

# ASSA mini Catalogue

2007

**ASSA<sup>®</sup>**  
ASSA ABLOY

ASSA ABLOY, the global  
leader in door opening  
solutions.





ASSA is a leading supplier of lock and security solutions for professional customers.

We develop, manufacture and market lock and security solutions for doors, windows and cabinets. Quality, high security and design characterize the products.

Since the start of lock production in the late 1930's we have supplied locks and door furniture to practically all segments and applications. Among these a large variety of some very prestigious, industrial, institutional, military and governmental enterprises.

We continuously monitor and drive the development of lock and security issues further, and believe that you as our customer are mainly interested in solutions – not the individual products.

With our comprehensive range of products and services, we can set up security systems that suit your specific needs irrespective of what segment or business environment you operate in. With us you have the choice, we call that “Security on Your Terms”.



August Stenman  
founded ASSA in 1881.



7-pin key

# ASSA ABLOY

ASSA ABLOY was founded in 1994



CLIQ technology came in 2001



1881 - 2006

ASSA celebrates its 125th  
anniversary in 2006

**1881**

August Stenman founded when August Stenman buys the Thunellska hinge factory in Eskilstuna.

**1947**

The Aug. Stenman AB company is the first in the world to begin manufacturing locks with 7-pin cylinders. They are a part of Aug. Stenman AB's security systems with the motto: "Locks are to be manufactured with precision in large series with small tolerances and demand for 100% security."

**1980**

The electronic lock is introduced, as well as a whole new lock cylinder.

**1993**

The ASSA Twintronic – the first approved lock with the advantages and convenience of an access control system – is introduced on the market.

**1994**

The ASSA ABLOY group is formed through a merger of Securitas and Metras Oy's ASSA and ABLOY lock activities.

**2001**

ASSA CLIQ launched, the first joint development project at ASSA ABLOY.

**2006**

ASSA's 125th anniversary. A whole new mechanical lock platform is launched – ASSA dp. Solid AB becomes a business unit of ASSA AB.

### A brand that stands for security

ASSA is to stand for the most attractive, reliable and accessible locks and security solutions. ASSA offers a complete range of high-quality lock and security solutions for commercial and institutional premises.

### Security for the future

Our environmental work penetrates all operations from development of environmentally friendly and non-allergenic products to purification of process water. We are certified according to SS-EN ISO 14001, which means that all our processes are controlled carefully, including what is delivered to and from the factory. Goals concerning all significant environmental factors have been set and are monitored and measured continuously.



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### **Maintenance secures the functionality**

There are several factors that will have an effect on the opening and closing of a door. To ensure the best functionality and durability all doors will require regular service and pre-emptive maintenance. The lockset is used daily and it will not take long before a door has been opened and closed ten thousand times, quite often the door is also being handled carelessly by the public.

### **ASSA Security Centres**

ASSA recommends the building owner/tenant to establish a service agreement for the locking system with a licensed ASSA Security Centre. Establishing a service agreement with a local ASSA Security Centre ensures not only knowledgeable service and assistance but also protection of your system by key control procedures controlling for instance protected stock keeping of components and ordering procedures for your master key system.

### **Extensions and rebuild**

When planning for an extension or rebuilding of your premises, ASSA recommends to omit master keyed products such as cylinders, padlocks and keys from the contractors obligations. The reason for this is so that the master key system owner together with the ASSA Security Centre at all times will remain in full control and preserve the security of the security system.

### **Maintenance of ASSA products**

As with any piece of mechanical equipment used on a daily basis, certain maintenance procedures are essential to ensure trouble-free operation and longevity of ASSA products.



### **Doors**

Doors should be checked annually for alignment to ensure that the installation tolerances are maintained and any necessary adjustment to compensate for movement between the door and frame should be made.

### **Maintenance of ASSA products**

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### **Doors**

Doors should be checked annually for alignment to ensure that the installation tolerances are maintained and any necessary adjustment to compensate for movement between the door and frame should be made.

### **Locksets**

A functionality test of each door environment is recommended on a yearly basis. At this time all fixings of the lock case, striking plate, door handles and accessories should be checked for tightness. Locksets that are left unused for long periods (months or years) can become stiff to open. This is due to the creation of a surface film on the metal. To free the mechanism, simply operate the lock a few times. We particularly recommend that locks fitted to emergency escape doors that are not in general use be tested on a monthly basis.

The striking plate should be mortised into the frame to ensure correct alignment with the latch and/or deadbolt function of the lock case. The distance between the faceplate of the lock case and the striking plate should be no more than 3mm to ensure correct and secure locking.





### Emergency exit devices and Panic exit devices

ASSA recommends inspecting the emergency exit devices and panic exit devices once a month. During this inspection the tightness of the fixings should be checked and tightened if so required, a functionality test of the exit device should also be performed using the below procedure:

1. Open the door by using the exit device.
2. Ensure that the latch of the lock case closes correctly and is aligned with the striking plate.
3. Ensure that the panic bar springs back to its original position when the door is closed.
4. If a handle is fitted on the outside, ensure that re-entry by using the outside handle is functional.
5. Inspect that the exit device sign is intact and visible.

### Mechanical lock cases

Lubrication with a good adhesive grease, such as the ASSA lock grease, is recommended twice a year, both sides of the latches and bolts are equally important. There are no user-serviceable parts within ASSA lock cases. The internal components of the lock case are pre-greased at the factory for life and do not, therefore require any additional maintenance.

Lubricants should not be sprayed into the lock case as this can cause the grease to dissolve.  
Paintwork should be done before installation of the locks.

### Electromechanical locks

Mechanical parts as per mechanical lock cases above. Control the cables, door loops and contacts. Clean oxidised contacts and replace cables that have been damaged. It is recommended that a complete test of the functionality is conducted.

Filings may cause failure to the electronics of the lock.  
If adjustments are required, disassemble the lock or striking plate from the door environment before adjustments are done.



### Cylinders

The keyway of the cylinder should be sprayed at intervals not exceeding six months with ASSA lockspray, which contains lubricating agents. Under no circumstances should any other material such as oil, grease or graphite be used as these will jam the mechanism. The use of ASSA lockspray is also recommended in cylinders mounted on external doors before the winter season to overcome problems from condensation and frost.

To clean or de-ice ASSA cylinders we recommend ASSA Cleaner/ De-Icer which will both de-ice and remove old lubricant dirt and grime. Please note that once cleaned the cylinder should then be lubricated using the ASSA lockspray.

### Keys

Keys that are used very frequently may eventually become worn and should then be replaced. Only genuine and patented ASSA keyblanks should be used and cut by an approved ASSA Security Centre ensuring that correct key control procedures and tolerances are maintained.

# MASTER KEY SYSTEMS

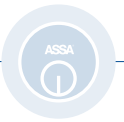
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With complemented patents we are ready to meet the needs and security demands of our customers and markets.

ASSA cylinder platforms involve key control in all security levels and create a flexible foundation when planning a Master Key System.

All our mechanical high security cylinders with dp technology can be combined in advanced On-line and Off-line solutions for example CLIQ-, Twintronic- and proximity technology.

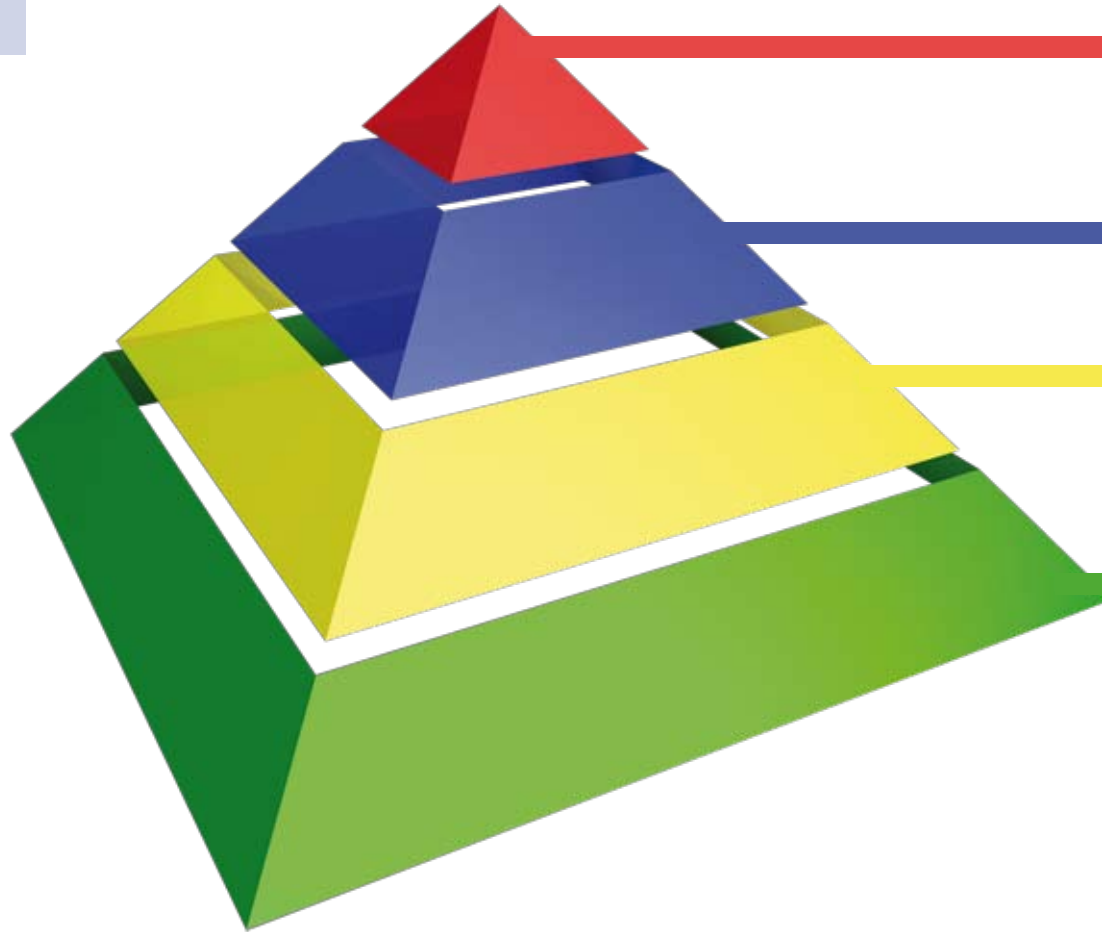
The foundation in a security solution is created with different security zones where the mechanical authorization of the key is complemented with electronics for intelligent On- and Off- line functions.



### ASSA Security Pyramid leads you right

A security solution is more than products. Our security pyramid shows 4 different security levels where not only the physical product is important. Handling, services and distribution of both materials and occurring codes can in different combinations give a higher security- all based on your needs!

ASSA's Security Pyramid show how you can adjust key control in a Master Key System depending on what is to be protected. The level of key control and functionality decide the security of the locking unit and Master Key System.



#### Absolute

The key control in security level Absolute means that there always is a registered authorization contract between the system owner and a selected and certified ASSA Service Station. The contracts regulate responsibility for additions and service as well as re-orders of keys that are made out of patented and design registered key blanks. The keys can be authorized and audit trailed On-Line or Off-Line depending on technology.

#### Exclusive

The key control in security level Exclusive means that extra keys are made out of patented and design registered key blanks. An approved and registered authorization contract is needed when reordering keys. The keys can be authorized and audit trailed Off-Line.

#### Selected

The key control in security level Selected means that extra keys are made out of patented and design registered key blanks. An approved and registered authorization contract is needed when reordering keys. Master Key Systems can be specified with a combination of two different levels of security, high and medium. Mechanical cylinders are recommended for Master Key Systems when the mechanics alone satisfy the needs of security and convenience.

#### Limited

The key control in security level Limited means that keys can be copied at a certified ASSA Service Station assumed that the customer has a test key and valid identification. Limited level is recommended when there is no demand for patented key control.

**On-line cylinder/reader  
to integrate in Access  
Control System****Application**

ASSA Twintronic is used as an effective perimeter protection On-line and for doors demanding registered and controlled security. ASSA Twintronic is included in High Security locksets and has the same possibilities and conveniences as on Access Control System.

The system can easily be connected to doors with high demands of On-line security. Twintronic consist of a high security cylinder in combination with an electromechanical blocking. The key consists of a patented mechanical code and a unique electronic system code. The Twintronic key communicates with the cylinder through the antenna in order to be authorized and the event is registered in the Local Central Unit of the system.

**Integration in Master Key System**

A Master Key System with ASSA dp technology makes it possible to integrate Twintronic in one or several doors without changing the rest of the Master Key System.

**Access Control systems ARX - Access control system**

With the software ARX Access/RiTA the administrator can manage the Access Control System effectively and rationally.

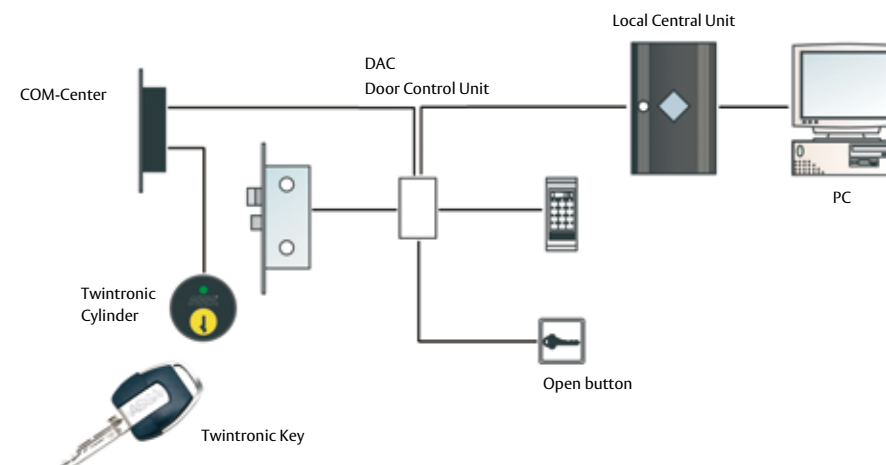
**Characteristics**

Fundamental mechanical security. The cylinder contain electromechanical and mechanical code for blocking.

The LED indicate green light when access is granted. If the key is unauthorized the LED indicate red light.

The antenna is integrated in a decorative casing surrounding the cylinder and shall be complemented with cylinder accessories for additional protection.

Available in Scandinavian round or oval cylinder shape, single or double cylinder.

**Nomenclature and system architecture****Cylinder shapes**

Oval cylinder shapes		
E4401	E4403	E4402
RIM cylinder shapes		
E4407	E4409	E4408
Round cylinder shapes		
E4411	E4413	E4412
Auxiliary cylinders		
E4425		



For Twintronic function add index E before catalogue number. Ex. E4411.

**PC-software**

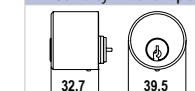
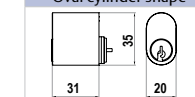
RiTA Access Control System  
ARX Access Control System

**Local Central Unit range**

LCU 9016  
UC 6416

**Cylinder range**

ASSA dp 4400 series

**Measurement****Round cylinder shape****Oval cylinder shape**



**Recommended for lock systems with demand on security and flexibility.**

### Application

ASSA CLIQ-technology is used as an effective perimeter protection Off-line and for doors demanding registered and controlled security. The technology provides electronic authorization on group- or individual levels. Master Key cylinders with CLIQ function has the same security Grade as mechanical ASSA dp cylinders but with developed electronic flexibility and security.

### Integration in mechanic Master Key System

A Master Key System with ASSA dp technology provides CLIQ integration in one or several doors without changing the rest of the MKS.

### Characteristics

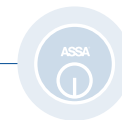
ASSA CLIQ is by insurance companies included in approved lock sets. The system can easily be integrated with doors demanding Off-line security. CLIQ consist of a high security cylinder with mechanical and electromechanical blocking elements. The key consist of a patented mechanic code and a unique electronic code. Information stored in the key is transmitted through a contact rail to be approved and registered in the cylinder.

### Function

Since the units are powersupplied by the battery in the key the cylinders with CLIQ function doesnt need wiring. This makes the installation, retrofit and after sales service very easy. In a lock system with CLIQ-function different types of auxiliary cylinders, padlocks or cylinder shapes can be combined. The cylinder has a chip with a memory, processor and operational circuit board built in. The key has a corresponding chip placed in the keybow. The programmed electronic code in the key cooperates with the electronics of the cylinder and it's built in motor. All information is encrypted by DES. This means a secure digital communications between keys, cylinders and programming units. The mechanical combinations and the electronic codes cooperate with each other and create a very high level of security with great flexibility.

### PC-software, ASSA Performer

Keys and cylinders have digital labelling for simple PC-administration. All keys included in the system are given authorization with special software, ASSA Performer. To programme cylinders the C-key of the MKS is used. The C-key is also used to change authorization of groups or individuals.



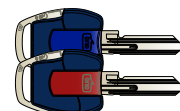
### UKT User Key

The user's key. Consists of mechanical combinations, electronics for identification and battery for power supply.



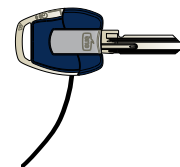
### DK Service key

The service station's key. Is used for identification between ASSA and the service station, at digital communication and as complement CLIQ-keys and cylinders.



### CK Programming key

The system operator's key. Is used to programme in and out keys in cylinders. It can carry information for adaptation of authorization and/or reading of the cylinder history. Cylinder programming is not possible without the Set-Up key of the object.



### PDK Contact key

The system operator's key. Contact key is used for identification of cylinders and when adding or increasing the lock system.



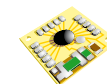
### Cylinders

Delivered in round and oval cylinder execution or varying types of padlocks. By SBSC AB certified cylinder and fulfils requirements for S53522, class 3. SSEN 1303 Grade 6.



### Power supply

Lithium battery of standard type 2025.



### Electronics

CLIQ-technology is specially developed to meet the demands of the market on flexibility and security.



### DES-code

DES is an advanced cipher code for civil use.



### Terminal

Programming unit for programming and putting cylinders and keys with CLIQ-function in operation.

### Cylinder shapes

Oval Cylinder shapes			
B4401	B4403	B4402	
RIM Cylinder shapes			
B4407	B4409	B4408	
Round Cylinder shapes			
B4411	B4413	B4412	
Auxiliary Cylinders			
B4488	B4418	B4425	B2471
Padlocks			
	Green	Blue	Red

### Measurement

Round Cylinder shape	
	32.7 39.5
Oval Cylinder shape	
	31 20
Industrial lock	
	18 2 23 38 Ø25



For CLIQ Function add index B before catalogue number.

For Cylinder series ASSA dp Ex; B4401

For complete description of all CLIQ functions see respective product information leaflet.





Recommended for office,  
industrial, commercial  
and public environments.

**Application**

ASSA dp 4400 series is a high security cylinder on patented security level which is recommended for all types of mechanical locking systems. Within each Master Key System it is possible to specify high- and medium security cylinders as well as auxiliary cylinders such as padlocks and camlocks. For this reason ASSA dp series is the ideal solution for all types of operations and buildings. The CLIQ Off-line function can be added to the cylinders to provide a higher level of flexibility and security where so required, for instance perimeter protection and other important spaces where the security requirements are higher. If on-line functionality with instant and direct changes in required, the Twintronic functionality offers optimal security and flexibility to the protection of your premises.

**Features**

- dp 4400 series fulfils the requirements according to EN1303, security Grade 6.
- Protection against physical attack
- Protection against picking.
- The double performance technology with scrambled combinations on both blocking elements offers optimal protection against manipulation

**Function**

The ASSA dp technology is protected by national and international patents against copying of keys, unauthorised use of keyblanks and also cylinder components.

ASSA dp platform is developed with double independently working blocking mechanisms for protection against physical attack, picking and manipulation.

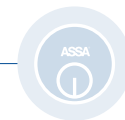
Different cylinder shapes (i.e. Scandinavian, Euro profile & Mortise etc.) and functions can be combined within the same locking system for mechanical, off-line and on-line cylinders.

The patented technology within the dp platform allows for creating unique parallel system solutions considering key combinations and cylinder performance. This gives the dp platform the possibility for use in both unique custom made solutions as well as traditional Master Key System configuration.

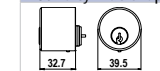
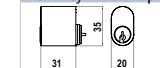
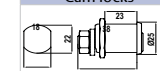
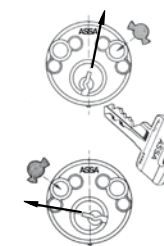
The dp-technology is developed for and allows for easy upgrading of CLIQ, RFID and other future technologies.

ASSA dp uses force controlled horizontal blocking elements for increased operational security and usage in aggressive environments where risk of freezing and condensation is high. Using force controlled horizontal blocking elements also reduces the friction and minimises the wear and tear of the keys and cylinder components.

ASSA dp 4400 can be combined with ASSA dp 2400 series for doors where the security demands does not require approved locking.

**Cylinder shapes**

Scandinavian Oval Cylinders				
XX01	XX03	XX02	XX07	
Scandinavian Round Cylinders				
4411	4413	4412		
Cam Lock	Door Tube Cylinder	Wall Tube Cylinder	Cylinder set Panic Devices	
XX71	4488	4418	4425	
M20 EURO Cylinders				
XXM22	XXM23	XXM27	XXM25	XXM24
Mortice Cylinders				
	Adams Rite Sargent Cam Corbin Clover Corbin Beaver Yale Std Cam Schlage L Cam Segal Cam	XXS1A-1 XXS1A-2 XXS1A-3 XXS1A-4 XXS1A-5 XXS1A-6 XXS1A-7		Horizontal Tail XXS7-1 Lazy Motion Tail XXS7-2 Vertical Tail XXS7-3
XX51			XX57	
Padlocks				
Green	Blue	Red		

**Dimensions****Round cylindershape****Oval cylindershape****Cam locks****Adapter / core****Round cylindershape****RC003****Core****4459**

1. Check that the arrows on the lock case in the cylinder hole are pointing downwards at both sides of the door.
2. Mount the cylinder from the inside using enclosed screws.
3. Test the cylinder for proper operation by using the key without closing the door.
4. Block the screws with enclosed blocking plug according to the following:
  - Insert the key
  - Turn the key to 12:30 o'clock
  - Place one blocking plug between the screws on the left side of the cylinder
  - Turn the key to 9:30 o'clock
  - Place one blocking plug between the screws on the right side of the cylinder
  - Fasten accessories



For CLIQ functions add an A in front of ref. nr.  
Example : XX01 => AXX01



**Recommended for Master Key Systems in commercial, industrial and public areas.**

#### Application

ASSA Twin Pro 6100 series is a high security cylinder with PATENTED protection against unauthorised key duplication. Recommended for large and complex Master Key Systems with options to specify in both high and medium security levels. ASSA Twin Pro series is ideal in commercial areas, institutions, industrial and offices buildings.

#### Features

Keys and cylinder mechanism are fully protected by international patents against unauthorised duplication. Twin Pro is available in a full range of Scandinavian and international cylinder shapes. The Twin series can be used to upGrade and re-key most commonly lock sets. Cylinders and padlocks can be incorporated in the same Master Key Systems. ASSA Twin Pro 6100 can be combined with medium security series 2100 and electromechanical functions such as CLIQ and Twintronic.

#### Function

- High security cylinder concept with two independent blocking mechanism for full resistance to any currently known method of picking and manipulation.
- 6-Pin tumbler system combined with Twin Pro sidebar mechanism.
- The cylinder range 6100 Pro fulfils the requirements in EN 1303 Grade 5.
- High security 6100 series with hardened steel inserts for drill resistance to be used in exterior door applications.
- Medium security 2100 series with fully protected key control designed for in door application inside the building.



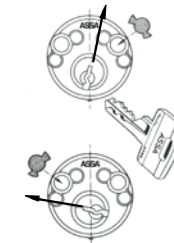
#### Cylinder shapes

Scandinavian Oval Cylinder			
XX01	XX03	XX02	XX07
Scandinavian Round Cylinder			
6111	6113	6112	
Cam Lock	Door Tube Cylinder	Wall Tube Cylinder	Cylinder set Panic Devices
XX70	6188	6118	6125
M20 EURO Cylinders			
XXM22	XXM23	XXM27	XXM24
Padlocks			
Green	Blue	Red	

For a complete reference number change XX to series number.

Example:

High Security                      XX01 => 4401  
Medium Security                    XX01 => 2401



1. Check that the arrows on the lock case in the cylinder hole are pointing downwards at both sides of the door.
2. Mount the cylinder from the inside using enclosed screws.
3. Test the cylinder for proper operation by using the key without closing the door.
4. Block the screws with enclosed blocking plug according to the following:
  - Insert the key
  - Turn the key to 12:30 o'clock
  - Place one blocking plug between the screws on the left side of the cylinder
  - Turn the key to 9:30 o'clock
  - Place one blocking plug between the screws on the right side of the cylinder
  - Fasten accessories



**Recommended for  
commercial areas,  
institutions, industrial  
and offices building.**

**Application**

ASSA 600 is a High Security Cylinder within the OPEN level of ASSA security level. Recommended for use in large and complex Key Differ applications and normal design of Master Key Systems. ASSA 600 security solution is ideal for use in commercial areas, institutions, industrial and offices buildings.

**Features**

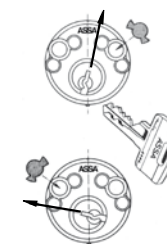
- High Security Cylinder
- 6-Pin tumbler system
- The ASSA 600 fulfils the requirements in EN 1303 Grade 3 and together with high security defenders En 1303 Grade 6
- Resistance to picking and manipulation
- Controlled admittance
- Designed for frequent use

**Function**

ASSA 600 is available in a full range of Scandinavian and international cylinder shapes. ASSA 600 is intended for new Master Key Systems or for upGrade and Re-Key of most commonly lock sets. Cylinders and padlocks can be incorporated in the same Master Key System.

**Cylinder shapes**

Scandinavian Oval Cylinders				
601	603	602	607	
Scandinavian Round Cylinders				
611	613	612		
Cam Lock	Door Tube Cylinder	Wall Tube Cylinder	Cylinder set Panic Devices	
670	688	618	625	
M20 EURO Cylinders				
6M22	6M23	6M27	6M25	6M24
Mortice Cylinders				
	Adams Rite 1 1/8" 651A-1 Sargent Cam 651A-2 Corbin Clover 651A-3 Corbin Beaver 651A-4 Yale Std Cam 651A-5 Schlage L Cam 651A-6 Segal Cam 651A-7	1 1/4" 651B-1 651B-2 651B-3 651B-4 651B-5 651B-6 651B-7		Horizontal Tail 657-1 Lazy Motion Tail 657-2 Vertical Tail 657-3
651			657	
Padlocks				
Green	Blue	Red		



1. Check that the arrows on the lock case in the cylinder hole are pointing downwards at both sides of the door.
2. Mount the cylinder from the inside using enclosed screws.
3. Test the cylinder for proper operation by using the key without closing the door.
4. Block the screws with enclosed blocking plug according to the following:
  - Insert the key
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  - Place one blocking plug between the screws on the left side of the cylinder
  - Turn the key to 9:30 o'clock
  - Place one blocking plug between the screws on the right side of the cylinder
  - Fasten accessories

**Application**

ASSA cylinder M20 cylinder range is designed to be installed into EURO profile locksets. The EURO cylinders can be integrated in ASSA Master Key System with scandinavian and international cylinder shapes.

**Features**

ASSA M20 cylinder range is available as a double cylinder, with a turn or as a single cylinder. It is a modular cylinder which means it can easily be rebuilt to various lengths in accordance to existing door thicknesses. When there are changes made within the organisation or in a building it is simple to redesign the cylinder to achieve new cylinder functions. The M20 cylinder range fulfils the requirements in EN 1303 Grade 5.

**Function**

The M20 cylinder is available in two different security levels. This makes it possible to combine the security levels to high or medium security into the same Master Key System. The high security cylinder has drill and picking protection.

The medium security cylinder is designed to fulfil security demands for ASSA PATENTED key control.

**M20 Modular Accessories****XXM23 Single Cylinder**

Beam	House extension	Plug extension

**Cylinder versions**

Double Cylinder	Single Cylinder	Cylinder, Design turn	Cylinder, Narrow profile turn
Extension outside (A= +0 mm) Cylinder shape Extension inside (C= +10 mm) Cylinder series Extension outside Cylinder length 61 mm Extension inside Code	Extension (C= +10 mm) Cylinder shape Extension Cylinder series Extension outside Cylinder length 40 mm Extension inside Code	Extension outside (A= +0 mm) Cylinder shape Extension inside (C= +10 mm) Cylinder series Extension outside Cylinder length 61 mm Extension inside Code	Extension outside (A= +0 mm) Cylinder shape Extension inside (C= +10 mm) Cylinder series Extension outside Cylinder length 61 mm Extension inside Code
XXM22	XXM23	XXM27	XXM24

For a complete reference number change XX to series number.

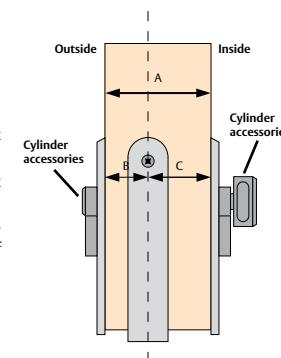
Example : High Security XX01=>4401, Medium Security XX01=>2401

**Guideline for M20 EURO Accessories**

Location of lockcases, cylinders and accessories

**1. Specification of M20 cylinder/turn and accessories.**

- Measure the door thickness (A).
- Measure the distance between the centre of the lock case and the security side of the door (B).
- Measure the distance between the centre of the lock case and the inside of the door (C).
- Add the thickness of the cylinder accessories to the B and C measurement. The result will be the length of the cylinder/turn.

**Table Measurement**

Code	Length mm
A	+0
B	+5
C	+10
D	+15
E	+20
F	+25
G	+30
H	+35
I	+40
J	+45
K	+50
L	+55

**M20 Modular Accessories****XXM22 Double Cylinder**

Beam	House extension 1	House extension 2	Plug extension 1	Plug extension 2	Key extension	Turn extension

**XXM24/27 Turn Cylinder**

Beam	House extension 1	House extension 2	Plug extension 1	Plug extension 2	Key extension	Turn extension	Clutch



Door key deposit is recommended for fitting in apartment doors for minimum key administration.

### Application

Recommended as a lock complement in hall and exterior doors in apartment buildings, apartment buildings for the elderly and disabled, terraced houses etc. Primarily used for temporary storage of apartment keys e.g. when the resident is not at home at the time of scheduled apartment maintenance.

Designed for doorthickness 37 mm to 97 mm. To be installed in the door due to ASSA instructions. The cover is to be mounted on the inside of the Door Key Deposit. The Door Key Deposit is designed so it can be adjusted to the right doorthickness under installation.

### Features

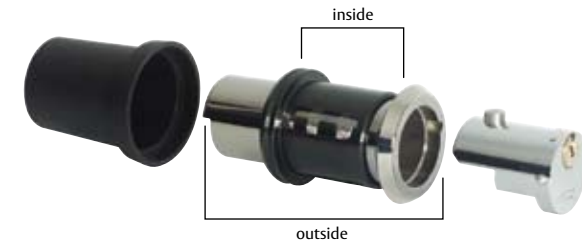
ASSA Door Key Deposit is available for doorthickness of 37-97mm.

- The deposit should be mounted in the doorblade at the top corner on hinge side.
- Protection against picking and physical attack

### Function

When maintenance has been agreed on and notified:

- 1) The resident places the apartment key in the door key deposit.
- 2) The maintenance person
  - Opens the door key deposit from the outside with the maintenance key.
  - Take out the apartment key from the depositbox and open the door.
  - Lock the door and return the key in the door key deposit.
- 3) The resident
  - Removes the key after completed maintenance from the inside of the door.
- 3) The resident
  - Removes the key after completed maintenance from the inside of the door.

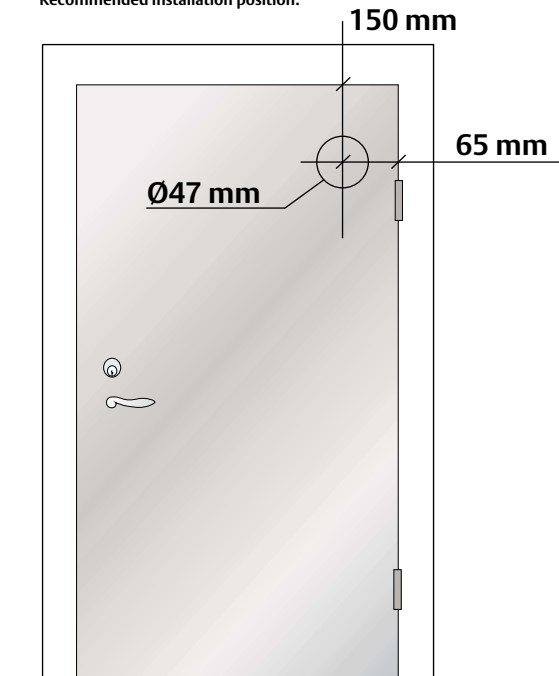


### Range

Twin Global 7688 Cylinder without keys  
Twin PRO 6188 Cylinder without keys  
6-pin 688 Cylinder without keys  
ASSA dp 4488 Cylinder without keys

Door Key Deposit without cylinder  
88 Door Key Deposit, doorthickness 37-97 mm

Recommended installation position.







The ASSA wall key deposit is recommended for temporary storage of building keys for e.g. emergency services.

## Application

The ASSA wall key deposit is designed for temporary storage of individual entrance keys to buildings alternatively integrated in designated building areas. Authorised maintenance or emergency personnel may have access to the building by using a unique maintenance key to open the deposit and take out the entrance key.

## Features

In order to prevent vandalism, the wall key deposit should be installed in a concrete wall of quality K250 or higher. The key deposit is installed a minimum of 1 500 mm above ground level.

The wall key deposit must incorporate an approved ASSA high security cylinder where the keys have a minimum of PATENTED key control level insuring protection against unauthorised copying.

For optimised security, the cylinder and the key of the wall key deposit should not be included in the Master Key System of the building.

The wall key deposit can be equipped with a built-in micro switch for alarm indication.

## Function

Maintenance providers and emergency services are authorised to open the wall key deposit with the unique maintenance key of the building.

They use the entrance key to get access to the building and give the intended maintenance or carry out emergency operations. Afterwards, the building is locked and the maintenance key is returned to the wall key deposit.

## Protected against vandalism

- To be used in combination with a specially designed, approved high security cylinder like Twin PRO or Twin Global.
- Protected against picking and manipulation.
- Designed primarily for mounting in concrete wall.
- Steel tube Ø 45 mm, protected against corrosion.
- Suitable accessories for mounting are e.g. expander bolt or a washer with a threaded bolt.



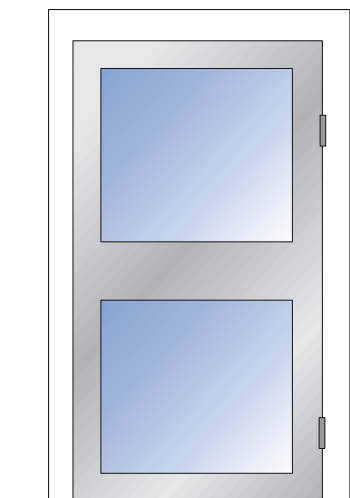
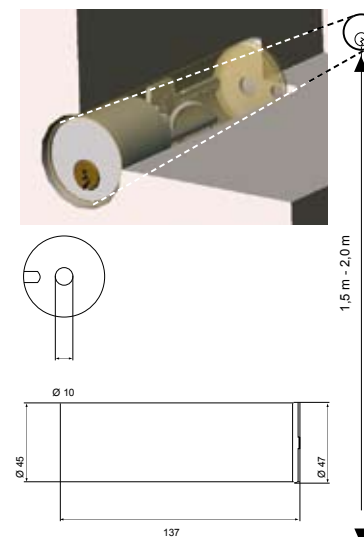
## Range

- 7618 Twin Global Cylinder
- 6118 Twin PRO Cylinder
- 4418 ASSA dp Cylinder



## For CLIQ Function,

- Add index A before catalogue number.  
For Cylinder series ASSA Twin Ex; A5818
- Add index B before catalogue number.  
For Cylinder series ASSA dp Ex; B4418 ASSA
- For complete description of all CLIQ functions see respective product information leaflet.





The ASSA Cam Locks are recommended for locking of doors/hatches with door thickness up to 23 mm.

#### Application

ASSA cam lock 7670, 6170 and 670 is a cylinder lock for installation in cabinet doors, which can be implemented in a Master Key System together with other cylinder shapes. This solution add convenience to many installations since this gives the user possibility to open both entrance doors, office doors and for instance a postal locker by using only one key. Other areas where cam locks are perfect to install are electrical cabinets, recreation areas, schools and storage facilities in shops.

#### Features

Catches must be ordered separately. For alternative designs of catches contact your local ASSA distributor. Cyllindring helps to build up a distance in a thin door and support the installation. Nail plate helps to support installation so that the cylinder will not turn when installed in the door.

#### Function

ASSA cam lock is fitted into cabinet doors and will be locked by a catch that is operated by the key. ASSA cam lock is easily an adjustable for door thickness up to 23 mm. ASSA cam locks are available in different security levels depending on the need for the user:

- Twin Global 7670
- Twin PRO 6170
- 6-pin 670
- 4470
- 2470



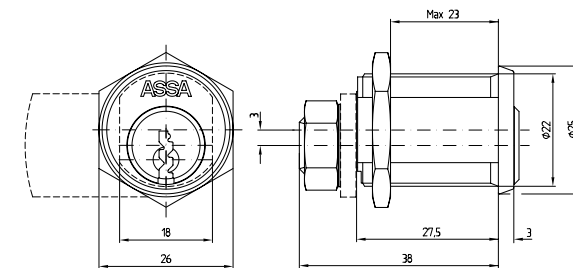
For CLIQ Function,

- Add index B before catalogue 2471.

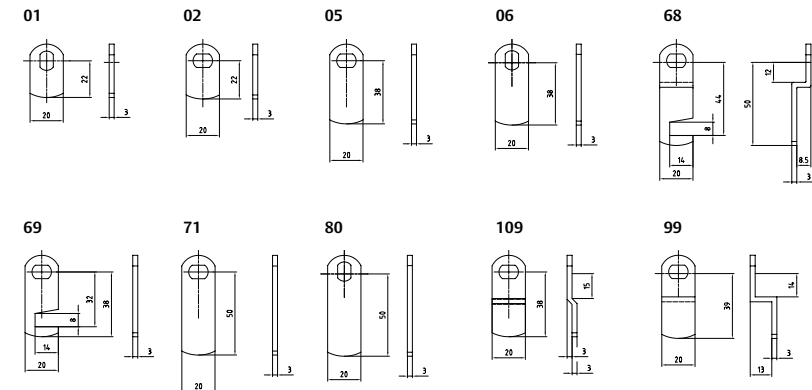
For Cylinder series ASSA dp Ex; B2471.



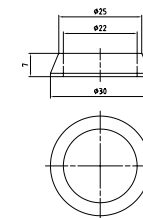
#### Dimensions



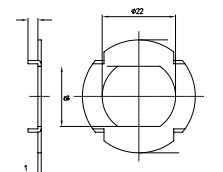
#### Dead bolt



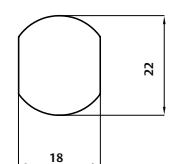
#### Cylinder ring



#### Nail plate



#### Door preparation





**For windows, patio doors  
and office furniture.**

## Application

ASSA Utility lock is used for any applications where locking is desired without being able to use regular locks or padlocks. ASSA utility lock can be used for windows, patio doors and also for office furniture.

## Features

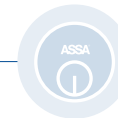
The lock need to be installed in correct position depending of the door/window is opened inwards or outwards. Check the space in the window frame to ensure that it can hold the length of the screws.

## Function

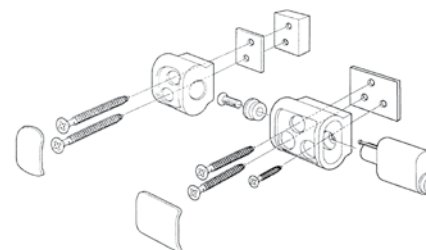
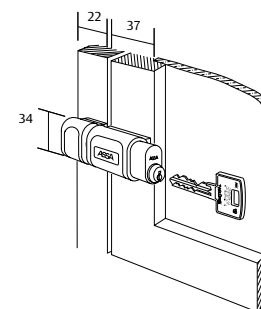
ASSA utility lock is fitted with a push-button cylinder that is locked together when pushed into the strike plate. The technique is excellent for usage with movable items like drawers and light doors when locking possibilities is requested but not build in. The key can be retracted both in locked and unlocked position. ASSA Utility lock can be combined within a Master Key System and is available within a variety of cylinder ranges.

## Range

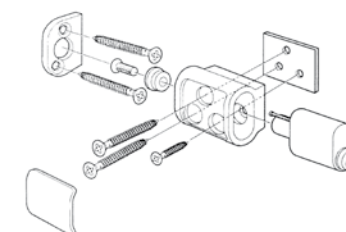
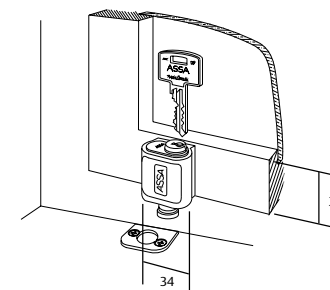
6180 ASSA Twin Pro 6100 series  
2480 ASSA dp 2400 series  
680 ASSA 600 series, Restricted level



## Inwards opening



## Outwards opening



## Fitting

ASSA Window Lock has concealed fitting. The fitting screws cannot be accessed when the window is locked.

## Versions

The window lock can be combined with ASSA Twin or ASSA Max cylinders. It is suitable for master keyed, keyed different and keyed alike cylinders.

## Finish

Body and striking plate white powder lacquer (067), cylinder bright chrome (011).



## Application

Locking in basements and attics of apartment buildings, internal locking of Grade 1 and 2 grilles and hatches, locking of boats under 200 kg and locking of approved bicycle chains.

## Features

- Padlocks with black chrome finish and bright chrome shackle
- Padlock body of brass
- With water (condense) drainage holes to reduce the risk of freezing
- Designed for alternative cylinder types
- Shackle Ø 8 mm or 10 mm of corrosion-protected, hardened steel or brass
- Pull resistance over 15 kN
- Available in several shackle heights, see dimensional drawing and table on the previous page

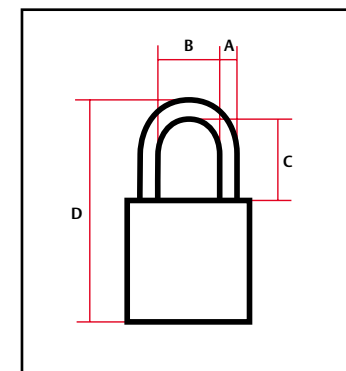
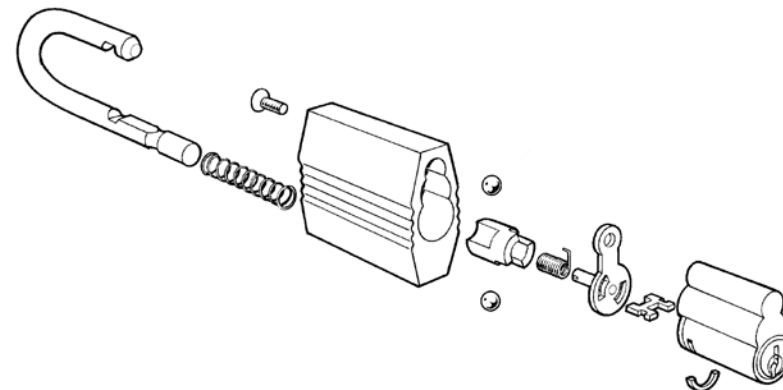
## Function

Designed for the following cylinder series:

- ASSA dp 4400
- ASSA Twin Pro 6100
- ASSA 600

## Available with the following functions:

- Snap locking
- Key locking



Padlocks Grade	ASSA Twin Pro/Global				Measurements shackles					Snap locking	Key locking
	ASSA 600 serie	Medium Security		High Security	A	B	C	D	Mtrl		
Green	640	21240		61240	8	24	27	91	Steel	x	
Green	641	21241		61241	8	24	27	91	Steel		x
Green	646	21246		61246	10	22	26	92	Steel		x
Green	647	21247		61247	10	22	51	117	Steel		x
Blue	641			61341	10	33	31	102	Steel		x
Red	641			61441	13	44	40	133	Steel		x
Not classified											
-	643	21243		61243	8	24	52	116	Steel		x
-	644	21244		61244	8	24	52	116	Brass		x
-	645	21245		61245	8	24	27	91	Brass		x



## Application

Interior locking of Grade 1, 2 and 3 doors, gates and hatches as well as interior locking of Grade 3 grilles, locking of motor bikes, mopeds, boats over 200 kg and boat engines.

## Features

- Padlocks with black chrome finish and bright chrome shackle
- Padlock body of hardened steel
- With drill-protected cylinder
- Shackle Ø 10 mm of corrosion-protected, hardened steel
- Designed for alternative cylinder types
- Pull resistance over 35 kN

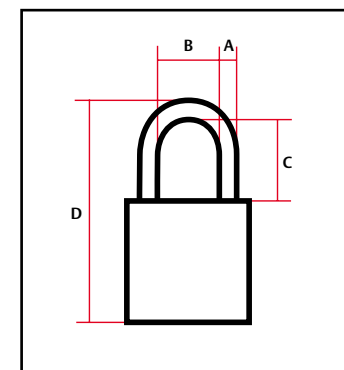
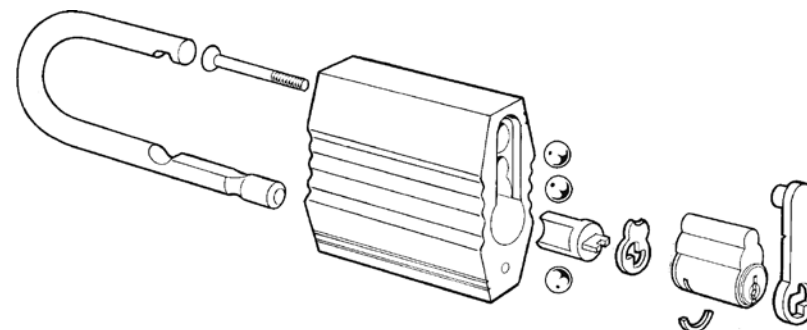
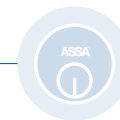
## Function

Designed for the following cylinder series:

- ASSA dp 4400
- ASSA Twin Pro 6100
- ASSA 600

## Available with the following functions:

- Key locking



Padlocks Grade	ASSA 600 serie	ASSA Twin Pro/Global			Measurements shackles					Snap locking	Key locking
		Medium Security		High Security	A	B	C	D	Mtrl		
Green	640	21240		61240	8	24	27	91	Steel	x	
Green	641	21241		61241	8	24	27	91	Steel		x
Green	646	21246		61246	10	22	26	92	Steel		x
Green	647	21247		61247	10	22	51	117	Steel		x
Blue	641			61341	10	33	31	102	Steel		x
Red	641			61441	13	44	40	133	Steel		x
Not classified											
-	643	21243		61243	8	24	52	116	Steel		x
-	644	21244		61244	8	24	52	116	Brass		x
-	645	21245		61245	8	24	27	91	Brass		x





## Application

For exterior locking of Grade 1, 2 and 3 doors, gates, hatches and grilles.

## Features

- Shackle padlocks with black chrome finish and bright chrome shackle
- Padlock body of hardened steel
- With water (condense) drainage holes to reduce the risk of freezing
- With drill-protected cylinder
- Shackle Ø 13 mm of corrosion-protected, hardened steel
- Designed for alternative cylinder types
- Pull resistance over 70 kN

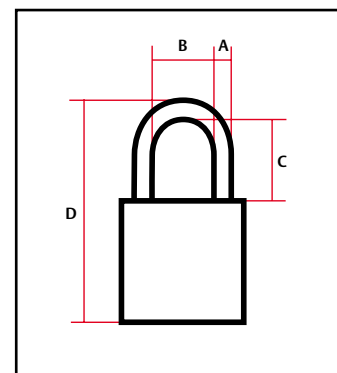
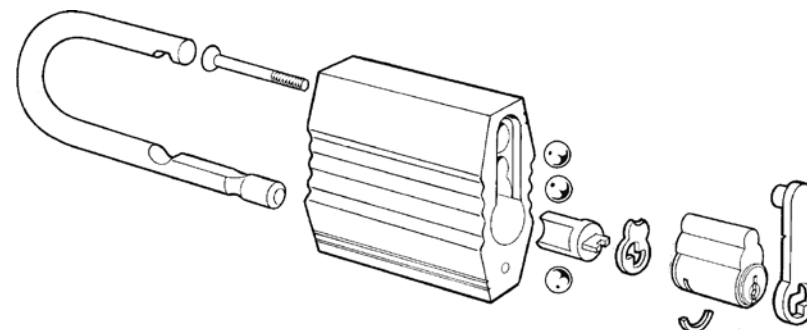
## Function

Designed for the following cylinder series:

- ASSA dp 4400
- ASSA Twin Pro 6100
- ASSA 600

## Available with the following functions:

- Key locking



Padlocks Grade	ASSA 600 serie	ASSA Twin Pro/Global			Measurements shackles					Snap locking	Key locking
		Medium Security		High Security	A	B	C	D	Mtrl		
Green	640	21240		61240	8	24	27	91	Steel	x	
Green	641	21241		61241	8	24	27	91	Steel		x
Green	646	21246		61246	10	22	26	92	Steel		x
Green	647	21247		61247	10	22	51	117	Steel		x
Blue	641			61341	10	33	31	102	Steel		x
Red	641			61441	13	44	40	133	Steel		x
Not classified											
-	643	21243		61243	8	24	52	116	Steel		x
-	644	21244		61244	8	24	52	116	Brass		x
-	645	21245		61245	8	24	27	91	Brass		x



## ASSA Lock Cleaner/De-Icer

Spray for cleaning and de-icing of lock cylinders. Ready to use after lightly shaken.

Insert the small plastic tube in to the cylinder plug and press the spray button for a few seconds. Spray intense. Repeat when heavily polluted.

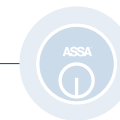
Insert the correct key and wipe it clean. Finish by using ASSA Lock Spray to lubricate the cylinder and to greatly improve the function and extend the lifetime of the lock cylinder.

- **EFFECTIVE** - Quickly desolves dust dirt.
- **DE-ICER** - Desolves and prevents ice.

## ASSA Lock Spray

Lubrication that greatly improves the function and extends the lifetime of the cylinder. Insert the tube after lightly shaken into the cylinder and press the button for 1 second. Insert the key and turn a few times. Wipe clean. If needed use ASSA Lock Cleaner first to remove dust and ice.

- **EFFECTIVE** - Small quantities give quick result.
- **QUICK-DRYING** - Does not absorb dust and dirt.
- **WATER-RESISTANT** - Does not absorb salt.
- **SERVICE/MAINTENANCE** - Recommended twice a year.



**Current maintenance greatly improves the function and extends the lifetime of the cylinder**

There are many factors that affect the opening and closing of a door. Your door environment needs current service and preventative maintenance for guarantied function. The lock unit exposes for constantly stresses. In no time the door have been closed and opened for several thou-sand times.

## Lock Cylinder

Cleaning and lubricant of the lock cylinder is recommended at least two times a year. Use ASSA Lock Cleaner and ASSA Lock Spray. When door environment is exposed for highly frequent openings and closings for instance like garages or when extreme environmental issue exists are cleaning and lubrication recommended more often. One interval of cleaning and lubrication should preferably be planned before winter season to provide condensation to freeze and cause function stop.

When electronic keys are used, like Twintronic or CLIQ, the cables and contacts need to be overviewed at least once a year to provide the total function of the Master Key System.

## Warning

Never use oil or graphite into lock cylinders. Grease and oil causes function stop and stick the pins and springs permanent together.

When constantly recurring function stops please contact your chosen ASSA retailer to assist and countermeasure.

## NOTE:

Keys that highly frequent is used abrades and should be exchanged when function is deteriorating.

## Cylinders

	Never oil or graphite
	Never paint over
	Protect from swarf
	Cylinder assembly
	- Accuracy - Quality
	Service/Maintenance
	- Frequency/ 5000 cycles
	- Malfunction
	- In accordance with service agreement Lubrication
	- Following cylinder assembly
	- During service/ maintenance twice per year
	- To couteract condensation

## Keys

	Deteriorating operation
	- Frequency/ 5000 cycles
	- Copying
	- Mechanical wear and tear
	Key cutting
	- Cut depth/tolerance
	- Precision
	- Equipment
	Key identity
	- Always stamp
	- According to system documents
	Key control
	- Authority
	- Registration
	- Security folder
	Voltage of battery

# ACCESSORIES & DOOR FURNITURE

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ASSA offers the widest range of hardware in the market for secure, functional and decorative use.

The range also includes a wide selection of emergency exit hardware for applications with high requirements.



## Epok lever handles have the following features:

The sprung handles are equipped with a built-in return spring that helps the return spring of the lock case to keep the handle in a horizontal position.

This feature is by definition not included in the unsprung handles.

Rose Ø 52 mm.

The two handle halves are linked by an exchangeable through-going square spindle and screws. The square spindle and the screws are available in different lengths for different door thicknesses.

Material: Brass

Handles without return springs fits ASSA modular/Evolution lock cases irrespective of the angle from the horizontal plane (not 35 mm backset).

When assembled with lock case 446 use 4 mm Ø screw instead of the standard 5 mm Ø.



## Sprung Lever Handles, Epok-series

### 1899

The design of this lever handle is new but with an inheritance from the turn of the last century. It's a combination of the drop shaped lever handles and the egg shaped knobs, both very popular at the time. In addition the handle features a T-shaped neck. The heavy image and slightly exaggerated design is ideal for use in both old and new houses built in Art Nouveau or national romantic style. Polished brass is probably the best choice of finish when it comes to renovating old buildings. In contemporary buildings, the coloured handles provide lots of other possibilities.

#### Finish

Handle neck: nickel-plated, satin chrome, bright chrome, satin brass, polished brass and miralloy.

Grip: white (RAL 1013), black (RAL 8022) or green (RAL 6028) powder lacquered alternatively nickel-plated, satin chrome, bright chrome, satin brass, polished brass or miralloy.

### 1918

This lever handle clearly shows influences from this time, although it's slightly heavier and the design is more distinct. Thanks to the timeless elegance of the handle it may be used in practically any building, as long as the architecture is similarly elegant and timeless. Suitable for use in all modern-style houses with the exception of those that represent extreme functionalism.

#### Finish

Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy.



## Sprung Lever Handles, Epok-series

### 1930

This lever handle is in a way a cross-breed between two previously incompatible design periods. Partly 1880 and 1890's bud-like tubular handle and the 1930's simple modernistic handle. With a brass neck and black / white grip the handle suits the style of the late 19th century. With a bright neck and black grip it suits the 1930's functionalism and its modern successors. The combination of bright neck and white grip brings us to the 1940's, whereas simple bright or the combination bright/brass are more modernistic. Hence, by mixing colour and finish this handle can suit many different periods.

#### Finish

Handle neck: nickel-plated, satin chrome, bright chrome, satin brass, polished brass and miralloy.

Grip: white (RAL 1013), black (RAL 8022) or green (RAL 6028) powder lacquer alternatively nickel-plated, satin chrome, bright chrome, satin brass, polished brass or miralloy.



### 1956

This lever handle was created during a short period of time. Initially the designer took some clay in his hand and, without looking, formed it until it felt right. The handle in production today basically has the same shape as that clay model.

There is a clear resemblance to ASSA lever handle 696 and the heritage of the 1950's design is evident. To achieve a more modern design, the shapes of the handle have been somewhat exaggerated. This handle is well suited for all architectural trends of the 1950's and onwards.

#### Finish

Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy.





### Unsprung Lever Handles, Epok-series

#### 1905

This lever handle has been inspired by the most common Art Noveau handles, but it's slightly heavier and more distinct. It's ideal for use in interior doors.

##### Finish

Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy.



Satin brass



Miralloy



Polished brass



Brown anodised



Satin brass



Chrome



Polished brass



Brown anodised

#### 1923

This lever handle reflects the classic style of the 1920's. With the rounded spoon-shape it suits both interior and exterior doors.

##### Finish

Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy.

### Unsprung Lever Handles, Epok-series

#### 1935

A beautifully shaped lever handle which has become a favourite of many. The clear and straightforward design refers to the period when the streamline form became popular.

##### Finish

Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy.



Satin brass



Chrome



Polished brass



Brown anodised

#### 1949

The design of this lever handle is for many recognized as a classic ASSA handle. This particular model is slightly lighter and has a diamond-shaped grip that fits the hand well. Suitable for both interior and exterior doors.

##### Finish

Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy.



Satin brass



Miralloy



Polished brass



Brown anodised





### Sprung Lever Handles, Classic-series

#### 6640

A classic lever handle from the 1950's and 1960's that is still very popular. A great design that will last for many years to come and suitable for a great range of environments.

##### Features

- Material: Brass
- Finish: nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Built-in return spring that supplements the handle follower spring in the lock case and assists the handle to stay in a horizontal position
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- The two handle halves are linked by an exchangeable square spindle and screws in different lengths for different door thicknesses

#### 6696

This is another classic ASSA lever handle from the 1950's and 1960's. The handle has a discreet and thorough design. Function is important, but not to the expense of the care for human aspects. Therefore it is timeless and suits all applications.

##### Features

- Material: Brass
- Finish: nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Built-in return spring that supplements the handle follower spring in the lock case and assists the handle to stay in a horizontal position
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- Two lever handle halves are linked by an exchangeable square spindle and screws available in different lengths for different door thicknesses

#### 6616

This lever handle represents our most minimalistic design. It's a very simple and modern handle that suits buildings with plain decor, such as hospitals and institutions.

##### Features

- Material: Brass
- Finish: Nickel, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Built-in return spring that supplements the handle follower spring in the lock case and assists the handle to stay in a horizontal position
- Bolt-through fixing strengthens the door
- Rose: 52 mm Ø
- Handle: 16 mm Ø
- The two handle halves are linked by an exchangeable square spindle and screws in different lengths for different door thicknesses



### Sprung Lever Handles, Classic-series

#### 6647

This lever handle was designed by Carl Arne Breger in the 1970's. The handle reflects the rational and slightly square-shaped design that characterises that time. With the discreet but distinguished design it's a modern day classic.

##### Features

- Material: Brass
- Finish: Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Built-in return spring that supplements the handle follower spring in the lock case and assists the handle to stay in a horizontal position
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- The two handle halves are linked by an exchangeable square spindle and screws in different lengths for different door thicknesses

#### 6638

The design of this lever handle reflects both baroque and rococo, yet in a simpler manner to suit architecture with less curved forms.

##### Features

- Material: Brass
- Finish: nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Built-in return spring that supplements the handle follower spring in the lock case and assists the handle to stay in a horizontal position
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- The two handle halves are linked by an exchangeable square spindle and screws in different lengths for different door thicknesses





Polished brass



Nickel



Satin brass



Satin chrome



Satin brass



Satin chrome

### 6611

Once again our designer let the functionalistic mindset of the 1950's inspire him to create this lever handle. The result came to be a rather simple handle where the distinct shapes and the multidimensional surface makes an exciting image. A modern day classic?

#### Features

- Material: Brass
- Finish: Nickel, satin chrome, bright chrome, satin brushed brass, polished brass, brown anodised or miralloy
- Built-in return spring that supplements the handle follower spring in the lock case and assists the handle to stay in a horizontal position
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- The two handle halves are linked by an exchangeable 8 mm square spindle and screws in different lengths for different door thicknesses

### 6670

The simplicity and the slender image of this lever handle pleases both the eye and the hand.

#### Features

- Material: Brass
- Finish: Nickel, satin chrome, bright chrome, satin brushed brass, polished brass, brown anodised or miralloy
- Built-in return spring that supplements the handle follower spring in the lock case and assists the handle to stay in a horizontal position
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- The two handle halves are linked by an exchangeable 8 mm square spindle and screws in different lengths for different door thicknesses

### 6680

This is a robust lever handle with a discreet design which makes it suitable for most environments.

#### Features

- Material: Brass
- Finish: Nickel, satin chrome, bright chrome, satin brushed brass, polished brass, brown anodised or miralloy
- Built-in return spring that supplements the handle follower spring in the lock case and assists the handle to stay in a horizontal position
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- The two handle halves are linked by an exchangeable square 8 mm spindle and screws in different lengths for different door thicknesses



**The ASSA product range is continuously improving.**

Please visit our homepage [www.assa.se](http://www.assa.se)  
for the latest information  
regarding our product range.





### Unsprung Lever Handles, Classic-series

#### 640

The classic ASSA lever handle from the 1950's and 1960's in its original design. The handle is well-known and features thorough and careful design.

##### Features

- Material: Brass
- Finish: Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- The two handle halves are linked by an exchangeable square spindle and screws in different lengths for different door thicknesses



#### 696

The classic ASSA lever handle from the 1950's and 1960's in its original design. The handle is well-known and features thorough and careful design.

##### Features

- Material: Brass
- Finish: Nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Bolt-through fixing strengthens the door
- Standard delivery for 40-57 or 58-75 mm door thickness
- Rose: 52 mm Ø
- The two handle halves are linked by an exchangeable square spindle and screws in different lengths for different door thicknesses



**ASSA 640 and ASSA 696 is also available for DIN-standard lock cases.**



### Unsprung Lever Handles, Classic-series

#### 5602

This is a very simple and elegant brass handle. It's primarily designed for use in light interior doors within the residential sector, where elegance and traditional touch is sought at a reasonable cost.

##### Features

- Material: Brass
- Finish: Nickel-plated, bright chrome, satin brass, polished brass or brown anodised
- Standard delivery for 36-52 mm door thickness.
- Bolt-through fixing
- The two handle halves are linked by an exchangeable square spindle and screws in different lengths for different door thicknesses



#### 5614

This is a simplified 'basic' handle. The discreet design doesn't draw that much attention to itself and therefore suits practically any environment.

##### Features

- Material: Zinc
- Finish: Bright chrome or miralloy
- Bolt-through fixing with two screws and hardened nipples
- For 40 mm door thickness
- Screws: 4 mm Ø
- The two handle halves are linked by a square spindle
- For use in light interior doors within the residential sector.



### Unsprung Lever Handles, Vinga-series

#### ASSA 73

ASSA 73 Vinga is a lever handle of the Vinga series intended for light interior doors within the residential sector. The lever handle can be combined with other french door and window accessories of the Vinga series.

##### Features

- Material: Zinc
- Finish: Bright chrome, satin chrome or miralloy
- Bolt-through fixing with two screws, 5 mm Ø, and nipples
- Rose: 52 mm Ø
- For 40 mm door thickness
- For use in light interior doors within the residential sector.





All lever handles of the Nord-series have the following features:  
Intended for light interior doors within the residential sector  
Without return spring  
Rose: 52 mm Ø  
Bolt-through fixing with two screws 5/32" Ø  
For 40 mm door thickness  
The two handle halves are linked by a square spindle  
Material: Brass

### Unsprung Lever Handles, Nord-series

#### 621 Båstad

Originally this lever handle was bigger and made for large gates, but after it was re-designed and made smaller during the period between 1900 and 1930 it became very common. The design isn't linked to a specific period of time and therefore it came to be used during both the periods of Art nouveau and national romanticism, and also during a major part of the 1920's classicism. The design of this lever handle makes it fit most environments and is another a blockbuster. Intended for light interior doors within the residential sector.

Finish: Polished brass

#### 623 Enskede

This is a typical lever handle that was used for interior panel doors in common residential areas during the 1920's. It belongs among red paint, glassed-in verandas, porches and small town idyllic scenery. Intended for light interior doors within the residential sector.

Finish: Satin chrome, polished brass or satin brass

#### 626 Gåshaga

This is as simple as a lever handle gets. Exclude all the unnecessary parts and you will have Gåshaga! The discreet design of this lever handle is the perfect solution when it comes to post functionalism and minimalism. Intended for light interior doors within the residential sector.

Finish: Bright chrome



### Sprung Lever Handles, Stainless Steel

#### 8650, 8665, 8670, 8680, 8685, 8690

Our stainless steel lever handles, pull handles and accessories are ideal for modern public areas such as institutions and offices. The stainless material is highly resistant to corrosion and severe air pollutants, and is recommended for use in environments with vast hygienic requirements. Thumb turns, toilet- and cylinder accessories are available in the same design series to complement the ASSA stainless steel lever handles.

#### Features

- Finish: Satin brushed stainless steel
- Standard rose with return spring that supplements the handle follower spring in the lock case and assists the handle to return to horizontal position
- Bolt-through fixing with 5 mm Ø screws and nipples strengthens the door
- The two handle halves are linked by an exchangeable square spindle and screws in various lengths for different door thicknesses
- Available with an independent clip-on rose for hidden screw attachment (Model 8680 and 8690 excluded)
- Rose: 53 mm



### Unsprung Lever Handle, Stainless Steel

#### 408

This is a lever handle made of stainless steel without a return spring.

#### Features

- All visible parts in satin brushed stainless steel
- Without return spring
- Independent clip-on rose for hidden screw attachment
- The two handle halves are linked by an exchangeable square spindle for various door thicknesses
- Rose: 50,5 mm Ø
- For use in light interior doors within the residential sector.

NOTE! Does not fit lock cases with Split-Spindle function.





### 167

Recommended application  
For doors and hatches.

#### Features

- Material: Brass
- Finish: nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Knob: 50 mm Ø
- Rose: 52 mm Ø

#### Function

- The two knobs are linked by an exchangeable square spindle for various door thicknesses
- Can be combined with ASSA modular locks



### 496

Recommended application  
For doors and hatches.

#### Features

- Material: Brass
- Finish: nickel-plated, satin chrome, bright chrome, satin brass, polished brass, brown anodised or miralloy
- Knob: 50 mm Ø
- Rose: 52 mm Ø

#### Function

Non-turnable pull knob.



### 7801, 7802, 7811, 7812, 7902, 7912

#### Recommended application

For mounting on the inside of french doors and windows with espagnolettes. Suitable for all types of buildings. Also recommended for use in cabinet and closet doors, electric cabinets etc. with alternative espagnolettes.

#### Features

- The handle is available in four versions;
  - Curved right or left
  - Straight right or left
- Lock case and handle are made of zinc
- Finish: Bright chrome or satin chrome

#### Function

- Affects the locking mechanism by the cylinder, which in locked position blocks the handle
- Lockable espagnolette handle for interior mounting on a french door or a window. Complemented with an oval ASSA cylinder.



7801 Right alt. left straight handle, key removable in locked position

7802 Right alt. left straight handle, key removable in locked or unlocked position

7811 Right alt. left curved handle, key removable in locked position

7812 Right alt. left curved handle, key removable in locked or unlocked position

Lockable espagnolette handle for interior mounting on a french door or a window. Complemented with an oval ASSA cylinder.

7902 Right alt. left straight handle, key removable in locked or unlocked position

7912 Right alt. left curved handle, key removable in locked or unlocked position

#### Outside handle

17911 Handle, non-lockable, right

17912 Handle, non-lockable, left

#### Recommended accessories

833 Handle coupling. Used when handles are to be fitted on both sides in a single frame

961 Handle coupling. Used when handles are to be fitted on both sides in a dual frame

#### Comment

These specifications must be included in all orders;

- Curved right or left handle alt. straight right or left handle
- 8 mm square steel spindle, 53 alt. 93 mm length



17911 / 17912



### Pull Handle 417-M 10

#### Recommended application

Facilitate the closing of doors in public environments, e.g. toilet doors.

#### Features

- Fixed mounting, doesn't affect handle or lock
- Mounted horizontally on the door according to picture
- Delivered in parts which enables adaptation to right or left door
- The pull handle can be shortened to suit narrower doors than Modular 10
- Finish: Bright chrome

#### Function

A complete handle package includes:

- 1 bright chrome pull handle with a length suitable for a Modular 10-door.
- 2 fittings in die-cast aluminium (silumin), black epoxy painted
- 1 screw for attachment of the holder that are to be mounted under the clip-on rose



130

131

### 130, 131

#### Recommended application

A simple pull handle for cabinets, sliding doors etc.

#### Features

- Material: Brass
- Finish: Bright chrome, polished brass or miralloy
- Attached with wood screws
- Bolt-through fixing is available for door thicknesses 34-62 and 60-82 mm
- Measurements, see page 63



### 8630, 8631, 8632

#### Recommended application

Simple pull handles with smooth shapes that are recommended for rough environments such as public places and institutions. The stainless material is highly resistant to corrosion and severe air pollutants and is recommended for use in environments with vast hygienic requirements.

#### Features

- All visible parts in stainless steel
- Finish: Satin stainless steel
- Concealed fixing
- Available as single or double with bolt-through fixing

Catalogue no.	Tube Ø mm	Length c/c mm
8630-25/300	25	300
8630-31/300	31	300
8630-31/400	31	400
8630-38/300	38	300
8630-38/400	38	400
8631-25/300	25	300
8631-31/300	31	300
8631-31/400	31	400
8631-38/300	38	300
8631-38/400	38	400
8632-25/300	25	300
8632-31/300	31	300
8632-31/400	31	400



8630



8631



8632



137

138

## 137, 138

### Recommended application

Two beautiful pull handles with a classic design. With their simple and harmonious design they suit both modern and older select doors. The pull handles are in the same style as ASSA lever handle 6616.

### Features

- Material: Brass
- Finish: Polished brass, bright chrome or miralloy
- Available as single or double with bolt-through fixing
- Available in three lengths: 160, 250 and 400 mm
- Door thickness should be 8-80 mm for length 160 and 8-95 mm for lengths 250 and 400
- Support bracket 039 is recommended for wooden doors
- A special fitting set is used for fixing in glass doors
- Measurements, see page 63



325

326

## 325, 326

### Recommended application

Two beautiful curved pull handles with influences from the functionalism. Their simple design suits nearly any door.

### Features

- Material: Brass
- Finish: Polished brass, bright chrome or miralloy
- Available as single or double with bolt-through fixing
- Support bracket 039 is recommended for wooden doors
- For door thickness 25-110 mm
- Available in two lengths: 250 and 300 mm
- A special fitting set is used for fixing in glass doors
- Measurements, see page 63



## 342, 343

### Recommended application

The design of these two push handles is perfect for innovative architecture as well as for architecture with cubistic influences of the 1960's and 1970's.

### Features

- Material: Brass
- Finish: Polished brass, bright chrome or miralloy
- Available as one- or two-sided with through-going fixing screws for door thickness 25-110 mm
- Available in two lengths: 300 and 400 mm
- Support bracket 040 or 041 is recommended for wooden doors
- A special fitting set is used for fixing in glass doors
- Measurements, see page 63



342

343

## 327

### Recommended application

This is the result of a re-thought within the art of designing pull handles. The shape of the handle fades from circular in both ends to a grip-friendly elliptic image over the middle. A true success!

### Features

- Material: Brass
- Finish: Polished brass, bright chrome or miralloy
- Available as one- or two-sided with through going fixing screws for door thickness 25-110 mm
- Length: 250 mm
- Support bracket 040 is recommended for wooden doors
- A special fitting set is used for fixing in glass doors
- Measurements, see page 63



327

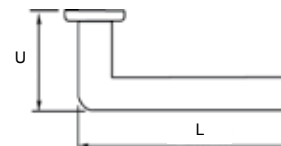


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for the latest information  
regarding our product range.

#### Lever Handle Measurements

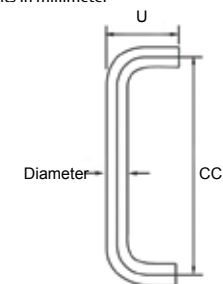
Measurements in millimeter



Model	L	U	Diameter
ASSA 1899	109	78	
ASSA 1918	114	79	
ASSA 1930	130	62	
ASSA 1956	111	69	
ASSA 1905	114	72	
ASSA 1923	118	74	
ASSA 1935	106	64	
ASSA 1949	112	65	
ASSA 640	110	55	
ASSA 696	106	55	
ASSA 6616	129	58	18
ASSA 6638	121	60	
ASSA 6640	110	55	
ASSA 6647	120	57	
ASSA 6696	106	55	
ASSA 5602	108	46	
ASSA 5614	115	48	
ASSA 7802	200	59	
ASSA 8650	137	80	20
ASSA 8665	135	71	20
ASSA 408	101	62	
ASSA 8670	142	87	20
ASSA 8680	130	65	20
ASSA 8685	144	80	20
ASSA 8690	164	60	20
ASSA 167		56	50
ASSA 496		40	50
ASSA Support	177	75	
ASSA 621 Båstad	96	74	
ASSA 623 Enskede	111	71	
ASSA 626 Gåshaga	125	70	
ASSA 73 Vinga	136	59	
ASSA 6670	121	53	
ASSA 6680	115	52	
ASSA 6611	117	47	

#### Pull Handle Measurements

Measurements in millimeter



Model	L	U	Diameter
ASSA 8630	300	80	25
	300	85	31
	300	100	38
	400	85	31
	400	100	38
ASSA 8631	300	85	25
	300	90	31
	300	100	38
	400	90	31
	400	100	38
ASSA 8632	300	80	25
	300	85	31
	400	85	31
ASSA 130	92	50	8
	138	60	12
	188	65	12
ASSA 131	138	56	12
	188	58	12
ASSA 137	160	60	16
	250	77	20
	400	77	20
ASSA 138	160	60	16
	250	77	20
	400	77	20
ASSA 325	250	87	25
ASSA 326	300	92	30
ASSA 417		67	19
ASSA 327	250	87	25
ASSA 342	300	85	25
	400	90	30
ASSA 343	300	85	25
	400	90	30



## Cylinder Accessories for ASSA Oval Cylinders

### 256, 2256, 2356, 9256, 18 256

#### Field of application

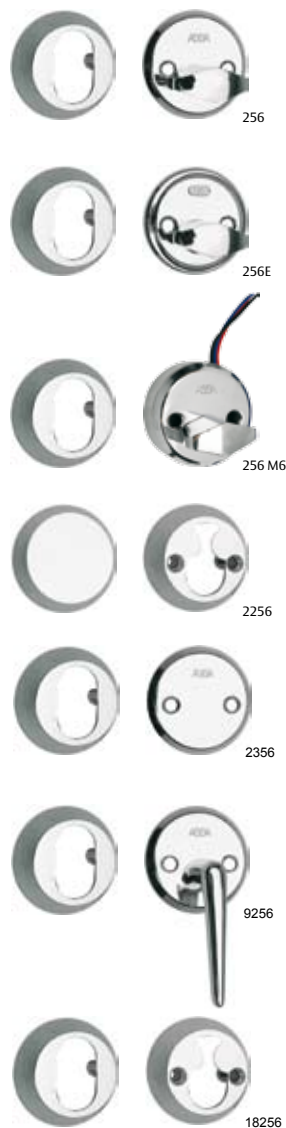
Cylinder accessories for interior and exterior locking.

#### Features

- Material: Brass
- Fits ASSA oval single cylinders
- Available in several decorative finishes
- Thumb turn rose is available in the Epok series
- Height of the cylinder ring and length of the screws and thumb turn follower are chosen according to the door thickness
- 9256 is available with thumb turn adjusted for easier opening and can be fixing on lock cases with 90° thumb turn rotation
- 256 is available with a micro switch for opening indication

#### Function

- Thumb turn for operating bolt and / or latch
- The cylinder ring obstructs damage to the cylinder



- 256 / 256E: Accessories for single cylinder and thumb turn. 256E thumb turn from Epok series.
- 256 M6: Accessory for single cylinder and thumb turn with a micro switch
- 2256: Accessory for cylinder on the inside and cover plate on the outside
- 2356: Accessory for cylinder on the outside and cover plate on the inside
- 9256: Accessory for single cylinder and extended thumb turn for disabled individuals
- 18256: Accessory for oval double cylinder



## Cylinder Accessories for ASSA Euro Profile Cylinders

### 18 256 DIN

#### Field of application

Cylinder accessories for interior and exterior locking.

#### Features

- Material: Brass
- Fits double euro-profile cylinders
- Available in several decorative finishes

#### Function

The cylinder ring gives a decorative look and obstructs damage to the cylinder.



## Double Cylinder Lock

### Accessory set 5761-1 and 5761-3 for Double cylinder lock

#### Fields of application

This is an accessory set that permits opening by two cylinders that are independent of each other. Suitable in cases when two lock systems or cylinder models must be able to open the same lock.

#### Features

- Suits lock case ASSA 5761
- Fits all oval cylinders of the ASSA assortment
- Available with electric strike
- Accessory set 5761-1 contains a cylinder accessory with a special adapter for external lever handle position and an external pull handle. Must be supplemented with an inside handle-half and cylinder accessory 2356 for the cylinder position
- Accessory set 5761-3 contains a double-sided cylinder accessory with a special adapter for external lever handle position and an external dual pull handle.
- Must be supplemented with cylinder accessory 18256 for the cylinder position

#### Function

- Accessory set 5761-1: The latch bolt of the lock case is pulled open with a key through one of the two external cylinders. From the inside it's opened by the lever handle.
- Accessory set 5761-3: The latch bolt of the lock case is pulled open with a key through one of the two cylinders from both the inside and the outside.







## Cylinder Accessories for ASSA Oval Cylinders - Stainless Steel

ASSA stainless steel lever handles, pull handles and accessories are ideal for modern public areas such as institutions and offices. The stainless material is resistant to corrosion and strong air pollutants and is recommended for use in environments with high hygienic requirements.



8256RF



2256RF



2356RF

### 8256RF, 2256RF, 2356RF

#### Field of application

Cylinder accessories for interior and exterior locking.

#### Features

- Fits ASSA oval single cylinders
- All visible parts in satin brushed stainless steel
- Height of the cylinder ring and length of the screws and thumb turn follower are chosen according to door thickness

#### Function

- Thumb turn for operating bolt and / or latch
- The cylinder ring obstructs damage to the cylinder
- 8256 RF Accessory for single cylinder and thumb turn
- 2256 RF Accessory for cylinder on the inside and blind rose on the outside
- 2356 RF Accessory for cylinder on the outside and blind rose on the inside



18256RF

### 18 256RF

#### Field of application

Cylinder accessory for interior and exterior locking.

#### Features

- Fits ASSA oval double cylinders
- All visible parts in satin brushed stainless steel
- Height of the cylinder ring and length of the screws and thumb turn follower are chosen according to door thickness
- Can be fitted with one-way screws to prevent unauthorized dismantling

#### Function

- The cylinder ring obstructs damage to the cylinder.
- 18256 RF Accessory for oval double cylinder



## Cylinder Accessories for ASSA Round Cylinders

### Cylinder Accessories 3212

#### Field of application

For perimeter protection and other important doors.



3212

#### Features

- Fits ASSA round double cylinders
- Available in several decorative finishes
- The accessory set (screws and, if necessary, cylinder extensions) are chosen according to the door thickness

#### Function

Decorative cylinder accessories.

- 3212: Accessory for round double cylinder

### Round Thumb turn Cylinder 3211

#### Field of application

Accessory set with thumb turn function for round cylinders.



3211

#### Features

- Fits ASSA round single cylinders
- Available in several decorative finishes
- The accessory set (screws and, if necessary, cylinder extensions) are chosen according to the door thickness

#### Function

Cylinder accessories with thumb turn function for decorative fitting.

- 3211: Accessory for round single cylinder and thumb turn

### Round Blind Cylinder 3212B

#### Field of application

Accessory set with a round blind cylinder for perimeter protection and other important doors where key access from the inside only is desired.



3212B

#### Features

- Material: Brass
- Fits ASSA inside round cylinders
- The accessory set includes a drill / vandalism proof round blind cylinder to be fitted on the outside of the door plus decorative cylinder accessories
- Blind outside cylinder sleeve
- Available in several decorative finishes
- The accessory set (screws and, if necessary, cylinder extensions) are chosen according to the door thickness

#### Function

- Cylinder accessories for decorative fitting with key function on the inside only
- Cannot be opened from the outside
- 3212B: Accessory for round single cylinder and round blind cylinder



## Cylinder Accessories for ASSA Round Cylinders



3212RF

## Cylinder Accessories 3212 RF

## Field of application

For perimeter protection as well as for other important doors.

## Features

- Fits ASSA round double cylinders
- All visible parts in satin brushed stainless steel
- The accessory set (screws and, if necessary, cylinder extensions) are chosen according to the door thickness

## Function

Cylinder accessory for decorative fitting.

- 3212RF: Accessory for round double cylinder



3211RF

## Round Thumb turn Cylinder 3211RF

## Field of application

Accessory set with thumb turn function for round cylinder.

## Features

- Fits ASSA round single cylinders
- All visible parts in satin brushed stainless steel
- The accessory set (screws and, if necessary, cylinder extensions) are chosen according to the door thickness

## Function

Decorative cylinder accessory with thumb turn function.

- 3211RF: Accessory for round single cylinder and thumb turn function



## Opening Device Accessories

## 8560, 8560:2, 8560:4

**Note!** Not approved according to EN 179. See page 102-105 for approved accessories.

## Field of application

For ASSA modular locks 8561 alt. 8562.

8560:2 Recommended for passage doors, two-way opening

8560:4 Recommended in case of frequent opening from the outside

## Features

- Two-piece plastic with two connecting break pins
- The plastic dome can be reused by assembling new break pins
- Assembled with two through-going screws at the handle follower
- Bottom plate: 69 mm Ø
- Available in several decorative finishes

## Function

When opening, the plastic dome is turned until the break pins snap. The plastic dome is then used to operate the thumb turn and to make exit possible.

- 8560: Opening device accessory for the inside. Cover rose on the outside

- 8560:2: Opening device accessory for the in- and outside

- 8560:4: Opening device accessory for the inside. Pull knob 496 on the outside



8560



8560:2



8560:4

## 8561

## Field of application

For ASSA modular locks 8561 and 8562 used in doors at power transformation plants, high voltage plants and similar where possible fire damages can cause difficulties to open the lock using a regular thumb turn.

## Features

- Assembled with two through-going screws at the handle follower
- Available in several decorative finishes

## Function

Lever handle 640 for the inside, pull knob 496 for the outside. The inside handle always allows exit.



## 8061

## Field of application

For ASSA oval cylinder and double latch locks in doors equipped with access control systems to prevent opening via thumb turn. Not recommended for doors in evacuation paths.

## Features

- For inside assembling in combination with external oval cylinder
- Assembled with two through-going screws at the handle follower
- A plastic dome is fitted over the thumb turn in order to prevent uncontrolled opening
- The plastic dome can be replaced after opening

## Function

- To open the door via the thumb turn, smash in the plastic dome or break it apart
- A broken plastic dome indicates mechanical opening
- After opening, the thumb turn automatically regain initial position





## Toilet Accessories

## 265, 265E, 5265, 9265, 95265, 9565T

## Field of application

For institutions and public places.

## Features

- Material: Brass
- Fits lock cases ASSA 565 and 310-50/70
- Can be opened from the outside
- Available in several decorative finishes
- Model 9265 and 95265 has an extended thumb turn for easier opening
- The length of the screws and the square spindle are chosen according to the door thickness

## Function

- 265/265E: Inside thumb turn. 265E with thumb turn and outside indicator from the Epok-series  
Red/white indication on the in- and outside  
Can be opened from the outside with a screwdriver
- 5265: Inside thumb turn  
Red/white indication on the in- and outside  
Can be opened from the outside with a panic key
- 9265: Extended thumb turn on the inside for easier opening  
Red/white indication on the outside  
Can be opened from the outside with a screwdriver
- 95265: Extended thumb turn on the inside for easier opening  
Red/white indication on the outside  
Can be opened from the outside with a panic key
- 9565T: Locked / opened from the inside by lifting the lever handle upwards and pressing it downwards. "Flip-up"  
Red/white indication on the outside  
Can be opened from the outside with a screwdriver  
Note! When the C-measurement is less than 20 mm a cover plate is needed on the inside, e.g. ASSA 4291

## Toilet Accessories, Stainless Steel

## Toilet Accessories 8265RF

## Field of application

For toilet doors in all kinds of environments.

## Features

- Fits ASSA lock cases 565 och 310-50/70
- Red/white indication on the in- and outside
- All visible parts in satin brushed stainless steel
- The length of the screws and the square spindle are chosen according to the door thickness
- Bolt-through fixing with two screws 5 mm Ø and fixed nipples

## Function

- Thumb turn function on the inside
- Can be opened from the outside with a screwdriver



265



265E



5265



9265



95265



9565T



## Toilet Accessories, Nord

## Toilet Indicator 260

## Field of application

Toilet indicator 260 is a toilet accessory of the Nord series intended for interior door locks FAS 2020, ABLOY 2014 and FAS 40T within the residential sector.

## Features

- Material: Brass
- Finish: Bright chrome, satin chrome, polished brass and satin brass
- Rose: 52 mm Ø
- Red / white indication on the in- and outside
- Bolt-through fixing with two screws 5/32" Ø and fixed nipples

## Function

- Inside thumb turn
- Can be opened from the outside with a screwdriver

## Toilet Accessories, Vinga

## ASSA 7360

## Field of application

ASSA 7360 is a toilet accessory from the Vinga series intended for the interior door locks FAS 2020, ABLOY 2014, 414 and FAS 40T within the residential sector. When combined with lever handle ASSA 73 of the Vinga series the impression of the image is appreciably increased.

## Features

- Material: Zinc
- Finish: Bright chrome, satin chrome and miralloy
- Bolt-through fixing with two screws, 5 mm Ø, and fixed nipples
- Rose: 52 mm Ø
- For 40 mm door thickness
- Red / white indication on the in- and outside

## Function

- Inside thumb turn
- Can be opened from the outside with a screwdriver.

## 5614

## Field of application

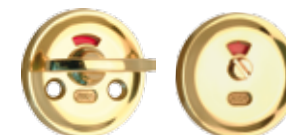
Toilet accessories 5614 is intended for use on light interior doors within the residential sector. We recommend complementing the accessories with handle ASSA 5614 from the same series.

## Features

- Material: Zinc
- Finish: bright chrome and miralloy
- Rose: 49 mm Ø
- Red / white indication on the in- and outside
- Bolt-through fixing with two screws Ø 4 mm and fixed nipples
- For 40 mm door thickness

## Function

- Inside thumb turn
- Can be opened from the outside





4265

### Cover Plates for ASSA Modular Locks

**4265**

#### Field of application

Accessory to cover door preparation for cylinder.

#### Features

- Material: Brass
- Available in several decorative finishes
- 52 mm Ø



992

**992**

#### Field of application

Accessory to cover door preparation for lever handle.

#### Features

- Available in several decorative finishes
- Bolt-through fixing with 5 mm Ø screws and nipples
- 52 mm Ø



2995

### Key Plate Nord - 2995

#### Field of application

This keyplate of the Nord series is intended for the interior door locks FAS 2020, FAS 40C and ABLOY 2014 within the residential sector.

#### Features

- Material: Brass
- Finish: Bright chrome, satin chrome, polished brass or satin brass
- Rose: 52 mm Ø
- Bolt-through fixing with two screws 5/32" Ø and fixed nipples



7390

### Key Plate Vinga - ASSA 7390

#### Field of application

ASSA 7390 is a keyplate of the Vinga series intended for the interior door locks FAS 2020, FAS 40C and ABLOY 2014 within the residential sector. When combined with lever handle ASSA 73 of the Vinga series the impression of the image is appreciably increased.

#### Features

- Material: Zinc alloy
- Finish: Bright chrome, satin chrome or miralloy
- Bolt-through fixing with two screws, 5 mm Ø, and fixed nipples
- Rose: 52 mm Ø
- For 40 mm door thickness

### Key Plate 5614

#### Field of application

Keyplate 5614 is intended for use on light interior doors within the residential sector. We recommend complementing the accessory with handle ASSA 5614 from the same series.

#### Features

- Material: Zinc
- Finish: bright chrome and miralloy
- Bolt-through fixing with two screws, 4 mm Ø, and fixed nipples
- Rose: 49 mm Ø
- For 40 mm door thickness



**4289**

#### Field of application

Cover plate for use in combination with auxiliary locks.

#### Features

- Material: Brass
- Standard width: 70 mm Height: 175 mm
- Available in several decorative finishes

#### Function

- Decorative hardware
- Covers existing groundwork when the lock is replaced
- Cover plate for door strengthens accessories 4290



4289

**64, 4291, 4291:1, 4294, 4295**

#### Field of application

Cover-/thumb turn plates for the Modular and Evolution lock series.

#### Features

- Material: Brass
- Standard width: 70 mm Height: 230 mm  
(Also available in 60 mm width and 220 mm height)
- Available with and without space for lever handle
- Comes in several decorative finishes
- Available as thumb turn cover plate

#### Function

- Decorative hardware
- Covers existing groundwork when the lock is replaced
- Cover plate for door strengthens accessory 4292 (70 mm width only)



64/4291

4291-1



4294-60/70

- 64 Cover plate 60 mm, space for cylinder/lever handle
- 4291 Cover plate 70 mm, space for cylinder/lever handle
- 4291-1 Cover plate 70 mm, space for cylinder only
- 4294-70 Thumb turn plate 70 mm, space for cylinder/lever handle
- 4294-60 Thumb turn plate 60 mm, space for cylinder/lever handle
- 4295-70 Plate set 70 mm Thumb turn / cover plate, space for cylinder / lever handle
- 4295-60 Plate set 60 mm Thumb turn / cover plate, space for cylinder / lever handle



### Decorative Plate, Stainless Steel

#### 4256 RF / 4356 RF

##### Field of application

Decorative longplate and thumb turn plate that can be combined with a variety of lock functions within the modular lock series plus lever handle and cylinder accessories.

##### Features

- Material: Stainless steel
- Constructed with two alternative functions; decoration plate alt. thumb turn plate
- Concealed mounting
- Dimensions: 216 x 60 x 3 mm
- Comment; 4356 RF - inside thumb turn plate for ASSA 2000 and 2002

##### Function

- The plates designed in the spirit of the Epok series makes decorative hardware
- In combination with ASSA 2000 or 2002, the thumb turn plate is used for home-convenient locking
- The plate protects the door from damages and also covers existing damages



4256RF



4356RF



### Decorative Plate - Epok-series

#### 4299, 4399, 4218, 4318, 4230, 4330, 4256, 4356

##### Field of applications

Decorative longplate and thumb turn plate that can be combined with a variety of lock functions within the modular lock series plus lever handle and cylinder accessories.

##### Features

- Material: Brass
- Constructed with two alternative functions; decoration plate alt. thumb turn plate
- Available in several decorative finishes
- Concealed mounting

##### Function

- The designed plates in the Epok series makes decorative hardware
- In combination with ASSA 2000 and 2002, the thumb turn plate is used for home-convenient locking
- The decoration plate protects the door from damages and also covers existing damages

#### 4299 / 4399

The origin of this decoration plate goes back to the turn of the last century. The basic design reflects the national romantic style. In addition, the design is also influenced by Art Nouveau. 4299 / 4399 are primarily designed for use in combination with the Epok lever handle 1899.

Dimensions: 225 x 60 x 3 mm

Comment; 4399 - inside thumb turn plate for ASSA 2000 and 2002.

#### 4218 / 4318

The design of these plates is inspired by buildings representing well-known Swedish architecture. The plate is designed for the Epok lever handle 1918.

Dimensions: 225 x 60 x 3 mm

Comment; 4318 - inside thumb turn plate for ASSA 2000 and 2002.

#### 4230 / 4330

The Stockholm exhibition, faith in the future and the machine romance of the 1930's has inspired the design of this plate created for the Epok lever handle 1930.

Dimensions: 225 x 63 x 3 mm

Comment; 4330 - inside thumb turn plate for ASSA 2000 and 2002.

#### 4256 / 4356

The 1950's was the culmination of Swedish design. The discreet elegance of these plates reflects that era and with roots in Swedish tradition it's well-suited for the Epok lever handle 1956 as well as other handles and buildings with the 1950's spirit.

Dimensions: 216 x 60 x 3 mm

Comment; 4356 - inside thumb turn plate for ASSA 2000 and 2002.



4299

4399



4218

4318



4230

4330



4256

4356



### Door Reinforcement Accessories

#### 4290

##### Field of application

Door reinforcement accessory for auxiliary locks.

##### Features

- Material: Steel
- Standard width: 66 mm, Height: 170 mm
- Assembled with and hardened nipples
- Complement with cover plate 4289 (70 mm width) for a decorative exterior

##### Function

The bolt-through fixing and the steel plates reinforces the door and increases the ability to resist physical damage.



#### 4292

##### Field of application

Door reinforcement accessory for ASSA Modular and Evolution locks.

##### Features

- Material: Steel
- Standard width: 66 mm, Height: 230 mm
- Assembled with bolt-through fixing and hardened nipples
- Complemented with cover plate 4291 (70 mm width) alt. 4295-70 for a decorative exterior

##### Function

The bolt-through fixing and the steel plates reinforces the door and increases the ability to resist physical damage.



### Cylinder Accessories - Classic-series, for Narrow Profile Locks

#### 4859, 4959

##### Field of application

Decorative cylinder accessories for interior and exterior locking.

##### Features

- Material: Zinc
- Finish: Bright chrome
- Fits ASSA oval single cylinders
- Height of the cylinder ring and length of the screws and thumb turn follower are chosen according to door thickness
- Suits narrow profile latch locks

##### Function

The cylinder ring obstructs damage to the cylinder.

- 4859: With thumb turn plate and cylinder plate for the outside
- 4959: With thumb turn plate and blind plate without cylinder opening



4859



4959

#### 4159, 4359, 4459

##### Field of application

Decorative cylinder accessories for interior and exterior locking.

##### Features

- Material: Zinc
- Finish: Bright chrome
- Fits ASSA oval double or single cylinders
- Height of the cylinder ring and length of the screws and thumb turn follower are chosen according to door thickness
- Suits narrow profile latch locks

##### Function

- The cylinder ring obstructs damage to the cylinder
- Blind plate is available for one-way cylinder function
- 4159: With blind plate and cylinder plate for the outside
- 4359: With blind plate and cylinder plate for the inside
- 4459: For fitting double cylinder



4159



4359



4459



### Cylinder Accessories - Classic-series, for Narrow Profile Locks

#### 5859, 5959

##### Field of application

Decorative cylinder accessories for interior and exterior locking.

##### Features

- Material: Zinc
- Finish: Bright chrome
- Fits ASSA oval single cylinders
- Height of the cylinder ring and length of the screws and thumb turn follower are chosen according to door thickness

##### Function

- The cylinder ring obstructs damage to the cylinder
- With handle function
  - 5859: With handle and thumb turn plate for the inside and handle plate with cylinder for the outside
  - 5959: With handle and thumb turn plate for the inside and handle plate without cylinder for the outside



5859



5959



### Cylinder Accessories - Classic-series, for Narrow Profile Locks

#### 5059, 5159, 5359, 5459

##### Field of application

Decorative cylinder accessories for interior and exterior locking.

##### Features

- Material: Zinc
- Finish: Bright chrome
- Fits ASSA oval single and double cylinders
- Height of the cylinder ring and length of the screws and thumb turn follower are chosen according to door thickness
- Suits narrow profile handle and cylinder latch locks

##### Function

- The cylinder ring obstructs damage to the cylinder
- Blind plate is available for one-way cylinder function
- With handle function
  - 5059: With handle plates without cylinder opening
  - 5159: With handle for the inside and handle plate with cylinder opening for the outside
  - 5359: With lever handle and cylinder plate for the inside and handle plate without cylinder opening for the outside
  - 5459: With handle plates for fitting double cylinder



5059



5159



5359



5459





### Opening Accessories for Narrow Profile Locks, Classic-series

#### 8362

##### Field of application

For narrow profile lock 1380, 1385 and 13 585 in doors with narrow frame profiles and equipped with access control system to prevent opening via thumb turn.

##### Features

- Material: Zinc
- Finish: Bright chrome
- For inside assembling in combination with external ASSA oval cylinder
- Assembled with four through-going screws
- A plastic cover is fitted over the thumb turn in order to prevent uncontrolled opening
- The plastic cover can be replaced after opening
- Not recommended for doors in evacuation paths

##### Function

- To open the door, smash in the plastic cover or break it apart
- A broken plastic cover indicates mechanical opening
  - 8362 Complete: Inside plate with opening device accessory and cylinder plate for the outside
  - 8362 Opening accessory: Inside plate with opening device accessory



### Opening Accessories S3 for Narrow Profile Locks, Classic-series

#### 88362/S3

##### Field of application

For narrow profile lock 1380, 1385 and 13 585 in doors with narrow frame profiles and equipped with access control system, to prevent opening via thumb turn.

##### Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- For inside assembling in combination with external ASSA oval cylinder
- Assembled with four through-going screws
- A plastic cover is fitted over the thumb turn in order to prevent uncontrolled opening
- The plastic cover can be replaced after opening
- Not recommended for doors in evacuation paths

##### Function

- To open the door, smash in the plastic cover or break it apart
- A broken plastic cover indicates mechanical opening
  - 88362/S3 Complete: Inside plate with opening device accessory and cylinder plate for the outside
  - 88362/S3 Opening accessory: Inside plate with opening device accessory



### Opening Accessories S4 for Narrow Profile Locks, Evolution-series

#### 88362E/S4

##### Field of application

For narrow profile lock 231 and 232 in the Evolution series for doors with narrow frame profiles and equipped with access control system.

##### Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- For inside assembling in combination with external ASSA oval cylinder
- Assembled with four through-going screws
- A plastic cover is fitted over the thumb turn in order to prevent uncontrolled opening
- The plastic cover can be replaced after opening
- Not recommended for doors in evacuation paths

##### Function

- To open the door, smash in the plastic cover or break it apart
- A broken plastic cover indicates mechanical opening
  - 88362E/S4 Complete: Inside plate with opening device accessory and cylinder plate for the outside
  - 88362E/S4 Opening accessory: Inside plate with opening device accessory





## Cylinder Accessories S3 for Narrow Profile Locks, Classic-series

## 44159, 44459

## Field of application

Decorative cylinder accessories for interior and exterior locking.

## Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Length of the screws and thumb turn follower are chosen according to the door thickness
- Suits narrow profile cylinder latch locks

## Function

- Blind plate is available for one-way cylinder function
  - 44159 With blind plate and cylinder plate
  - 44459 For fitting double cylinder



44159



44459



44859



44959

## 44859, 44959

## Field of application

Decorative cylinder accessories for interior and exterior locking.

## Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Length of the screws and thumb turn follower are chosen according to the door thickness
- Suits narrow profile cylinder latch locks

## Function

- 44859 With thumb turn plate and cylinder plate
- 44959 With thumb turn plate and blind plate



## Cylinder Accessories S3 for Narrow Profile Locks, Classic-series

## 55059, 55159, 55459

## Field of application

Decorative cylinder accessories for interior and exterior locking.

## Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Length of the screws and thumb turn follower are chosen according to the door thickness
- Suits narrow profile cylinder latch locks

## Function

- Blind plate is available for one-way cylinder function
  - 55059: With handle plates and without cylinder opening
  - 55159: With handle plate and handle plate with cylinder opening
  - 55459: With handle plates for fitting double cylinder



55059



55159



55459

## 55859, 55959

## Field of application

Decorative cylinder accessories for interior and exterior locking.

## Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Length of the screws and thumb turn follower are chosen according to the door thickness
- Suits narrow profile cylinder latch locks

## Function

- Blind plate is available for one-way cylinder function
- Handle function with return spring
  - 55859: With handle and thumb turn plate plus handle plate with cylinder opening
  - 55959: With handle and thumb turn plate plus handle plate without cylinder opening



55859



55959



## Cylinder Accessories S4 for Narrow Profile Locks, Evolution-series

### 44159E, 44459E

#### Field of application

Decorative cylinder accessories for interior and exterior locking.

#### Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Length of the screws and thumb turn follower are chosen according to the door thickness
- Suits narrow profile Evolution cylinder locks with 35 mm backset

#### Function

- Blind plate is available for one-way cylinder function
  - 44159E: With blind plate and cylinder plate
  - 44459E: For fitting double cylinder



44159E



44459E



44859E



44959E

### 44859E, 44959E

#### Field of application

Decorative cylinder accessories for interior and exterior locking.

#### Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Length of the screws and thumb turn follower are chosen according to the door thickness
- Suits narrow profile Evolution cylinder locks with 35 mm backset

#### Function

- 44859E: With thumb turn plate and cylinder plate
- 44959E: With thumb turn plate and blind plate

### Distance Plate S4 ROT

#### Field of application

Used when a 28 mm backset lock case is replaced by one with 35 mm.

#### Features

- Material: Stainless steel
- Finish: Satin steel
- Distance plate thickness: 1,5 mm

#### Function

The distance plate covers existing groundwork on the door when a 28 mm backset narrow profile lock case is replaced by a 35 mm backset lock case of the Evolution series.



## Cylinder Accessories S4 for Narrow Profile Locks, Evolution-series

### 55059E, 55159E, 55459E

#### Field of application

Decorative cylinder accessories for interior and exterior locking.

#### Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Length of the screws and thumb turn follower are chosen according to the door thickness
- Suits narrow profile Evolution cylinder locks with 35 mm backset

#### Function

- Blind plate is available for one-way cylinder function
- Handle function with return spring
  - 55059E: With handle plates without cylinder opening
  - 55159E: With handle plate and handle plate with cylinder opening
  - 55459E: With handle plates for fitting double cylinder



55059E



55159E



55459E

### 55859E, 55959E

#### Field of application

Decorative cylinder accessories for interior and exterior locking.

#### Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Length of the screws and thumb turn follower are chosen according to the door thickness
- Suits narrow profile Evolution cylinder locks with 35 mm backset

#### Function

- Blind plate is available for one-way cylinder function
- Handle function with return spring
  - 55859E: With handle and thumb turn plate plus handle plate with cylinder opening
  - 55959E: With handle and thumb turn plate plus handle plate without cylinder opening



55859E



55959E



## High Security Accessories for Narrow Profile Locks, Classic-series

### 4559, 4659, 4759

#### Field of application

For night-time locking of shops, department stores, offices etc.

#### Features

- Material: Steel
- Finish: Bright chrome
- Fits ASSA oval single or double cylinders
- Suits narrow profile lock ASSA 13787
- Assembled with 3 hardened steel bolts and 3 one-way screws plus hardened nipples
- Can be complemented with 2 mm or 4 mm distance plates to fit different door thicknesses

#### Function

- The cylinder accessories prevents damage on the cylinder in case of an attack
- The bolt-through fixing and the steel plates reinforces the door and increases the ability to resist physical damage
  - 4559: For double cylinder
  - 4659: For single cylinder, outside assembling only
  - 4759: For single cylinder, inside assembling only



4559



4659



4759



## High Security Accessories for Narrow Profile Locks, Evolution-series

### 4559E, 4659E, 4759E, 5559E, 5659E, 5759E

#### Field of application

For night-time locking of shops, department stores, offices etc.

#### Features

- Material: Steel
- Finish: Bright chrome
- Fits ASSA oval single or double cylinder
- Suits mechanical and motorised narrow profile Evolution locks with hook bolt
- Assembled with 3 hardened steel bolts and 3 one-way screws plus hardened nipples
- Can be complemented with 2 mm or 4 mm distance plates to fit different door thicknesses
- 4559E and 4759E can also be assembled with motor lock ASSA 811-35

#### Function

- The cylinder accessories prevents damage on the cylinder in case of an attack
- The bolt-through fixing and the steel plates reinforces the door and increases the ability to resist physical damage
  - 4559E: For double cylinder. They suit motor lock ASSA 811-35
  - 4659E: For single cylinder, outside assembling only. They suit motor lock ASSA 811-35
  - 4759E: For single cylinder, inside assembling only. They suit motor lock ASSA 811-35
  - 5559E: For double cylinder, with handle
  - 5659E: For single cylinder, outside assembling only, with handle
  - 5759E: For single cylinder, inside only assembling, with handle



4559E



4659E



4759E



5559E



5659E



5759E



### Thumb turn Accessories for Motor Locks, Modular

#### Thumb turn Adapter 257



##### Field of application

For motor lock ASSA 8000S and ASSA 8001S in combination with cylinder accessory 256.

##### Features

- Finish: Bright nickel
- Complements cylinder accessory 256, assembled under the thumb turn
- Built-in return spring in the thumb turn washer

##### Function

When the thumb turn is turned for opening the return spring tightens, the tightened spring then brings the thumb turn into the initial position when released.



#### Thumb turn Cylinder, Round

##### Field of application

For motor locks in combination with ASSA round outside cylinder. Can just as suitably be used with other ASSA Modular or Evolution lock cases with 50 mm back set.

##### Features

- Used as thumb turn in combination with an outside round cylinder
- Built-in, magnetic return mechanism for automatic and smooth regain of initial thumb turn position
- Used in combination with ASSA accessory 3212

##### Function

When the thumb turn is turned for opening the magnetic return mechanism brings the thumb turn back to its original position.



#### Thumb turn Cylinder, Oval

##### Field of application

Primarily designed for motor locks in combination with ASSA oval outside cylinder. Can just as suitably be used with other lock cases with 35 or 50 mm back set that have a 360°-key turning function, such as the ASSA 8765 and ASSA 410 lock cases.

##### Features

- Used as thumb turn in combination with an outside oval cylinder
- Built-in, magnetic return mechanism for automatic and smooth regain of initial thumb turn position

##### Function

When the thumb turn is turned for opening the magnetic return mechanism brings the thumb turn back to its original position.



### Opening Device Accessories for Motor Locks, Modular

#### Opening Device Accessory 8060



##### Field of application

For motor locks 8000S and 8001S.

##### Features

- For inside assembling in combination with an external ASSA oval cylinder
- A plastic dome is fitted over the thumb turn in order to prevent uncontrolled opening
- The plastic dome can be replaced after opening
- Not recommended for doors in evacuation paths

##### Function

- To open the door via the thumb turn, smash in the plastic dome or break it apart
- A broken plastic dome indicates mechanical opening

The thumb turn has a holding mechanism that keeps the motor lock in an unlocked position after opening. This function must be mechanically restored to put the device in operation after opening.



## Opening Device Accessories for Narrow Profile Motor Locks, Evolution

### Opening Device Accessory 84562E

#### Field of application

Opening device accessory for the motorised narrow profile hookbolt lock ASSA 8115-35 in the Evolution series.

#### Features

- Material: Steel
- Finish: Bright chrome
- For inside assembling in combination with an external ASSA oval cylinder
- Thumb turn cylinder with a thumb turn for the inside is included
- A plastic cover is mounted fixed over the thumb turn
- Assembled with 3 hardened steel bolts and 3 one-way screws plus hardened nipples
- Standard for 65 mm door thickness with the lock case assembled in the center
- Can be complemented with 2 mm or 4 mm distance plates to fit different door thicknesses
- Not recommended for doors in evacuation paths

#### Function

To open the door via the thumb turn, smash in the plastic dome or break it apart.

- 84562: Inside plate with opening device accessory and cylinder plate for the outside
- 84562:1 Inside plate with opening device accessory
- 84562:2 Opening device accessory only

## Opening Device Accessories for Narrow Profile Motor Locks, Classic

### Opening Device Accessory 84562

#### Field of application

For hook bolt lock ASSA 8087S. For inside assembling in combination with an external oval cylinder.

#### Features

- Material: Steel
- Finish: Bright chrome
- For inside assembling in combination with an external ASSA oval cylinder
- Thumb turn cylinder with a thumb turn for the inside is included
- A plastic cover is mounted fixed over the thumb turn
- Assembled with 3 hardened steel bolts and 3 one-way screws plus hardened nipples
- Standard for 65 mm door thickness with the lock case assembled in the center
- Can be complemented with 2 mm or 4 mm distance plates to fit different door thicknesses
- Not recommended for doors in evacuation paths

#### Function

To open the door via the thumb turn, smash in the plastic dome or break it apart.

- 84562: Inside plate with opening device accessory and cylinder plate for the outside
- 84562:1 Inside plate with opening device accessory
- 84562:2 Opening device accessory only



## High Security Accessories for Narrow Profile Motor Locks, Classic

### 84559, 84659, 84759

#### Field of application

For night-time locking of shops, department stores, offices etc. in combination with hook bolt motor lock ASSA 8087S.

#### Features

- Material: Steel
- Finish: Bright chrome
- For ASSA narrow profile motor locks
- Assembled with 3 hardened steel bolts and 3 one-way screws plus hardened nipples
- Can be complemented with 2 mm or 4 mm distance plates to fit different door thicknesses

#### Function

- The cylinder accessories prevents damage on the cylinder in case of an attack
- The bolt-through fixing and the steel plates reinforces the door and increases the ability to resist physical damage
- 84559: For double cylinder
- 84659: For single cylinder, outside assembling only
- 84759: For single cylinder, inside assembling only

**Security Accessories for Narrow Profile Locks, Evolution-series, see page 87.**



84559



84659



84759



## Miscellaneous Accessories

### Wall Key Deposit 390877

#### Field of application

Wall key deposit for local service keys etc.

#### Features

- Complemented with cylinder and suitable lever handle for assembling in wall according to the instructions for use
- Available with built-in micro switch for alarm device
- Assembled recessed in the wall at 1,5-2 m height recommended
- Wall key deposit: 45 mm Ø. Length: 137 mm

#### Can be combined with following cylinders:

Cylinder Twin Pro 6118

Cylinder Twin Global 7618

Cylinder Twin 6518

Cylinder dp 4418

390877-100 Key deposit tube

390877-130 Key deposit tube with micro-switch

491859 Hardened socket for frontal protection. 51 mm Ø. Length: 25 mm

466646 Fixing plate with bolt and nut. 60 mm Ø



390877



## Miscellaneous Accessories

### Rim Lock Cover 2896

#### Field of application

For surface mounting of modular locks in thin doors and gates.

#### Features

- Material: Bright nickel-plated steel
- Can be assembled with screws (6 mm Ø), rivets or by welding
- For symmetrical lock cases in the modular lock case series
- For lock cases with 50 mm backset

#### Function

Provides surface mounting of modular locks



### Automatic Sealing Threshold ASSA T 100

#### Field of application

For fire, smoke and sound isolation in wooden swing doors where a regular threshold cannot be mounted.

#### Features

- Flush mounting on the lower edge of the door or with a surface mounting list
- Available in several lengths as standard and can easily be adapted to doors between 288 mm to 1324 mm, other lengths can be ordered
- Easy to adjust for floor chinks 5-20 mm
- When flush mounted it's approved for fire resisting doors class EI 30
- When flush mounted it's approved for RW 30 dB if mounted in 35 dB door
- Minimum of 2 million openings
- Suits both right and left doors

#### Function

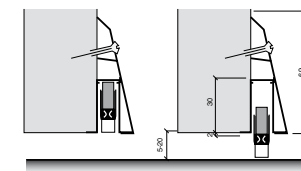
- When the door is closed and the adjustable pin meets the door frame, the sealing threshold is lowered quickly and silently against the floor. When the door is opened and the adjustable pin leaves the door frame, the mechanism lifts the sealing list immediately so that it doesn't scrape the floor during opening.
- The sealing threshold is designed to level automatically if the floor slopes and to function silently.

#### Accessories

Strikes for the short ends of the sealing threshold.

Aluminium strip for surface mounting.

Note! Not approved for fire and sound classification.



External mounting strip made of aluminium





## ASSA Support-series

### Field of application

Exit devices with ergonomic design that facilitate the opening of doors and windows for all, especially people with various grades of disability

### Lever Handle Support

#### Features

- Material: Zinc
- Finish standard: Miralloy (nickel proof)
- Fits all ASSA modular locks, inner door locks and all lock cases with fixings that are 30° offset from the horizontal

#### Function

- Built-in return spring maintain to keep the lever handle in the right position
- Assembled with through-going M5 screws and nipples
- Standard for door thicknesses 40-57 mm and 58-75 mm
- Recommended lock case: ASSA 565 HD

### Door Thumb turn Support

#### Features

- Material: Zinc
- Finish standard: Miralloy (nickel proof)
- Fits ASSA standard assortment of cylinder- and toilet accessories in the modular lock series

#### Function

Only recommended for lock cases with 90° cylinder turn, e.g. ASSA 565 HD.

### Window Handle Support

#### Features

- Material: Zinc
- Finish standard: Miralloy (nickel proof)
- Fits window espagnolettes, e.g. Fix

#### Function

- Built-in support spring to facilitate opening and closing manoeuvres
- Assembled with enclosed wood screws



## Climate Protection

### Field of application

Ideal for gates and doors in demanding environments. Protects the cylinder against e.g. rain, snow and dust.

#### Features

- Material: Stainless steel and rubber
- Suits ASSA round and oval cylinders

#### Function

- Assembled under the cylinder ring
- Pre-drilled holes for fixing screws or welding



## Door Stops

### Field of application

Door stops for wall or floor mounting to prevent the door from causing damage. The door stops have a thought out design and are made of stainless steel which guarantees a long life and high quality.

#### Features

- Finish: Satin brushed stainless steel and black rubber
- Mounted on the wall or floor with enclosed screws

#### Function

- Prevents the door from causing damage
- Facilitates floor cleaning when mounted on wall

- 8625G - floor mounted, ø 45 mm, height 25 mm
- 8655G - floor mounted, ø 20 mm, height 55 mm
- 8670V - wall mounted, Rose: ø 50 x 5 mm, length 70 mm
- 8645G - floor mounted, Rose: ø 50 x 5 mm, height 45 mm
- 8675G/V - wall or floor mounted, Rose: ø 50 x 5 mm, height 75 mm



8625G



8655G



8670V



8645G



8675G/V



## Panic Exit Device

### ASSA Panic Exit Device 1125

#### Field of application

Panic exit device for outgoing hinged door. Combined with a ASSA flush lock case 1525 or 1526 with 50 mm backset. Ideally suited for emergency escape doors in shopping malls, hotels, schools, hospitals, theatres, arenas etc. where panic can arise during evacuation.

#### Features

- Panic exit device with horizontal pushbar
- A muntin bar is needed when mounted
- Certificated and CE approved according to the European Standard EN 1125 and Construction Products Directive 89/106/EEG
- Approved for mounting in fire resisting doors up to and including class E/EI60
- Available in various lengths for various door module dimensions
  - 1125 M8 For door leaf width; 670-815 mm
  - 1125 M9-10 For door leaf width; 816-1010 mm
  - 1125 M11-14 For door leaf width; 1011-1300 mm

- All visible parts in satin brushed stainless steel
- Available in left or right suited versions
- Fits cylinder kit ASSA 725, 4625, 4825, 5625, 5825, 6525 and 7625

#### Function

- The door can always be opened from the inside by using the panic exit device
- Micro-switch function indicates use of the panic exit device
- Authorised passage by key from both the inside and the outside is always possible
- With a handle on the outside of the door it's possible to regain entry

### Accessory 3325 and 3425 for Panic Exit Device ASSA 1125

#### Field of application

Accessory for decorative and functional mounting in combination with panic pushbar ASSA 1125 and lock case ASSA 1525 alt 1526.

#### Features

- Material: Brass
- For assembling with cylinder types: ASSA 725, 4625, 4825, 5625, 5825, 6525 alt. 7625
- Available in several decorative finishes

#### Function

Accessory for decorative and functional mounting

- 3325: Decorative cylinder socket and round cylinder ring. Lever handle ASSA 6696 for the outside. The external handle on the door makes it possible to regain entry.
- 3425: Decorative cylinder socket and round cylinder ring. Cover plate for outside lever handle space. After opening the door return to locked position and cannot be opened from the outside without key.



All products are certified and CE approved according to the European Standard EN 179 or EN 1125 and Construction Products Directive 89/106/EEG

Please see our webpage:  
[www.assa.se](http://www.assa.se)



3325



3425



## Lock Case Evolution for Panic Exit Device ASSA 1125

### Lock case 740-50, -70:

- Lock case with hookbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle
- Lever handle latchbolt keeps the door closed in case of fire
- Can be combined with electric strike STEP 18/28
- Available with ME micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1125

### Lock case 761-50, -70:

- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle in combination with the electric strike which automatically switches to an unlocked position after indication from the fire alarm or evacuation alarm
- Lever handle latchbolt keeps the door closed in case of fire
- Cylinder latchbolt, lockable into lock case with lock-back key
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1125

### Lock case 762-50, -70:

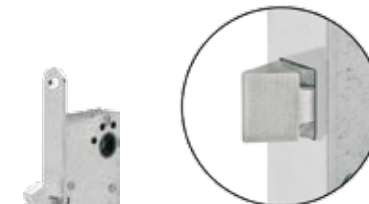
- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle in combination with the electric strike which automatically switches to an unlocked position after indication from the fire alarm or evacuation alarm
- Lever handle latchbolt keeps the door closed in case of fire
- Cylinder latch bolt not lockable into lock case
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1125

### Lock case 767-50, -70:

- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- After opening no re-locking of cylinder latch gives possibility for re-entrance. Reset by cylinder function.
- Lever handle latchbolt keeps the door closed in case of fire
- Can be combined with electric strike SOLID Standard, for example 575
- Available with ME micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1125

### Lock case 772-50, -70:

- Lock case with interlocked cylinder latchbolt
- Cylinder latchbolt keeps the door closed in case of fire
- Cylinder latch bolt not lockable into lock case
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1125



740-50



761-50



762-50



772-50

New latch bolt design for decreased opening force



### Panic Exit Device

#### ASSA Panic Exit Device 1125:1

##### Field of application

Panic exit device used for passive door leaf of outgoing modular profile double doors. Ideally suited for emergency escape doors in shopping malls, hotels, schools, hospitals, theatres, arenas etc. where panic can arise during evacuation.

##### Features

- Panic exit device with horizontal pushbar
- Certificated and CE approved according to the European Standard EN 1125 and Construction Products Directive 89/106/EEG
- Approved for mounting in fire resisting doors up to and including class E/I 60
- Available in different lengths for different door module dimensions:
  - 1125 M8 For door leaf width; 670-815 mm
  - 1125 M9-10 For door leaf width; 816-1010 mm
  - 1125 M11-13 For door leaf width; 1011-1300 mm
- All visible parts in satin brushed stainless steel
- Available in left or right suited versions
- Operates by vertical rods and externally placed deadlocked latches
- Maximum height of door leaf is 2130 mm. With an extension set the maximum height of the door leaf extends to 3100 mm

##### Function

- The passive door leaf can be opened from the inside irrespective of the active door leaf by using the pushbar
- Micro-switch function indicates use of the panic exit device

All products are certified and CE approved according to the European Standard EN 179 or EN 1125 and Construction Products Directive 89/106/EEG

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### Door guide ASSA 2010

##### Application

For dual doors in fire cell with door coordinator.

##### Features

- Material: Steel
- Jointed function with roll-wheel of steel

##### Function

- Mounted on upper side of passive door leaf on door in fire cell equipped with door coordinator
- Supports safe closing after exit through an opening function of the active door leaf triggered by the opening of the passive door leaf, which ensures that the door leaves closes in the right order and fireproof enclosure is provided



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for the latest information  
regarding our product range.



## ASSA Panic Exit Device 1130



### Field of application

Panic exit device for outgoing modular or narrow profile doors. To be combined with a flush exit lock device ASSA 1326 for panic pushbars. Ideally suited for emergency escape doors in shopping malls, hotels, schools, hospitals, theatres, arenas etc. where panic can arise during evacuation.

### Features

- Panic exit device with horizontal pushbar
- Certificated and CE approved according to the European Standard EN 1125 and Construction Products Directive 89/106/EEG
- Approved for mounting in fire resisting doors up to and including class E/I60
- Pushbar available in two alternative lengths for different door widths;
  - Pushbar 900 mm
  - Pushbar 1150 mm
- The pushbar is easily cut to fit the actual width of the door leaf
- Pushbar and cover parts are made of satin brushed stainless steel
- Available in left or right suited versions
- Can be combined with accessories from ASSA S4 narrow profile assortment for the outside of the door

### Function

- The door can always be opened from the inside by using the pushbar
- Micro-switch indicates use of pushbar
- Authorized passage by key from outside is always possible
- With an external handle on the door it's possible to regain entry

## ASSA Panic Exit Device 1130:1



### Field of application

Panic exit device used for passive door leaf of outgoing narrow profile double doors. Ideally suited for emergency escape doors in shopping malls, hotels, schools, hospitals, theatres, arenas etc. where panic can arise during evacuation.

### Features

- Panic exit device with horizontal pushbar
- Certificated and CE approved according to the European Standard EN 1125 and Construction Products Directive 89/106/EEG
- Approved for mounting in fire resisting doors up to and including class E/I60
- Pushbar available in two alternative lengths for different door widths;
  - Pushbar 900 mm
  - Pushbar 1150 mm
- The pushbar is easily cut to fit the actual width of the door leaf
- Pushbar and cover parts are made of satin brushed stainless steel
- Available in left or right suited versions
- Operates by vertical rods and externally placed latches
- Maximum height of door leaf is 2130 mm. With an extension set the maximum height of the door leaf extends to 3100 mm

### Function

- The passive door leaf can be opened from the inside irrespective of the active door leaf by using the pushbar
- Micro-switch function indicates use of the panic exit device

All products are certified and CE approved according to the European Standard EN 179 or EN 1125 and Construction Products Directive 89/106/EEG

Please see our webpage:  
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## Lock Case Evolution for Panic Exit Device ASSA 1130

### Lock case 740-35, -50, -70:

- Lock case with hookbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle
- Lever handle latchbolt keeps the door closed in case of fire
- Can be combined with electric strike STEP 18/28
- Available with ME micro switch for indication of locked/unlocked hookbolt plus indication of use of the panic exit device
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1130

### Lock case 761-35, -50, -70:

- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle in combination with the electric strike which automatically switches to an unlocked position after indication from the fire alarm or evacuation alarm
- Lever handle latchbolt keeps the door closed in case of fire
- Cylinder latchbolt, lockable into lock case with lock-back key
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication of locked/unlocked hookbolt plus indication of use of the panic exit device
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1130

### Lock case 762-35, -50, -70:

- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle in combination with the electric strike which automatically switches to an unlocked position after indication from the fire alarm or evacuation alarm
- Lever handle latchbolt keeps the door closed in case of fire
- Cylinder latch bolt not lockable into lock case
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication of locked/unlocked hookbolt plus indication of use of the panic exit device
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1130

### Lock case 767-35, -50, -70:

- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- After opening no re-locking of cylinder latch gives possibility for re-entrance. Reset by cylinder function.
- Lever handle latchbolt keeps the door closed in case of fire
- Can be combined with electric strike SOLID Standard, for example 575
- Available with ME micro switch for indication of locked/unlocked hookbolt plus indication of use of the panic exit device
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1130

### Lock case 772-35, -50, -70:

- Lock case with interlocked cylinder latchbolt
- Cylinder latchbolt keeps the door closed in case of fire
- Cylinder latch bolt not lockable into lock case
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication of locked/unlocked hookbolt plus indication of use of the panic exit device
- Authorized opening with key via the cylinder
- Intended for use with panic exit device ASSA 1130



740-35

740-50



New latch bolt design for decreased opening force



761-35

761-50



762-35

762-50



767-35

767-50



772-35

772-50



## Emergency Exit Device ASSA 179

### Field of application

ASSA 179 series is intended for hinged modular doors in escape paths where no special exit routines are set. The lock is operated by a one-hand grip which provides a safe exit. The 179-series offers several types of lock cases which provides functional solutions fit for different demands, for example the need of regain of entry in case of fire and smoke in the escape path.

### Features

- Emergency exit device ASSA 179 is certified and CE approved according to the European Standard EN 179 and Construction Products Directive 89/106/EEG, and is also approved for mounting in fire resisting doors up to and including class EI 60 (711-50/70 not included)
- The lock case is available with a built-in micro switch which indicates use of the emergency exit handle, and indication for locked/unlocked deadbolt alternative deadlocked latch
- Available in all of ASSA's finishes

### Function

- The door can always be opened from inside by the emergency exit handle
- Depending on lock case model, regain of entry is possible by outside lever handle
- The lock case models can be used in combination with electric strike STEP 18/28 for integration in access control systems
- Authorized opening with a key is always possible from both in- and outside without affecting the alarm system
- Available with security sealing thread
- The 3 mm distance plate 179 is recommended for doors with a C-measurement less than 22 mm

179A fits the following ASSA lock cases:

710-50/70  
721-50/70  
722-50/70  
727-50/70

179B fits the following ASSA lock cases:

711-50/70  
732-50/70

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regarding our product range.



179A



179A-2



179B



179B-2



## Lock Case Evolution for Emergency Exit Device ASSA 179

### Lock case 710-50/70

- Lock case with hookbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle
- Lever handle latchbolt keeps the door closed in case of fire
- Can be combined with electric strike STEP 18/28
- Available with ME micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 A

### Lock case 711-50/70:

- Lock case with hookbolt
- No door holding in case of fire
- Can be combined with electric strike STEP 18/28
- Available with ME micro switch for indication if hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 B

### Lock case 721-50/70:

- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle in combination with the electric strike which automatically switches to an unlocked position after indication from the fire alarm or evacuation alarm
- Lever handle latchbolt keeps the door closed in case of fire
- Cylinder latchbolt, lockable into lock case with lock-back key
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 A

### Lock case 722-50/70:

- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle in combination with the electric strike which automatically switches to an unlocked position after indication from the fire alarm or evacuation alarm
- Lever handle latchbolt keeps the door closed in case of fire
- Cylinder latch bolt not lockable into lock case
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 A

### Lock case 727-50/70:

- Lock case with interlocked cylinder latchbolt and lever handle latchbolt
- After opening no re-locking of cylinder latch gives possibility for re-entrance. Reset by cylinder function.
- Lever handle latchbolt keeps the door closed in case of fire
- Can be combined with electric strike SOLID Standard, for example 575
- Available with ME micro switch for indication if hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 A

### Lock case 732-50/70:

- Lock case with interlocked cylinder latchbolt
- Cylinder latchbolt keeps the door closed in case of fire
- Cylinder latch bolt not lockable into lock case
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 B



710-50



711-50



721-50



722-50



727-50



732-50





## Emergency Exit Device ASSA 179 S4

### Field of application

ASSA 179 S4 series is intended for hinged narrow profile doors in escape paths where no special exit routines are set. The lock is operated by a one-hand grip which provides a safe exit. The 179 S4 series offers several types of lock cases which provides functional solutions fit for different demands, for example the need of regain of entry in case of fire and smoke in the escape path.

### Features

- Emergency exit device ASSA 179 S4 is certified and CE approved according to the European Standard EN 179 and Construction Products Directive 89/106/EEG, and is also approved for mounting in fire resisting doors up to and including class EI 60 (711-35 not included)
- The lock case is available with a built-in micro switch which indicates use of the emergency exit handle, and indication for locked/unlocked deadbolt alternative deadlocked latch
- Available in bright chrome or satin chrome

### Function

- The door can always be opened from inside by the emergency exit handle
- Depending on lock case model, regain of entry is possible by outside lever handle
- The lock case models can be used in combination with electric strike STEP 18/28 for integration in access control systems
- Authorized opening with a key is always possible from both in- and outside without affecting the alarm system
- Available with security sealing thread
- The 3 mm distance plate S3/S4 is recommended for doors with a C-measurement less than 22 mm

179A S4 fits the following ASSA lock cases:

710-35  
721-35  
722-35  
727-35

179B S4 fits the following ASSA lock cases:

711-35  
732-35

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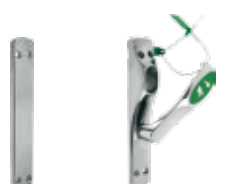
179A S4



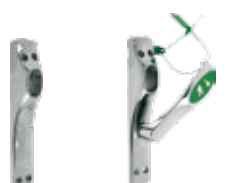
179A S4 DC



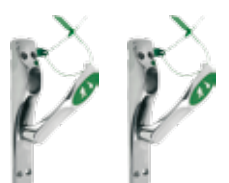
179B-2 S4



179B S4



179B S4 DC



179B-2 S4



## Lock Case Evolution for Emergency Exit Device ASSA 179 S4

### Lock case 710-35

- Lock case with hookbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle
- Lever handle latchbolt keeps the door closed in case of fire
- Can be combined with electric strike STEP 18/28
- Available with ME micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 S4 A

### Lock case 711-35

- Lock case with hookbolt
- Regain of entry is possible by outside lever handle
- Can be combined with electric strike STEP 18/28
- Available with ME micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 S4 B

### Lock case 721-35

- Lock case with hookbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle in combination with the electric strike which automatically switches to an unlocked position after indication from the fire alarm or evacuation alarm
- Regain of entry is possible by outside lever handle
- Cylinder latchbolt, lockable into lock case with lock-back key
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 S4 A

### Lock case 722-35

- Lock case with hookbolt and lever handle latchbolt
- Regain of entry is possible by outside lever handle in combination with the electric strike which automatically switches to an unlocked position after indication from the fire alarm or evacuation alarm
- Regain of entry is possible by outside lever handle
- Cylinder latch bolt not lockable into lock case
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 S4 A

### Lock case 727-35

- Lock case with hookbolt and lever handle latchbolt
- After opening no re-locking of cylinder latch gives possibility for re-entrance. Reset by cylinder function.
- Regain of entry is possible by outside lever handle
- Can be combined with electric strike SOLID Standard, for example 575
- Available with ME micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 S4 A

### Lock case 732-35

- Lock case with interlocked cylinder latchbolt
- Regain of entry is possible by outside lever handle
- Cylinder latchbolt, lockable into lock case with lock-back key
- Can be combined with electric strike SOLID Standard, for example 575
- Available with MG micro switch for indication if the hookbolt is locked/unlocked plus indication of use of the exit device handle
- Authorized opening with key via the cylinder
- Intended for use with accessory 179 S4 B



710-35



711-35



721-35



722-35



727-35



732-35



### Emergency Exit Device S3 for Narrow Profile Locks, Classic

#### Emergency Exit Device 88363, 88364, 188363 of ASSA S3-series

##### Field of application

Emergency exit device for narrow profile doors in combination with ASSA 1361 flush lock case. Recommended for doors in exit routes where the risk of crowding is low. One-hand opening with a separate exit device handle for emergency exit. The door automatically returns to locked position after opening

##### Features

- Material: Zinc
- Finish: Bright chrome, satin chrome
- Emergency exit device ASSA 179 is certificated and CE approved according to the European Standard EN 179 and Construction Products Directive 89/106/EEG, and is also approved for mounting in fire resisting doors up to and including class EI 60
- The lock case is available with built-in micro switch which indicates use of the emergency exit handle
- Available in left or right orientated design
- For assembling in combination with single or double cylinder with cylinder follower
- The length of the screws and cylinder follower are chosen according to the door thickness

##### Function

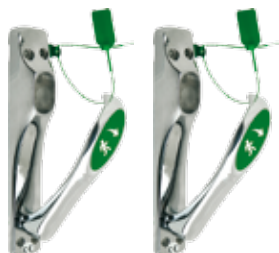
- The door can always be opened from inside by the emergency exit handle
- The emergency exit handle push the deadlocked latchbolt into open position
- The cylinder provides authorized opening with key from the in- and outside
- The door can always be opened from the outside when lever handle is mounted
- Regain of entry is guaranteed when lever handle on the outside is mounted
- Available with security sealing thread



88363



88364



188363



#### Lock Case 1361

##### Field of application

Lock case for narrow profile doors in escape paths, combined with emergency exit device 88363, 88364, 188363 in the ASSA S3 series.

##### Features

- Comes with a deadlocked bolt and a combined cylinder / lever latch
- Includes a steel handle intended for fire safety doors
- Available in left and right orientated design

##### Function

- Outside
  - Provides around the clock entrance from the outside when lever handle is mounted
  - Opening of deadlocked bolt with key
- Inside
  - Allows opening from the inside by the panic pushbar which depress the deadlocked bolt
  - Deadlocks automatically at 14 mm extension and with depressed deadlock bolt
  - Impossible to fix the bolt in open position





# LOCK CASES

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ASSA offers a complete range of lock cases that meet all requirements for security, convenience and emergency exiting. The lock cases are constructed to meet high requirements set by authorities regarding forced entry and fire-rating.

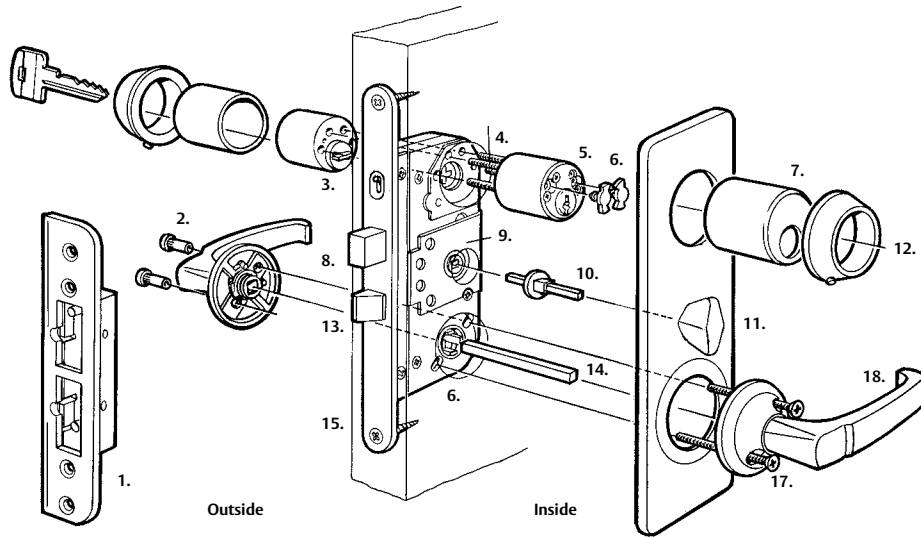
ASSA lock cases are available for all types of doors. They are available in different dimensions e.g. for narrow profile doors and for use with different types of electric strikes. The majority of ASSA lock cases can be equipped with a micro switch for electric control of doors and access control solutions.

The product range includes patented hook bolt lock cases. The hook bolt interlocks door and frame and creates a strong unit.

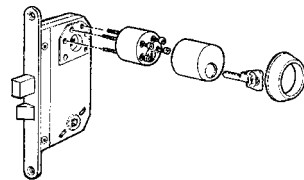
The development, the evolution, can not be stopped. We must strive towards product development which meets the rising demands of security and user friendliness. Six different product series has been developed, which contains lock cases for almost every type of interior and exterior doors for offices, industries and residential doors.



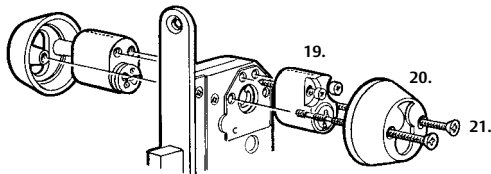
## Modular locks with round cylinder/thumb turn



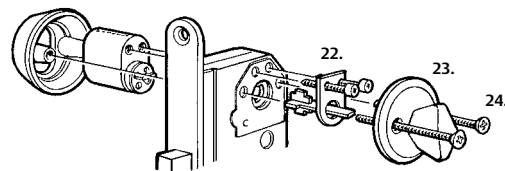
## Round cylinder with thumb turn cylinder



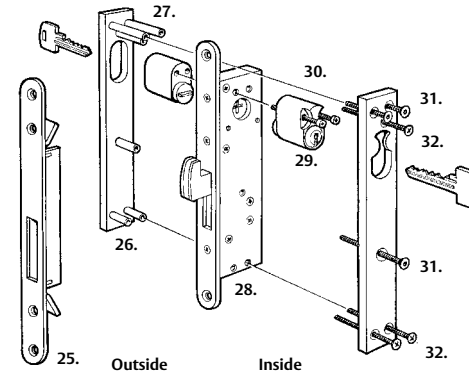
## Modular locks with oval cylindershape duple cylinder (DC)



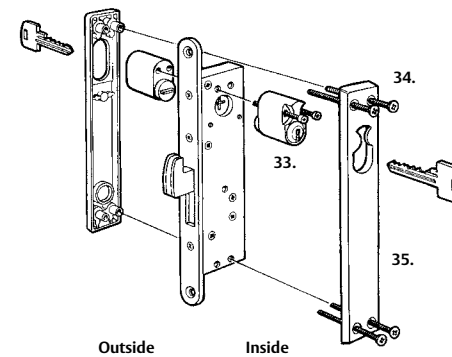
## Oval single cylinder and thumb turn



## Narrow profile locks with SCD security accessories



## Narrow profile locks with standard accessories



1. Security striking plates
2. Barrel nut
3. Extension piece
4. High resistance screw
5. Cylinder
6. Cylinder plug
7. Cylinder
8. Dead bolt
9. Manipulator protection
10. Thumb turn follower
11. Thumb turn plate
12. Cylinder ring
13. Lever handle latch bolt
14. Lever handle follower
15. Forend
16. Lock case
17. Lever handle screw
18. Lever handle

19. Cylinder
20. Cylinder ring
21. Cylinder screw
22. Thumb turn tailpiece
23. Thumb turn
24. Thumb turn screw

25. Security striking plates
26. Cylinder plate
27. Nipple
28. Lock case
29. Cylinder
30. Cylinder screw
31. High resistance screw
32. One way screw

33. Cylinder
34. Plate screw
35. Cylinder screw











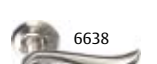

Choose your lock accessories in accordance with existing demands on design, security and function.  
The following matrices display products related to frequently occurring mechanical lock units.

Products marked in red fulfil the requirements stated in EN 12209 security grade 5 to combine with \*LS 12209.

\* = Lock shield

Sash lock	Cylinder type	Cylinder accessories	Reinforcement accessories	Security striking plate	Lever handle
 <b>8765</b>	<b>Round double cylinder</b> 	3212 	 <b>4292</b>	 <b>1887 1-4</b>	 6616  6640
	Round cylinder outside 	3211 			

Sash lock	Night latch	Cylinder type	Cylinder accessories	Cover plate	Striking plate	Lever handle
 565	 560	<b>Oval double cylinder</b> 	18 256 	 4291	 2864-1	 1905
		Oval cylinder outside 	256 		2860-5 	 1949









Sash lock 2000	Cylinder type	Cylinder accessories	Reinforcement accessories/ Cover plate	Security striking plate	Lever handle
 <b>2000</b>	<b>Round double cylinder</b> 	3212 	 <b>4292</b>  4295	 <b>1887 1-4</b>	 1918  1956  6638  6647










Choose your lock accessories in accordance with existing demands on design, security and function.  
The following matrices display products related to frequently occurring mechanical lock units.

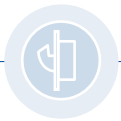
Products marked in red fulfil the requirements stated in EN 12209 security grade 5 to combine with \*LS 12209.

\* = Lock shield






















Dead lock	Cylinder type	Cylinder accessories	Reinforcement accessories	Security striking plate
 <b>8788</b>	<b>Round double cylinder</b> 	3212 	 <b>4290</b>	 <b>1888-1</b>
	Round cylinder outside 	3211 		 <b>1888-5</b>

Cylinder sash lock	Cylinder type	Cylinder accessories	Cover plate	Striking plate
	<b>Oval double cylinder</b> 	18 256 	 4289	 2864-1
	Oval cylinder outside 	256 		

Narrow profile lock hook bolt	Cylinder type	Security accessories	Security striking plate
 <b>13 787</b>	<b>Oval double cylinder</b> 	<b>4559</b> 	 <b>1887-9</b>
	<b>Oval cylinder outside</b> 	<b>4659</b> 	
	<b>Oval cylinder inside</b> 	<b>4759</b> 	
	Oval thumb turn cylinder 		



Choose your lock accessories in accordance with existing demands on design, security and function.  
The following matrices display products related to frequently occurring mechanical lock units.












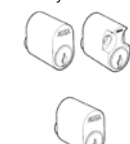








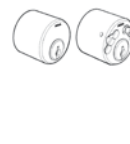







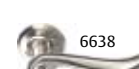

Cylinder sash lock	Cylinder type	Cylinder accessories	Striking plate
 1385   13 585   1380	Oval double cylinder   Oval cylinder outside   Oval cylinder inside 	 44459   44859   44159	 2885
Double sash lock	Cylinder type	Cylinder accessories	Striking plate
 1362	Oval double cylinder   Oval cylinder outside   Oval cylinder inside 	 55459   55859   55159	 2864-1
Lever handle sash lock	Cylinder accessories	Striking plate	
 1398	 55059	 2885	



Choose your lock accessories in accordance with existing demands on design, security and function.  
The following matrices display products related to frequently occurring mechanical lock units.

Products marked in red fulfil the requirements stated in EN 12209 security grade 5 to combine with \*LS 12209.

\* = Lock shield







Sash lock	Cylinder type	Cylinder accessories	Reinforcement accessories	Security striking plate	Lever handle	
 410-50	Round double cylinder  Round cylinder outside	3212  3211 	4292 	1487 1-4  1487-5 	6616  6640 	
Sash lock	Night latch	Cylinder type	Cylinder accessories	Cover plate	Striking plate	Lever handle
 310-50	 220-50	Oval double cylinder  Oval cylinder outside	18 256  256 	4291 	1264 1-4  1264 5-7 	1905  1949 
Sash lock 2002	Cylinder type	Cylinder accessories	Reinforcement accessories / Cover plate	Security striking plate	Lever handle	
 2002-50	Round double cylinder 	3212 	4292  4295 	1487 1-4  1487-5 	1918  1956  6638  6647 	









Choose your lock accessories in accordance with existing demands on design, security and function.  
The following matrices display products related to frequently occurring mechanical lock units.

Products marked in red fulfil the requirements stated in EN 12209 security grade 5 to combine with \*LS 12209.


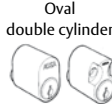



\* = Lock shield


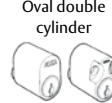



Narrow profile lock two-step bolt	Cylinder type	Security accessories	Security striking plate
	Oval double cylinder	 5559E	
	Oval cylinder outside	 5659E	
	Oval cylinder inside	 5759E	
	Oval thumb turn cylinder		
410-35			1487-9

Narrow profile lock hook bolt	Cylinder type	Security accessories	Security striking plate
	Oval double cylinder	 4559E	
	Oval cylinder outside	 4659E	
	Oval cylinder inside	 4759E	
	Oval thumb turn cylinder		
411-35			1487-9



Choose your lock accessories in accordance with existing demands on design, security and function.  
The following matrices display products related to frequently occurring mechanical lock units.

Cylinder sash lock	Cylinder type	Cylinder accessories	Striking plate
	Oval double cylinder	 44459E	
	Oval cylinder outside	 44859E	
	Oval cylinder inside	 44159E	
230-35			1264

Double sash lock	Cylinder type	Cylinder accessories	Striking plate
	Oval double cylinder	 55459	
	Oval cylinder outside	 55859	
	Oval cylinder inside	 55159	
220-35			1264

Lever handle sash lock	Cylinder accessories	Striking plate
	 55059	
212-35		1264



The matrix below should be seen as a guideline when choosing which type of striking plate to choose.  
The doorframe's construction, type and measurements must all be accounted for in order to guarantee a smooth and safe correlation between the lock case and the striking plate.  
When a higher level of resistance to forced entry is desired a security striking plate is always recommended.

Lock case	Security Striking Plate		Striking Plate		
	1487-1, 5	1487-9	1264	1266	2887
212, 220, 221, 222, 230, 231, 232	■		●		
310	■		●		
311		■	●		●
313				●	
410, 411	●	●			
2002	●				
620, 621, 622, 624, 640	■		●		
710, 711	●	●			
721, 722, 727, 732	■		●		
761, 762, 767, 772	■		●		
810, 811	●	●			
880, 881, 884, 885	■		●		

● = ASSA recommends  
■ = Alternative striking plate



The matrix below should be seen as a guideline when choosing which type of striking plate to choose.  
The doorframe's construction, type and measurements must all be accounted for in order to guarantee a smooth and safe correlation between the lock case and the striking plate.  
When a higher level of resistance to forced entry is desired a security striking plate is always recommended.

		Security Striking Plate		Striking Plate												
		1887-1—5	1887-9	1888	1824	2865	2860	2863	2862	2864	2866	2885	2888	2887	2876	2892
Modular Locks	560, 562, 564, 1560	●				●	●	●	●	●						
	5584, 5585, 6580	●				●	●	●	●	●		●				
	6585, 8561, 8562	●				●	●	●	●	●		●				
	1498, 6498					●	●	●	●	●		●				
	565, 2565	■				●	●	●	●	●						
	566										●					
	587	●														
	2587	●	■											●		
	2000, 8765, 8768	●														
	9788	●		■												
	7787	●														
	9787	●	■													
Narrow Profile Locks	362	●				●	●	●	●	●						
	1380, 1385, 13585, 1361	●				●	●	●	●	●		●				
	1398	●				●	●	●	●	●		●				
Extra Locks	13787	■	●													
	8788	■		●									■			
Cabinet Locks	585, 2580	■				●	●	●	●	●		●				
	576, 577														●	
	1592, 2592															●

● = ASSA recommends  
● = For use with dead latch striker 1893  
■ = Alternative striking plate



Application	Microswitch function	Lock case	Narrow profile	Extra
Alarm by-pass, Model M1.	Bi stable function. Microswitch is depressed when bolt is in withdrawn position, changes when bolt leaves withdrawn position.	8765, 9788 7787, 9787		8788
Alarm by-pass and indication, Model M2.	Two microswitches. One has a bi-stable function and is depressed when bolt is in withdrawn position. Changes when bolt leaves withdrawn position. The other has a momentary function. Indicates use of exit. Is depressed and changes in operation. Returns when thumb turn is released.	8768		
Alarm by-pass and alarm circuit, Model M3.	Bi-stable function. Two microswitches. One is depressed at unthrown bolt. The other is pushed in at thrown and deadlocked bolt.	8765, 9788 7787, 9787		8788
Alarm circuit, Model M4.	Bi-stable function. Microswitch depressed at thrown bolt. Changes when bolt leaves extended position.		13787	
Alarm circuit, Model M5.	Bi-stable function. Microswitch depressed at thrown and deadlocked bolt. Indication of bolt thrown and deadlocked. Changes when deadlocking is released and bolt leaves extended position.	8765, 9788 7787, 9787 565		8788
Indication, Model M6.	Momentary function. Microswitch depressed and changed when opening with key or thumb turn.	560, 562, 564 1560, 5584 5585, 6580 6585		
Indication, Model M7.	Momentary function. Microswitch indicates movements of the emergency exit accessory. Microswitch depressed and changed when emergency exit accessory is used. Returns when thumb turn is released.	8768 8561, 8562	1361	
Indication, Model M8.	Momentary function. Microswitch indicates use of exit, key or thumb turn. Is depressed and changed in operation.	8561, 8562		
Indication, Model M9.	Momentary function. Microswitch indicates position of the cylinder latch. Is depressed and changed in operation.	560, 562, 564 1560, 5584 5585, 6585 8561, 8562		
Indication, Model M13.	Bi-stable function. Two microswitches. One is depressed at unthrown bolt. The second is depressed when thumb turn is disabled.	2000		



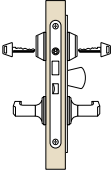
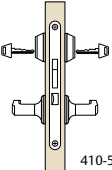

Microswitch functions	
<b>MA</b>	<b>Alarm circuit and Alarm by-pass</b>
Lock case	Two micro switches
310, 311, 410, 411, 640	Sw 1 active when hook bolt is withdrawn. Bi-stable Sw 2 active when hook bolt is thrown and deadlocked. Bi-stable
<b>MB</b>	<b>Alarm circuit and Alarm by-pass</b>
Lock case	Two micro switches
2002	Sw 1 active when hook bolt is thrown and deadlocked. Bi-stable Sw 2 active when thumb turn is disabled by snib. Bi-stable
<b>MC</b>	<b>Deadlocking and Cylinder/Turn and Handle</b>
Lock case	Three micro switches
620, 621, 624	Sw 1 active when latch is deadlocked. Bi-stable Sw 2 active when cylinder, turn or handle* is used. Momentary Sw 3 active when handle* is used. Momentary * Only the insides handle on the split spindle variants.
<b>MD</b>	<b>Lock-back</b>
Lock case	One micro switch
220, 221, 223, 230, 231, 620, 621, 624	Activated by lock-back function. Bi-stable
<b>ME</b>	<b>Alarm circuit and Escape function</b>
Lock case	Two micro switches
710, 711, 727, 767	Sw 1 active when hook bolt is thrown and deadlocked. Bi-stable Sw 2 active when the handle of the emergency exit is used. Momentary
<b>MF</b>	<b>Deadlocking and Cylinder/Turn</b>
Lock case	Two micro switches
220, 221, 222, 223, 230, 231, 232	Sw 1 active when latch is deadlocked. Bi-stable Sw 2 active when cylinder or turn is used. Momentary
<b>MG</b>	<b>Deadlocking and Cylinder/Turn and Escape function</b>
Lock case	Three micro switches
721, 722, 732, 761, 762, 772	Sw 1 active when latch is deadlocked Bi-stable Sw 2 active when cylinder or turn is used. Momentary Sw 3 active when the handle of the emergency exit is used. Momentary





## Entrance and Perimeter Protection

Lock case for entrance, perimeter protection and other important doors.  
Complies with EN 12209 security grade 5 to combine with \*LS 12209  
\*= Lock shield

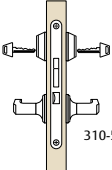
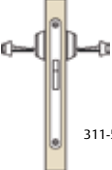
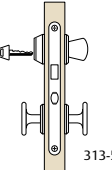
Lock case	Application	Exterior function	Interior function
ASSA 2002-50 2002-70	Lock case for entrance doors in residential buildings; houses, apartments, apartment buildings for the elderly or disabled etc.	A 360° turn of key revokes the deadlock, places the hook bolt in thrown or withdrawn position and automatically re-engage thumb turn function. Lever handle retracts latch bolt.	A 95° turn of thumb turn revokes the deadlock and places the hook bolt in thrown or withdrawn position when enabled. The button in the face plate blocks and disables the thumb turn function. Lever handle retracts latch bolt.
			
ASSA 410-50 410-70 410-35	Lock case for entrance doors, archive, store rooms, office premises, industries etc.	A 360° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.	A 360° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position. Lever handle retracts latch bolt.
			
ASSA 411-50 411-70 411-35	Lock case for entrance doors, sliding and swing doors equipped with a pull handle or a push plate.	A 360° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.	A 360° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.
			

For Emergency escape lock, see page 85-95.



## Entrance and Interior Doors

Lock case for entrance and interior doors where the requirements of burglary resistance are subordinate the function.  
Complies with EN 12209 security grade 3.

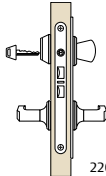

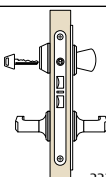
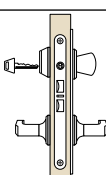
Lock case	Application	Exterior function	Interior function
ASSA 310-50 310-70 310-35	Lock case for interior doors in offices, industries, toilette doors etc.	A 90° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position. When hook bolt is in withdrawn position key operates latch bolt at 95°. Lever handle retracts latch bolt.	A 90° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position. When hook bolt is in withdrawn position key operates latch bolt at 95°. Lever handle retracts latch bolt.
			
ASSA 311-50 311-70 311-35	Lock case for sliding and swing doors equipped with a pull handle or a push plate.	A 90° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.	A 90° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.
			
ASSA 313-50 313-70 313-35	Lock case for interior doors, push and swing doors, shops and entrance doors etc.	A 90° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position. The door-knob is fixed.	A 90° turn of thumb turn revokes the deadlock and places the hook bolt in thrown or withdrawn position. The door-knob is fixed.
			

For Emergency escape lock, see page 85-95.



## Entrance and Interior Doors

Lock case for entrance and interior doors where the requirements of burglary resistance are subordinate the function.


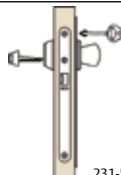
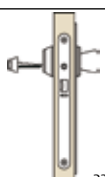
Lock case	Application	Exterior function		Interior function
ASSA 220-50 220-70 220-35	Lock case for exterior and interior doors, entrance doors, technical areas etc.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt. Cylinder latch is locked back with snib.
ASSA 221-50 221-70 221-35	Lock case for exterior and interior doors, entrance doors, fire doors, technical areas etc.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt. Cylinder latch is locked back with a token key.
ASSA 222-50 222-70 222-35	Lock case for exterior and interior doors, entrance doors, fire doors, technical areas etc.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt. Cylinder latch can not be locked back.
ASSA 223-50 223-70 223-35	Lock case for exterior and interior doors, entrance doors, fire doors, technical areas etc.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt. The cylinder latch is locked back with snib equipped with a locking nut. The snib can be secured in locked back or normal position.

For Emergency escape lock, see page 85-95.



## Entrance and Interior Doors

Lock case for entrance and interior doors where the requirements of burglary resistance are subordinate the function.

Lock case	Application	Exterior function		Interior function
ASSA 230-50 230-70 230-35	Lock case for entrance doors and gates with pull handles, door closers or door automatics.	A 90° turn of key revokes the deadlock and retracts the latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Cylinder latch is locked back with snib.
ASSA 231-50 231-70 231-35	Lock case for entrance doors and gates with pull handles, door closers or door automatics.	A 90° turn of key revokes the deadlock and retracts the latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Cylinder latch is locked back with a token key.
ASSA 232-50 232-70 232-35	Lock case for entrance doors and gates with pull handles, door closers or door automatics.	A 90° turn of key revokes the deadlock and retracts the latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt.

For Emergency escape lock, see page 85-95.

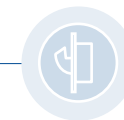


## Split Spindle

Lock case for entrance an interior doors with a split spindle function.

Lock case	Application	Exterior function	Interior function
ASSA 620-50 620-70 620-35	Lock case for interior doors, class rooms, offices, technical areas etc. where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both latch bolt and cylinder latch. Cylinder latch is locked back with snib.
ASSA 621-50 621-70 621-35	Lock case for interior doors, class rooms, offices, technical areas etc. where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both latch bolt and cylinder latch. Cylinder latch is locked back with a token key.
ASSA 622-50 622-70 622-35	Lock case for interior doors, class rooms, offices, technical areas etc. where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both latch bolt and cylinder latch. Cylinder latch can not be locked back.
ASSA 624-50 624-70 624-35	Lock case for interior doors, class rooms, offices, technical areas etc. where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both latch bolt and cylinder latch. Cylinder latch is locked back with inside thumb turn.
ASSA 640-50 640-70 640-35	Lock case for interior doors, class rooms, offices, technical areas, hotel rooms etc. with higher requirements of burglary resistance and where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts hook bolt and latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both hook bolt and latch bolt.

For Emergency escape lock, see page 85-95.



## Entrance and Perimeter Protection

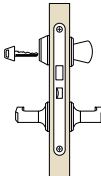
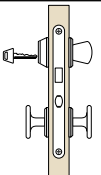
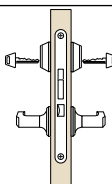
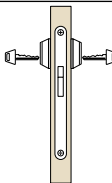
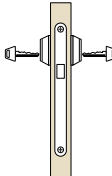
Lock case for entrance, perimeter protection and other important doors. Complies with EN 12209 security grade 5 with LS 12209 security grade 5.

Lock case	Application	Exterior function	Interior function
ASSA 2000-50	Lock case for entrance doors in residential buildings; houses, apartments, apartment buildings for the elderly or disabled etc.	A 360° turn of key revokes the deadlock, places the bolt in thrown or withdrawn position and automatically re-engage thumb turn function. Lever handle retracts latch bolt.	A 95° turn of thumb turn revokes the deadlock and places the bolt in thrown or withdrawn position when enabled. The button in the face plate blocks and disables the thumb turn function. Lever handle retracts latch bolt. Key operation as per cylinder side.
ASSA 7787-50	Lock cases for entrance doors, archive, store rooms, office premises, industries etc.	A 360° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position. Lever handle retracts latch bolt.	A 360° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position. Lever handle retracts latch bolt.
ASSA 8765-50 8765-70	Lock cases for entrance doors, archive, store rooms, office premises, industries etc.	A 360° turn of key revokes the deadlock and places the bolt in thrown or withdrawn position.	A 360° turn of key revokes the deadlock and places the bolt in thrown or withdrawn position.
ASSA 9787-50	Lock case for entrance doors, sliding and swing doors equipped with a pull handle or a push plate.	A 360° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.	A 360° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.
ASSA 9788-50 9788-70	Lock case for entrance doors, sliding and swing doors equipped with a pull handle or a push plate.	A 360° turn of key revokes the deadlock and places the bolt in thrown or withdrawn position.	A 360° turn of key revokes the deadlock and places the bolt in thrown or withdrawn position.



## Entrance and Interior Doors

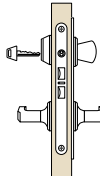

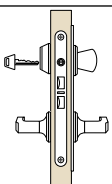
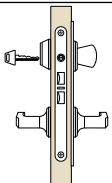
Lock case for entrance and interior doors where the requirements of burglary resistance are subordinate the function. Complies with EN 12209 security grade 3.

Lock case	Application	Exterior function	Interior function
ASSA 565-50 565-70	Lock case for interior doors in offices, industries, toilette doors etc.	A 90° turn of key revokes the deadlock and places the bolt in thrown or withdrawn position. When bolt is in withdrawn position key operates latch bolt at 95°. Lever handle retracts latch bolt.	 A 90° turn of thumb turn revokes the deadlock and places the bolt in thrown or withdrawn position. When bolt is in withdrawn position thumb turn operates latch bolt at 95°. Lever handle retracts latch bolt.
ASSA 566-50 566-70	Lock case for interior doors, push and swing doors, shops and entrance doors etc.	A 95° turn of key revokes the deadlock and places the bolt in thrown or withdrawn position. The door-knob is fixed.	 A 95° turn of thumb turn revokes the deadlock and places the bolt in thrown or withdrawn position. The door-knob is fixed.
ASSA 587-50	Lock case for interior doors in industries, shop etc.	An 85° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position. Lever handle retracts latch bolt.	 An 85° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position. Lever handle retracts latch bolt.
ASSA 2587-50	Lock case for entrance doors, sliding and swing doors equipped with a pull handle or a push plate.	An 85° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.	 An 85° turn of key revokes the deadlock and places the hook bolt in thrown or withdrawn position.
ASSA 2588-50 2588-70	Lock case for entrance doors and swing doors equipped with a pull handle or a push plate.	A 90° turn of key revokes the deadlock and places the bolt in thrown or withdrawn position.	 A 90° turn of key revokes the deadlock and places the bolt in thrown or withdrawn position.



## Entrance and Interior Doors

Lock case for entrance and interior doors where the requirements of burglary resistance are subordinate the function.

Lock case	Application	Exterior function	Interior function
ASSA 560-50 560-70	Lock case for exterior and interior doors, entrance doors to technical areas etc.	A 75° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	 A 75° turn of thumb turn revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt. Cylinder latch is locked back with snib.
ASSA 562-50 562-70	Lock case for exterior and interior doors, entrance doors to technical areas etc.	A 75° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	 A 75° turn of thumb turn revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt. Cylinder latch is locked back with a token key.
ASSA 564-50	Lock case for exterior and interior doors, entrance doors to technical areas etc.	A 75° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	 A 75° turn of thumb turn revokes the deadlock and retracts the latch bolt. The cylinder latch is locked back with snib equipped with a locking nut. The snib can be secured in locked back or normal position.
ASSA 1560-50 1560-70	Lock case for exterior and interior doors, entrance doors to technical areas etc.	A 75° turn of key revokes the deadlock and retracts the latch bolts. Lever handle retracts latch bolt.	 A 75° turn of thumb turn revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt. Cylinder latch can not be locked back.



## Entrance and Interior Doors

Lock case for entrance and interior doors where the requirements of burglary resistance are subordinate the function.

Lock case	Application	Exterior function	Interior function
ASSA 5584-50 5584-70	Lock case for entrance doors and gates with pull handles, door closers or door automatics.	A 75° turn of key revokes the deadlock and retracts the latch bolt.	A 75° turn of thumb turn revokes the deadlock and retracts the latch bolt. Cylinder latch is locked back with snib.
ASSA 5585-50 5585-70	Lock case for entrance doors and gates with pull handles, door closers or door automatics.	A 75° turn of key revokes the deadlock and retracts the latch bolt.	A 75° turn of thumb turn revokes the deadlock and retracts the latch bolt. Cylinder latch is locked back with a token key.
ASSA 6580-50 6580-70	Lock case for interior doors with pull handles, door closers or door automatics.	A 75° turn of key retracts the latch bolt.	A 75° turn of thumb turn retracts the latch bolt. Cylinder latch is locked back with a token key.
ASSA 6585-50 6585-70	Lock case for entrance doors and gates with pull handles, door closers or door automatics.	A 75° turn of key revokes the deadlock and retracts the latch bolt.	A 75° turn of thumb turn revokes the deadlock and retracts the latch bolt.
ASSA 5761-50	Lock case where two separate lock systems are able to open the same lock independent of each other.	Cylinder latch retracts with a key through one of the two external cylinders.	Cylinder latch retracts with a key through one of the two external cylinders alternatively, if wanted, a lever handle.



## Split Spindle

Lock case for entrance an interior doors with a split spindle function.

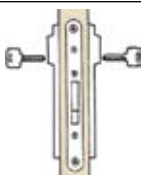
Lock case	Application	Exterior function	Interior function
ASSA 504-50 504-70	Lock case for interior doors, class rooms, offices, technical areas etc. where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both latch bolt and cylinder latch. Cylinder latch is locked back with snib.
ASSA 506-50 506-70	Lock case for interior doors, class rooms, offices, technical areas etc. where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both latch bolt and cylinder latch. Cylinder latch is locked back with a token key.
ASSA 509-50 509-70	Lock case for interior doors, class rooms, offices, technical areas etc. where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both latch bolt and cylinder latch. Cylinder latch is locked back with inside thumb turn.
ASSA 1520-50 1520-70	Lock case for interior doors, class rooms, offices, technical areas, hotel rooms etc. with higher requirements of burglary resistance and where quick and convenient exiting is important.	A 90° turn of key revokes the deadlock and retracts bolt and latch bolt. Lever handle retracts latch bolt.	Lever handle retracts both bolt and latch bolt.



## Narrow Profile Lock

Lock case for entrance, perimeter protection and other important doors with narrow profile construction.  
Complies with EN 12209 security grade 5 to combine with \*LS 12209.

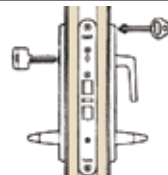
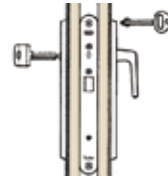
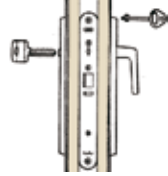
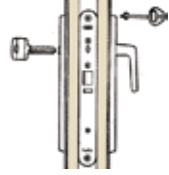
\* = Lock shield

Lock case	Application	Exterior function		Interior function
ASSA 13787	Lock case for entrance doors in shops, department stores, offices etc.	A 360° turn of key revokes the deadlock, places the hook bolt in thrown or withdrawn position.		A 360° turn of key revokes the deadlock, places the hook bolt in thrown or withdrawn position.



## Narrow Profile Lock

Lock case for interior and entrance doors with narrow profile construction.

Lock case	Application	Exterior function		Interior function
ASSA 1362	Lock case for entrance doors and gates in shops, apartment blocks etc.	A 90° turn of key revokes the deadlock and retracts latch bolt. Lever handle retracts latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Lever handle retracts latch bolt. Cylinder latch is locked back with a token key.
ASSA 1380	Lock case for interior doors with pull handles, door closers or door automatics in shops, department stores, offices, apartment blocks etc.	A 90° turn of key retracts the latch bolt.		A 90° turn of thumb turn retracts the latch bolt. Lever handle retracts latch bolt. Cylinder latch is locked back with a token key.
ASSA 1385	Lock case for entrance doors and gates with pull handles, door closers or door automatics in shops, department stores, offices, apartment blocks etc.	A 90° turn of key revokes the deadlock and retracts the latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Cylinder latch is locked back with a token key.
ASSA 13585	Lock case for entrance doors and gates with pull handles, door closers or door automatics in shops, department stores, offices, apartment blocks etc.	A 90° turn of key revokes the deadlock and retracts the latch bolt.		A 90° turn of thumb turn revokes the deadlock and retracts the latch bolt. Cylinder latch can not be locked back.



evolution® by Assa

## Evolution

Evolution is the latest ASSA lock case series. The Evolution series will successively replace both modular and narrow profile lock cases and incorporates a number of new functions. Evolution is available with backset 35, 50 and 70 mm.

All Evolution lock cases with lever handle latch and/or no lockable cylinder latch are approved for installation in doors made of timber, aluminium and steel in fire grading E/EI 15 - E/EI60.

(Tg.nr. 0456/01).

### Latch Hook Bolt Lock 2002

#### Application

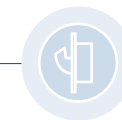
Lock case for entrance doors within residential segment; houses, apartments, apartment buildings for the elderly and disabled etc.

#### Features

- Available with backset 70 mm or 50 mm
- Meets the requirements of the EN 12209 security grade 5, combine with \*LS 12209  
\* = Lock shield
- With lever latch and hook bolt
- Lock back device for thumb turn in the forend
- Guided hook bolt of hardened steel
- The hook bolt interlocks door and frame
- Reinforced deadlocking
- Handing of lever latch is reversible
- Steel lever latch for fire-rated doors
- Available with a built-in micro switch

#### Function

- The hook bolt is operated with key or thumb turn
- When the snib is pressed down, the thumb turn function is blocked so that the lock cannot be opened without key = away secure
- When the lock is opened with key, the thumb turn function is automatically activated = home convenient
- The lever latch is retracted with handle



### Latch Hook Bolt Lock 410

#### Application

Lock case for entrance doors, file rooms, storage areas, offices, industrial buildings etc.

#### Features

Available with backset 70, 50 or 35 mm

- Meets the requirements of the EN 12209 security grade 5, combine with \*LS 12209  
\* = Lock shield
- With lever latch and hook bolt
- Guided hook bolt of hardened steel
- Reinforced deadlocking
- The hook bolt interlocks door and frame
- Handing of lever latch is reversible
- Steel lever latch for fire-rated doors
- Available with a built-in micro switch

#### Function

- The hook bolt is operated with key or thumb turn
- The lever latch is retracted with handle

### Hook Bolt Lock 411

#### Application

Lock case for entrance doors, sliding and swing doors equipped with a pull handle or a push plate.

#### Features

- Available with backset 70, 50 or 35 mm
- Meets the requirements of the EN 12209 security grade 5, combine with \*LS 12209  
\* = Lock shield
- Guided hook bolt of hardened steel
- Reinforced deadlocking
- The hook bolt interlocks door and frame
- Available with a built-in micro switch

#### Function

- The hook bolt is operated with key or thumb turn







### Latch Hook Bolt Lock 310

#### Application

Lock case for interior doors in industrial buildings, shops etc.

#### Features

- Available with backset 70, 50 or 35 mm
- Meets the requirements of the EN 12209 security grade 3
- With hook bolt and lever latch
- Handing of the lever latch is reversible
- Lever latch of steel for fire-rated doors
- The hook bolt interlocks door and frame

#### Function

- The hook bolt is operated with key or thumb turn
- The lever latch is retracted with lever handle, key or thumb turn



### Hook Bolt Lock 311

#### Application

Lock case for interior doors in industrial buildings and shops, in sliding doors, swing doors etc.

#### Features

- Available with backset 70, 50 or 35 mm
- Meets the requirements of the EN 12209 security grade 3
- With hook bolt
- The hook bolt interlocks door and frame

#### Function

- The hook bolt is operated with key or thumb turn



### Hook Bolt Lock 313

#### Application

Lock case for interior doors, sliding and swing doors, shops and entrance doors etc.

#### Features

- Available with backset 70, 50 or 35 mm
- Meets the requirements of the EN 12209 security grade 3
- With hook bolt and adjustable roller latch
- The hook bolt interlocks door and frame
- Combined with pull handle or push plate

#### Function

- The hook bolt is operated with key or thumb turn
- The roller latch is depressed by the striking plate



### Double Latch Locks 220, 221, 222, 223

#### Application

Lock cases for exterior and interior doors, entrance doors, technical areas etc.

#### Features

- Available with backset 70, 50 and 35 mm
- With cylinder, deadlocking and lever latch
- The cylinder latch deadlocks automatically when it is extracted 14 mm and the deadlocking latch is depressed
- Available with a built-in micro switch
- The cylinder latch can be locked back
- Handing of the latches is reversible
- Steel lever latch for fire-rated doors
- Can be combined with electric strikes

#### Function

- Cylinder, deadlocking and lever latch are retracted with key or thumb turn
- The lever latch is retracted with lever handle

The lock-back mechanism in the face plate has the following functions:

- 220 Cylinder latch is locked back with snib
- 221 Cylinder latch is locked back with a token key
- 222 Cylinder latch cannot be locked back
- 223 Cylinder latch is locked back with snib equipped with a locking nut.  
The snib can be secured in locked back or normal position



220-50



221-50



222-50



223-50



230-50



231-50



232-50

### Cylinder Latch Locks 230, 231, 232

#### Application

Lock cases for entrance doors and gates with pull handles, door closers or door automatics.

#### Features

- Available with backset 70, 50 or 35 mm
- With cylinder and deadlocking latch
- Automatic deadlocking of cylinder latch at 14 mm extraction and depressed deadlocking latch
- Available with a built-in micro switch
- The cylinder latch can be locked back
- Handing of the cylinder latch is reversible
- Can be combined with electric strikes

#### Function

- Cylinder and deadlocking latch are retracted with key or thumb turn

The lock-back mechanism in the face plate has the following functions:

- 230 Cylinder latch is locked back with snib
- 231 Cylinder latch is locked back with a token key
- 232 Cylinder latch cannot be locked back

### Latch Lock 212

#### Application

Lock case for doors where only lever function is desired.

#### Features

- Available with backset 70, 50 or 35 mm
- With lever latch
- Handing of the lever latch is reversible
- Steel lever latch for fire-rated doors

#### Function

Lever latch is retracted with lever handle



### Latch Hook Bolt Lock 640 with Split Spindle Function

#### Application

Lock case for class rooms, hotels, technical areas, offices etc. where high demand of security, quick and convenient exit is important.

#### Features

- Available with backset 70, 50 or 35 mm
- Meets the requirements of the EN 12209 security grade 3
- With deadlocking lever latch and hook bolt
- Automatic deadlocking of cylinder latch at 14 mm extraction and depressed deadlocking latch
- Handing of the lever latch is reversible
- Can be mounted with or without outside handle

#### Function

- Outside
  - The deadbolt is operated with key
  - The lever latch is retracted with handle
- Inside
  - The deadbolt is operated with thumb turn
  - Lever latch and deadbolt are retracted with lever latch





620-50



621-50

622-50  
624-50

### Double Latch Locks 620, 621, 622, 624 with Split Spindle Function

#### Application

Lock case for interior doors, class rooms, offices, and technical areas etc. where quick and convenient exiting is important.

#### Features

- Available with backset 70, 50 or 35 mm
- With cylinder, deadlocking and lever latch
- Automatic deadlocking of cylinder latch at 14 mm extraction and depressed deadlocking latch
- Available with a built-in micro switch
- The cylinder latch can be locked in
- Handing of the latches is reversible
- Lever latch of steel for fire-rated doors
- Can be combined with electric strikes

#### Function

- Outside
  - Cylinder, deadlocking and lever latch are retracted with key
  - Lever latch is retracted with handle
- Inside
  - Cylinder, deadlocking and lever latch are retracted with handle

#### The lock-back mechanism in the face plate has the following functions:

- 620 Cylinder latch is locked back with snib
- 621 Cylinder latch is locked back with a token key
- 622 Cylinder latch cannot be locked back
- 624 Cylinder latch is locked back with inside handle



All Modular lock cases with lever handle latch and/or no lockable cylinder latch are approved for installation in doors made of timber, aluminium and steel in fire grading E/EI 15 - E/EI60. (Tg. nr. 1039 99)

### Latch Deadbolt Lock 2000

#### Application

Lock case for entrance doors within residential segment; houses, apartments, apartment buildings for the elderly and disabled etc.

#### Features

- Available with backset 50 mm
- Meets the requirements of the EN 12209 security grade 5, combine with \*LS 12209  
\* = Lock shield
- With lever latch and deadbolt
- Blocking mechanism (snib) for thumb turn function in the face plate
- Guided deadbolt of hardened steel
- Handing of the lever latch is reversible
- Lever latch of steel for fire-rated doors
- Available with a built-in micro switch

#### Function

- The bolt is operated with key or thumb turn
- When the snib is pressed down, the thumb turn function is blocked so that the lock cannot be opened without key = away secure
- When the lock is opened with key, the thumb turn function is automatically activated = home convenient
- The lever latch is retracted with handle

### Latch Hook Bolt Lock 7787

#### Application

Lock case for entrance doors, file rooms, storage areas, offices, industrial buildings etc.

#### Features

- Available with backset 50 mm
- Meets the requirements of the EN 12209 security grade 5, combine with \*LS 12209  
\* = Lock shield
- With lever latch and hook bolt
- Guided hook bolt of hardened steel
- The hook bolt interlocks door and frame
- Handing of the lever latch is reversible
- Lever latch of steel for fire-rated doors
- Available with a built-in micro switch

#### Function

- The hook bolt is operated with key or thumb turn
- The lever latch is retracted with handle





### Latch Deadbolt Lock 8765

#### Application

Lock case for entrance doors, file rooms, storage areas, offices, industrial buildings etc.

#### Features

- Available with backset 50 and 70 mm
- Meets the requirements of the EN 12209 security grade 5, combine with \*LS 12209  
\* = Lock shield
- With lever latch and deadbolt
- Guided deadbolt of hardened steel
- Handing of the lever latch is reversible
- Lever latch of steel for fire-rated doors
- Available with a built-in micro switch

#### Function

- The deadbolt is operated with key or thumb turn
- The lever latch is retracted with handle



### Hook Bolt Lock 9787

#### Application

Lock case for entrance doors, sliding and swing doors with a pull handle or a push plate.

#### Features

- Available with backset 50 mm
- Meets the requirements of the EN 12209 security grade 5, combine with \*LS 12209  
\* = Lock shield
- Guided hook bolt of hardened steel
- The hook bolt interlocks door and frame
- Available with a built-in micro switch

#### Function

The hook bolt is operated with key or thumb turn

### Deadbolt Locks 9788

#### Application

Lock case for entrance doors, sliding and swing doors with a pull handle or a push plate.

#### Features

- Available with backset 50 and 70 mm
- Meets the requirements of the EN 12209 security grade 5, combine with \*LS 12209  
\* = Lock shield
- Guided deadbolt of hardened steel
- Available with a built-in micro switch

#### Function

The deadbolt is operated with key or thumb turn



### Latch Deadbolt Lock 565

#### Application

Lock case for exterior and interior doors, offices, industrial buildings etc.

#### Features

- Available with backset 50 and 70 mm
- Meets the requirements of the EN 12209 security grade 3
- With lever latch and deadbolt
- Handing of the lever latch is reversible
- The lock can be complemented with toilet accessories

#### Function

- The deadbolt is operated with key or thumb turn
- The lever latch is retracted with handle, key or thumb turn





### Roller Latch Lock with Deadbolt 566

#### Application

Lock case for interior doors, sliding and swing doors, shop and entrance doors.

#### Features

- Available with backset 50 and 70 mm
- Meets the requirements of the EN 12209 security grade 3
- With deadbolt and adjustable roller latch
- Combined with pull handle or push plate

#### Function

- The deadbolt is operated with key or thumb turn
- The roller latch is depressed by the striking plate



### Hook Bolt Lock 587

#### Application

Lock case for interior doors in industrial buildings, shops etc.

#### Features

- Available with backset 50 mm
- Meets the requirements of the EN 12209 security grade 3
- With hook bolt and lever latch
- The hook bolt deadlocks automatically at 85° extraction
- Handing of the lever latch is reversible
- Lever latch of steel for fire-rated doors
- The hook bolt interlocks door and frame

#### Function

- The hook bolt is operated with key or thumb turn
- The lever latch is retracted with handle



### Hook Bolt Lock 2587

#### Application

Lock case for interior doors in industrial buildings, shops, sliding doors, swing doors etc.

#### Features

- Available with backset 50 mm
- Meets the requirements of the EN 12209 security grade 3
- With hook bolt
- The hook bolt interlocks door and frame

#### Function

The hook bolt is operated with key or thumb turn



### 3-point Locks 2565, 6498

#### Application

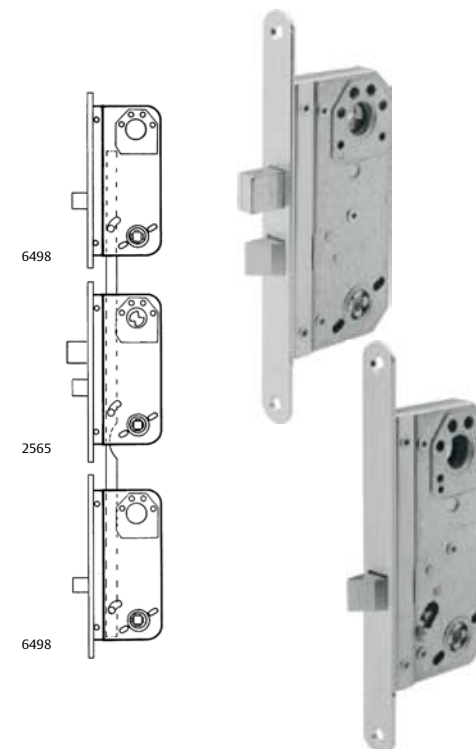
Lock case for fire doors on boats and oil rigs.

#### Features

- Available with backset 50 and 70 mm
- With lever latch (6498)
- With deadbolt (2565)
- Handing of the lever latch with 16 mm extraction is reversible
- Lever latch of steel for fire-rated doors
- The locks can be connected with a linkage rod

#### Function

- The deadbolt is operated with key or thumb turn
- The lever latch is retracted with handle
- If the locks are connected according to the figure, all three locks will be operated through the 2565.





### Deadbolt Lock 2588

#### Application

Lock case for entrance doors, sliding and swing doors with a pull handle or a push plate.

#### Features

- Meets the requirements of the EN 12209 security grade 3
- With deadbolt

#### Function

The deadbolt is operated with key or thumb turn



### Double Latch Locks 560, 562, 564, 1560

#### Application

Lock case for exterior and interior doors, entrance doors, technical areas etc.

#### Features

- Available with backset 50 and 70 mm
- With cylinder, deadlocking and lever latch
- Automatic deadlocking of cylinder latch at 14 mm extraction and depressed deadlocking latch
- Available with a built-in micro switch
- The cylinder latch can be locked back
- Handing of the latches is reversible
- Lever latch of steel for fire-rated doors
- Can be combined with electric strikes

#### Function

- Cylinder, deadlocking and lever latch are retracted with key or thumb turn
- Lever latch is retracted with handle

The lock-back mechanism in the face plate has the following functions:

- 560 Cylinder latch is locked back with snib
- 562 Cylinder latch is locked back with a token key
- 564 Cylinder latch is locked back with snib equipped with a locking nut. The snib can be secured in locked back or normal position
- 1560 Cylinder latch cannot be locked back



560



562



564



1560



5584

### Cylinder Latch Locks 5584, 5585, 6580, 6585

#### Application

Lock case for entrance doors and gates with pull handles, door closers or door automatics.

#### Features

- Available with backset 50 and 70 mm
- With cylinder and deadlocking latch
- Automatic deadlocking of cylinder latch at 14 mm extraction and depressed deadlocking latch
- Available with a built-in micro switch
- The cylinder latch can be locked back
- Handing of the latches is reversible
- Can be combined with electric strikes

#### Function

Cylinder and deadlocking latch are retracted with key or thumb turn

The lock-back mechanism in the face plate has the following functions:

- 5584 Cylinder latch is locked back with snib
- 5585 Cylinder latch is locked back with a token key
- 6580 Without deadlocking function, cylinder latch is locked back with a token key
- 6585 Cylinder latch cannot be locked back



5585



6580



6585



### Latch Bolt Locks 1498

#### Application

Lock case for doors where only lever handle function is desired.

#### Features

- Available with backset 50 and 70 mm
- With lever latch
- Handing of the lever latch is reversible
- Lever latch of steel for fire-rated doors

#### Function

Lever latch is retracted with handle



### Latch Deadbolt Lock 1520 with Split Spindle Function

#### Application

Lock case for classrooms, hotel rooms, technical areas, offices etc. with high demands against forced entry and where quick and convenient exiting is required.

#### Features

- Available with backset 50 and 70 mm
- Meets the requirements of the EN 12209 security grade 3
- With deadlocking lever latch and bolt
- The lever latch deadlocks automatically when it is extracted 14 mm and the deadlocking latch is depressed
- Handing of the lever latch is reversible
- Can be mounted with or without outside handle

#### Function

- Outside
  - The deadbolt is operated with key
  - The lever latch is retracted with handle
- Inside
  - The deadbolt is operated with thumb turn
  - Lever latch and deadbolt are retracted with lever handle







### Double Latch Locks 504, 506, 509 with Split Spindle Function

#### Application

Lock case for interior doors, offices, technical areas, etc. with high demands against forced entry and where quick and convenient exiting is required.

#### Features

- Available with backset 50 and 70 mm
- With cylinder, deadlocking and lever latch
- The cylinder latch deadlocks automatically when it is extracted 14 mm and the deadlocking latch is depressed
- The cylinder latch can be locked back
- Handing of the latches is reversible
- Lever latch of steel for fire-rated doors
- Can be combined with electric strikes

#### Function

- Outside
  - Cylinder, deadlocking and lever latch are retracted with key
  - Lever latch is retracted with handle
- Inside
  - Cylinder, deadlocking and lever latch are retracted with lever handle

Cylinder, deadlocking and lever latch are retracted with lever handle

- 504 Cylinder latch is locked back with snib
- 506 Cylinder latch is locked back with a token key
- 509 Cylinder latch is locked back with inside thumb turn



504



506



509



### Double Cylinder Lock 5761

#### Application

Lock case for entrance, basement and storage area doors with a pull handle or a push plate.

#### Features

- Available with backset 50 mm
- With cylinder and deadlocking latch
- Automatic deadlocking of cylinder latch at 14 mm extraction and depressed deadlocking latch
- The cylinder latch can be locked back
- Handing of the latches is reversible
- Cylinder latch of steel for fire-rated doors
- Complemented with ASSA accessory set 5761-1 or 5761-3
- Can be combined with electric strikes

#### Function

- Outside
  - Cylinder latch is retracted with key using one of the two cylinders
- Inside
  - Cylinder latch is retracted with key using one of the cylinders (5761-3) or with handle (5761-1)





All narrow profile lock cases with lever handle latch and/or no lockable cylinder latch are approved for installation in doors made of timber, aluminium and steel in fire grading E/EI 15 - E/EI60. (Tg. nr. 1039 99)



### Hook Bolt Lock 13 787

#### Application

Lock case for entrance doors in shops, department stores, offices etc. with narrow profile construction.  
The lock is ideal for use in patio and balcony doors without an espagnolette.

#### Features

- Available with backset 28 mm
- Meets the requirements of the EN 12209 security grade 3
- Guided hook bolt of hardened steel
- The hook bolt interlocks door and frame
- Available with a built-in micro switch

#### Function

Hook bolt is operated with key or thumb turn



### Double Latch Locks 1362

#### Application

Lock case for entrance doors in shops, offices, apartment buildings etc. with narrow profile door construction.

#### Features

- Available with backset 28 mm
- With cylinder, deadlocking and lever latch
- The cylinder latch deadlocks automatically when it is extracted 14 mm and the deadlocking latch is depressed
- The cylinder latch can be locked back
- Can be combined with electric strikes

#### Function

- Cylinder and lever latch are retracted with key or thumb turn
- Lever latch is retracted with handle
- Cylinder latch can be locked back with a token key



### Cylinder Latch Locks 1380, 1385, 13 585

#### Application

Lock case for entrance doors in shops, department stores, offices, apartment buildings etc. with narrow profile door construction and with a pull handle and a door closer or door automatics.

#### Features

- Available with backset 28 mm
- With cylinder and deadlocking latch
- The cylinder latch deadlocks automatically when it is extracted 14 mm and the deadlocking latch is depressed
- The cylinder latch can be locked back
- Can be combined with electric strikes

#### Function

Cylinder latch is retracted with key or thumb turn

- 1380 Without deadlocking function. Cylinder latch is locked back with a token key
- 1385 Cylinder latch can be locked back with a token key.
- 13585 Cylinder latch cannot be locked back



1380



1385



13585



### Latch Bolt Locks 1398

#### Application

Lock case for interior doors and corridor doors with narrow profile construction and when only handle function is desired.

#### Features

- Available with backset 28 mm
- With lever latch

#### Function

Lever latch is retracted with handle



### Auxiliary Lock 8788

#### Application

Lock case for use as a complementary lock in entrance doors, gates and swing doors.

#### Features

- Backset 50 mm
- Meets the requirements of the EN 12209 security grade 3
- Guided deadbolt of hardened steel
- Available with a built-in micro switch
- Mortice lock that requires other door preparation than modular locks

#### Function

The bolt is operated with key or thumb turn



### Cylinder Latch Locks 585, 2580

#### Application

Lock case for entrance doors and gates for retro-fitting/aftermarket where modular locks cannot be installed.

#### Features

- Backset 50 mm
- With cylinder and deadlocking latch
- The cylinder latch can be locked back
- Can be combined with electric strikes
- Mortice lock that requires other door preparation than modular locks
  - 585 the cylinder latch deadlocks automatically when it is extracted 14 mm and the deadlocking latch is depressed
  - 2580 without deadlocking function

#### Function

- Cylinder latch is retracted with key or thumb turn
- Cylinder latch is locked back with a token key





### Latch Lock 576

#### Application

Lock case for surface mounting in doors with construction that does not allow mounting of modular locks.

#### Features

- With cylinder and deadlocking latch
- Reversible cylinder latch
- The cylinder latch deadlocks automatically when it is extracted 14 mm and the deadlocking latch is depressed
- The cylinder latch can be locked back

#### Function

- Cylinder latch is retracted with key or thumb turn
- The cylinder latch is locked back by depressing it in the lock case and is released with thumb turn or key



### Deadbolt Lock 577

#### Application

Lock case for surface mounting in doors with construction that does not allow mounting of modular locks.

#### Features

- With deadbolt
- The deadbolt is reinforced with hardened steel pins for increased protection against cutting

#### Function

The bolt is operated with key or thumb turn



### 593, 1593, 2593, 3593

#### Application

Lock for cabinet doors, electric cabinets etc.

#### Features

- Cabinet locks for construction cylinders
- Dead bolt equipped with an adjusting screw
- Dead bolt turn 90°
- Can be completed with an extension ring to suit other door thicknesses

#### Function

- The lock is operated with key
- The key can only be removed in locked position

Lock type	Door thickness	Extension ring, mm
593	20 - 65	
1593	0 - 45	
2593	37 - 80	
3593	0 - 7	37
3593	7 - 12	30
3593	12 - 17	25
3593	17 - 22	20
3593	22 - 27	15
3593	27 - 32	10
3593	32 - 37	5



593



1593



3593 2593

### 1592, 2592

#### Application

Locks for cabinet doors, hatches etc.

#### Features

- For construction cylinders
- Can be complemented with an extension ring to suit other door thicknesses

#### Function

- Dead bolt or latch is operated with key
  - The key can be removed both in locked and unlocked position
- 1592 With latch  
-2592 With dead bolt

Lock type	Door thickness	Extension ring, mm
1592	20 - 60	
2592	20 - 60	
1592	10 - 20	10
2592	10 - 20	
1592	0 - 10	20
2592	0 - 10	



1592



2592



530



1530

### Blocking Locks 530, 1530

#### Application

Lock for blocking electric main switches and fuse boxes. Prevents unauthorised persons from switching on the power and subsequently causing accidents.

#### Features

- Shackles of bright zinc steel
- For construction cylinders

#### Function

- The shackle is operated with key
  - 530 Single secured
  - 1530 Multiple secured; up to six persons can block the lock with another blocking lock or a padlock



### Medicine Cabinet Lock 1596

#### Application

Lock for medicine cabinets, refrigerators etc.

#### Features

- For construction cylinders
- With latch and deadlocking latch
- Complemented with an extension ring when the door thickness is less than 22 mm
- The cylinder latch deadlocks automatically when it is extracted 10 mm and the deadlocking latch is depressed

#### Function

- The latch is retracted with key
- The key can be removed in locked position only



### Security Striking Plates 1487-1 – 1487-5, 1487-9

#### Application

For perimeter protection and other important doors, where security is of essence.

#### Features

- Meets the requirements of the EN 12209 security grade 5
- Mounted with high security screws to resist higher break force and for maximum resistance to attack.

#### Function

- For protection of the lock case dead bolt from physical attack and manipulation.
- With edge rolled front for low friction between striking plate and the latch.  
Ex. 1487-1 – 1487-4 have adjustable lips in the security box to get the right border pressure.

	Width	Lip	Angle	Length
1487-1	40	13,5		200
1487-2	40	16,5		200
1487-3	43,5	20		200
1487-4	45	21,5		200
1487-5	29,5	5,5	29,5	200
1487-9	25	5,5		245



1487-1

1487-5

1487-9

### Standard Striking Plates 1264-1 – 1264-8

#### Application

For interior doors and accommodation where standard locking is required.

#### Features

- For limited break force
- Rounded leading edge for low friction between the striking plate and latch bolt

#### Function

- Keep the door in closed position through the latch bolt/dead bolt engagement
- 1264-1 – 1264-7 with single adjusting lip for adjustment of border pressure

	Width	Lip	Angle	Length
1264-1	36	13,5		150
1264-2	36	16		150
1264-3	36	19		150
1264-4	40	23		150
1264-5	36	13		150
1264-6	36	16		150
1264-7	40	20		150
1264-8	24	5,5	22	155



1264 1-4

1264 5-7



1887-1 1887-5 1888-1



1888-5 1887-9

## 1887-1 – 1887-5, 1887-9, 1824-1 – 1824-7, 1888-1, 1888-5

### Application

For perimeter protection and other important doors, where security is of essence.

### Features

- Meets the requirements of the EN 12209 security grade 5
- Mounted with high security screws to resist higher break force and for maximum resistance to attack.

### Function

- With edge rolled front for low friction between striking plate and the latch  
Ex. 1887-1 – 1887-4 have adjustable lips in the security box to get the right border pressure
- Plane security striking plates 1887-1 1887-5 for modular locks has adjustable screws to eliminate elasticity in the frame.
- Plane security striking plates 1887-1 1887-4 can be complemented with tin plate 1895 for alternative lip width.
- 1887-1 – 1887-4 can be complemented with deadlocking bar 1893 for locks with deadlocking latch.

	Width	Lip	Angle	Length
1824-1	32	5,5	8	225
1824-2	32	5,5	25	225
1824-3	32	7,5	27	225
1824-4	32	7,5	15	225
1824-5	40	14	8	225
1824-6	32	5,5	15	225
1824-7	32	5,5	20	225
1887-1	40	12,5		200
1887-2	40	15,5		200
1887-3	43,5	19		200
1887-4	45	20,5		200
1887-5	29,5	4,5	29,5	200
1888-1	30	7		150
1888-5	29	6	27	150
1887-9	25	5,5		245



## 2800, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2876, 2885, 2887, 2888, 2892

### Application

For interior doors and accommodation where standard locking is required.

### Features

- For limited break force
- Rounded leading edge for low friction between the striking plate and latch bolt

### Function

- Keep the door in a closed position through the latch/dead bolt engagement
- 2864, 2865, 2860 and 2861 with single adjusting lip for adjustment of border pressure

	Width	Lip	Angle	Length	R/L
2860-1	35	15,5	-	155	X
2860-2	41,5	22	-	155	X
2860-5	24	3,5	22	155	X
2861	40	21	-	135	
2862-1	35	15	-	125	
2862-2	35	21,5	-	125	
2862-3	32,5	14,5	-	213	
2862-6					
2863-5	22	4	8	215	
2863-6	22	4	22	215	
2864-1	35	15	-	125	
2864-2	32,5	12,5	-	125	
2865-1	40	12,5	-	200	
2865-2	40	15,5	-	200	
2885	36	17,5	-	83	
2887-1	25	-	-	125	
2887-2	40	-	-	132	
2888	22	-	-	83	



2860-1 2861 2862-2



2863-5 2864 2865-1



2885 2887-1 2888



2866-1



2866-2



2876-1 \*



2876-5 \*



2892-5



2892-6

## 2866-1, 2866-2, 2876-1, 2876-5, 2892-5, 2892-6

### Application

For interior doors and accommodation that don't require approved locking.

### Features

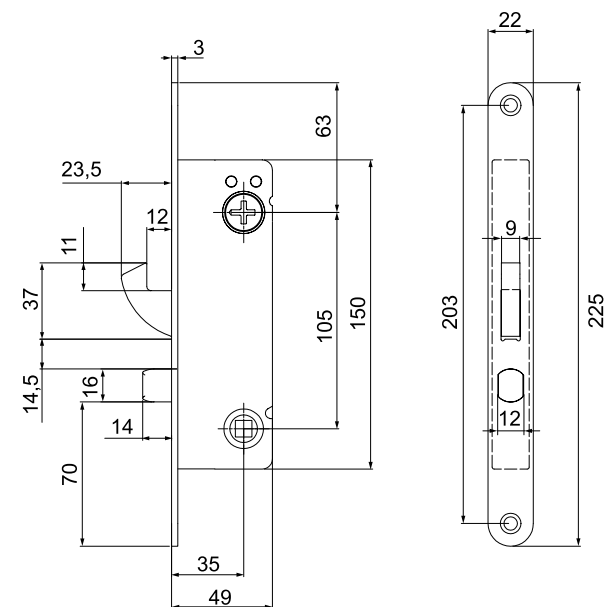
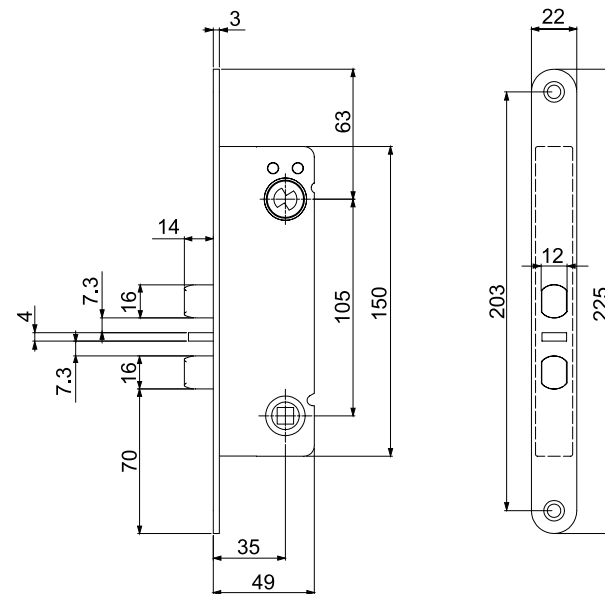
- For limited break force
- Rounded leading edge for low friction between the striking plate and latch bolt

### Function

Keep the door in a closed position with latch or dead bolt operation

	Width	Lip	Angle	Length	R/L
2866-1	33	14,5	-	127	X
2866-2	43	14,5	-	127	
2876-1 *	60	9	-	70	
2876-5 *	27,5	6	8	111	
2892-5	20	2	12,5	50	
2892-6	17		6	50	

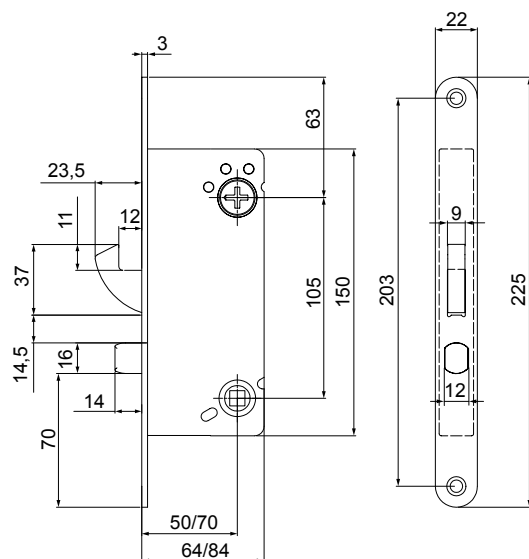
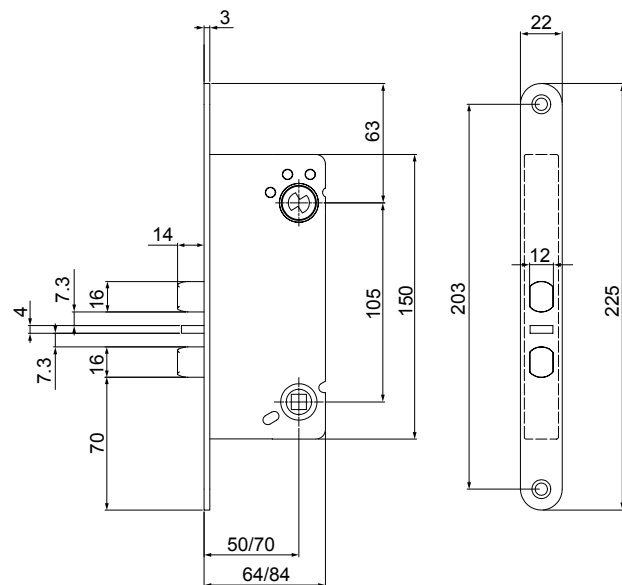
\* = For rim lock 576 and 577





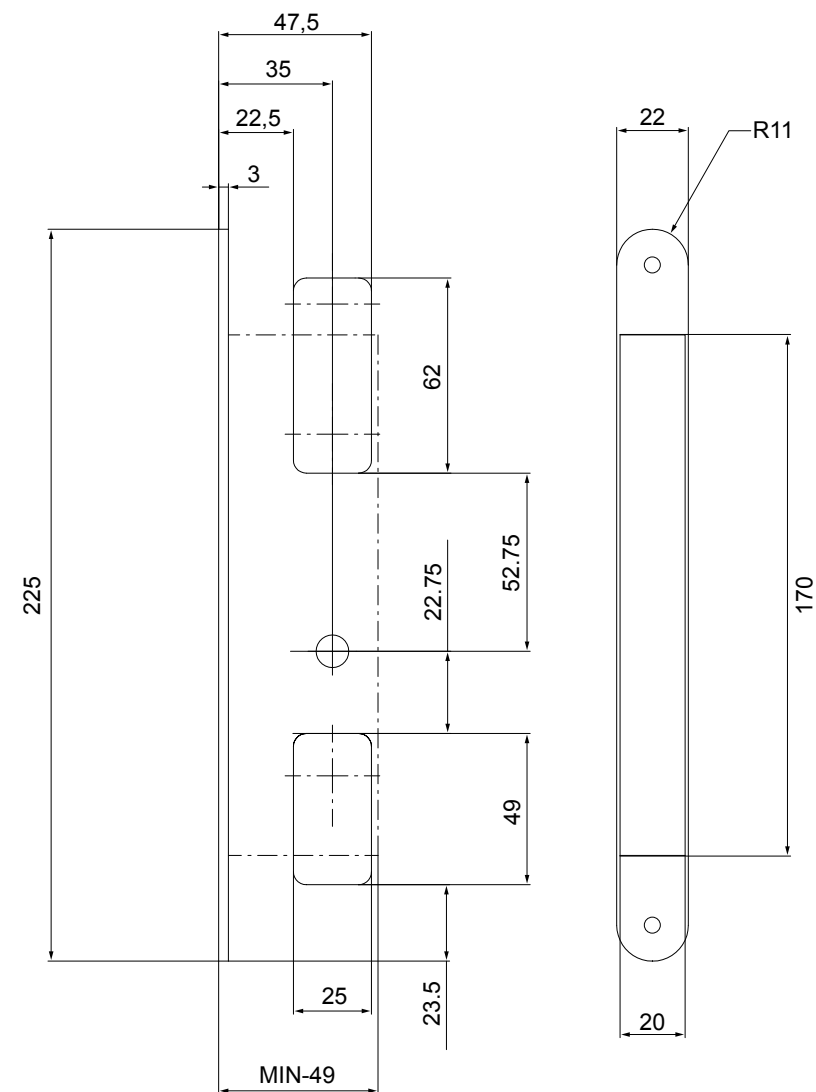


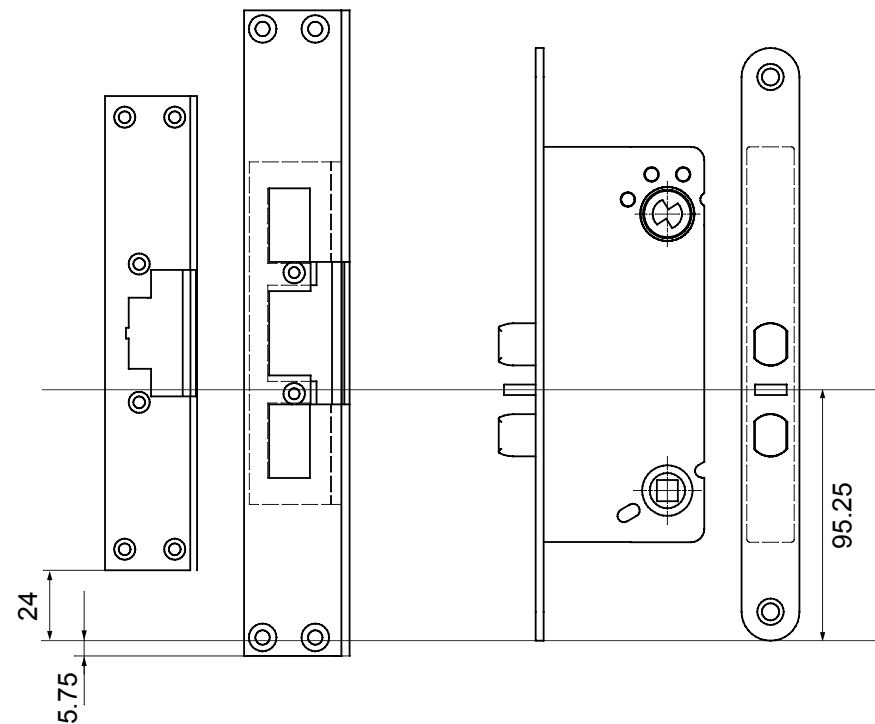
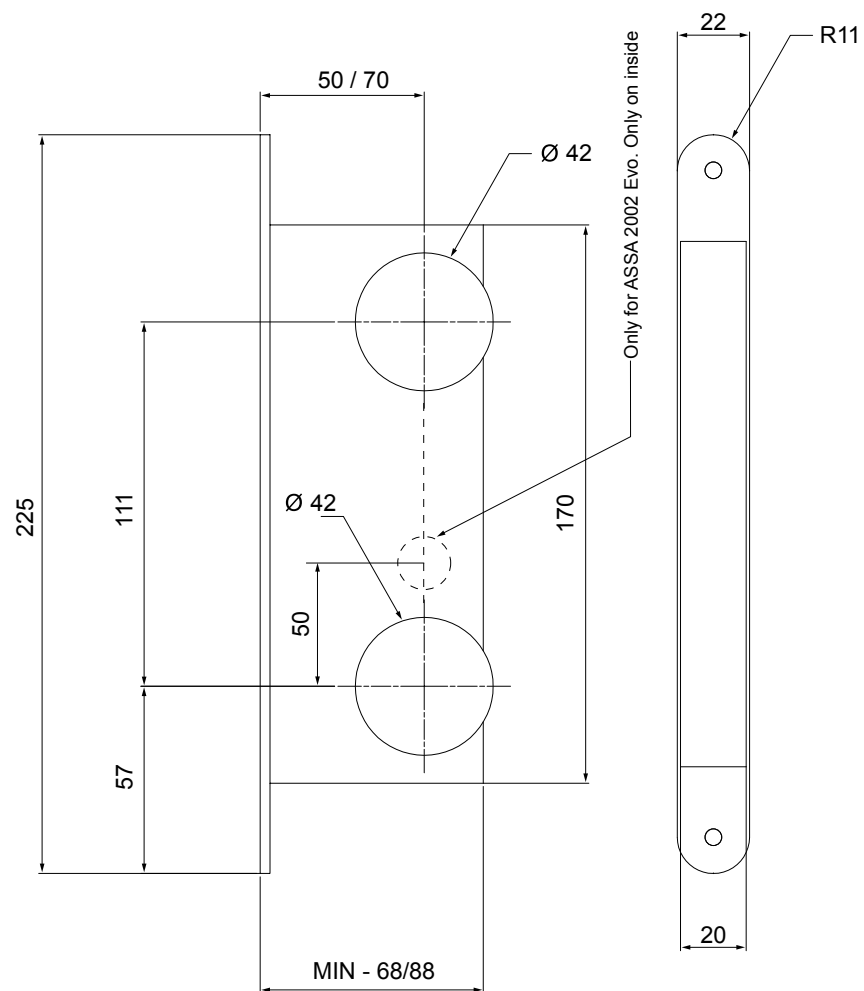
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## Mortice Evolution 35



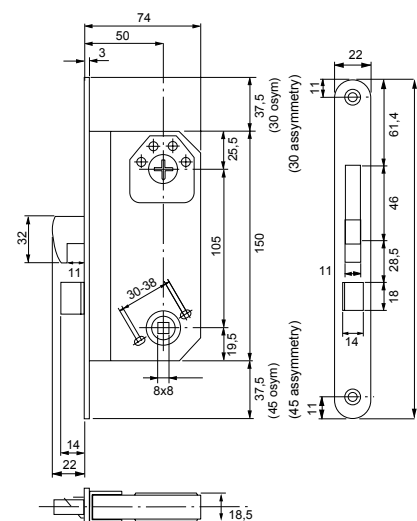
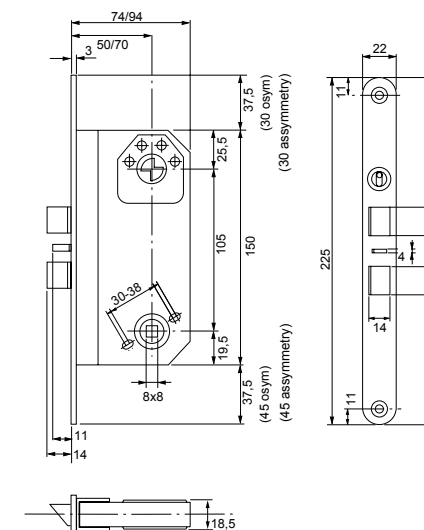
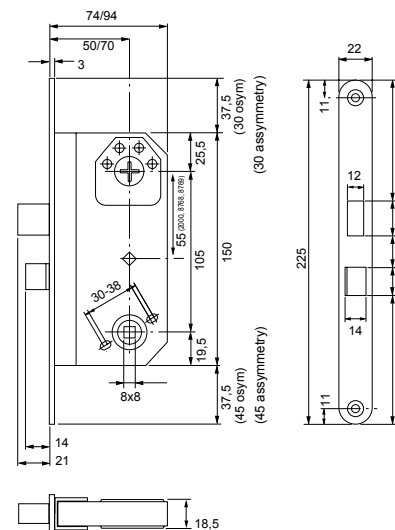


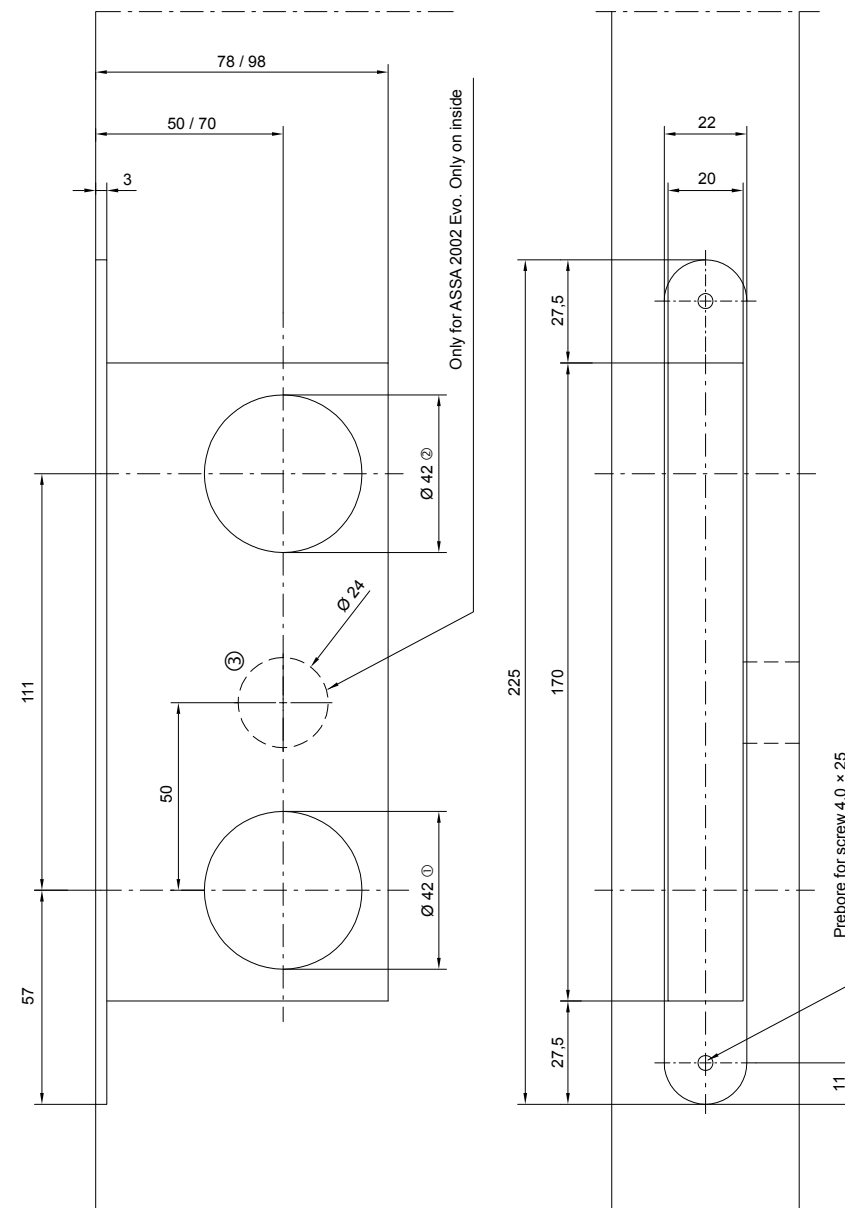
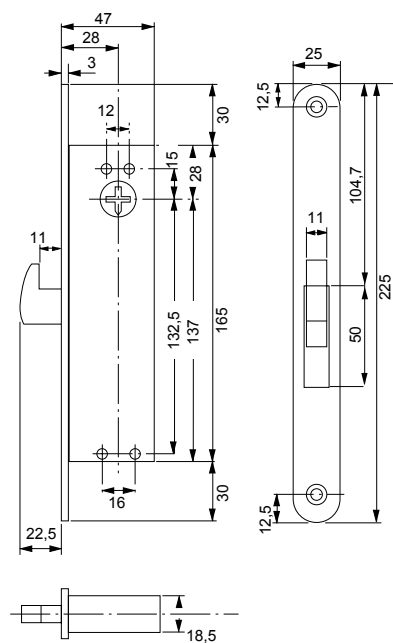
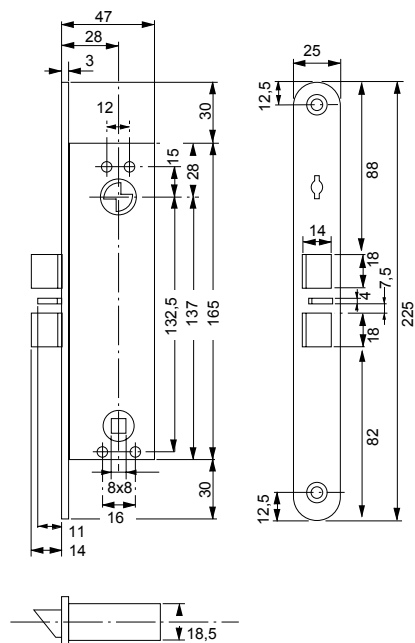


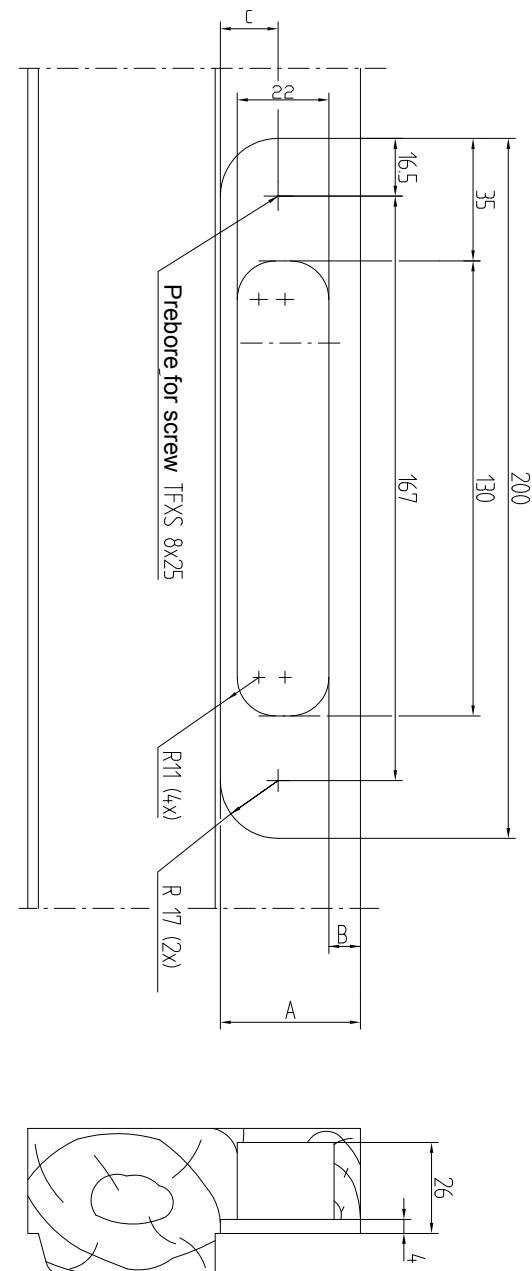
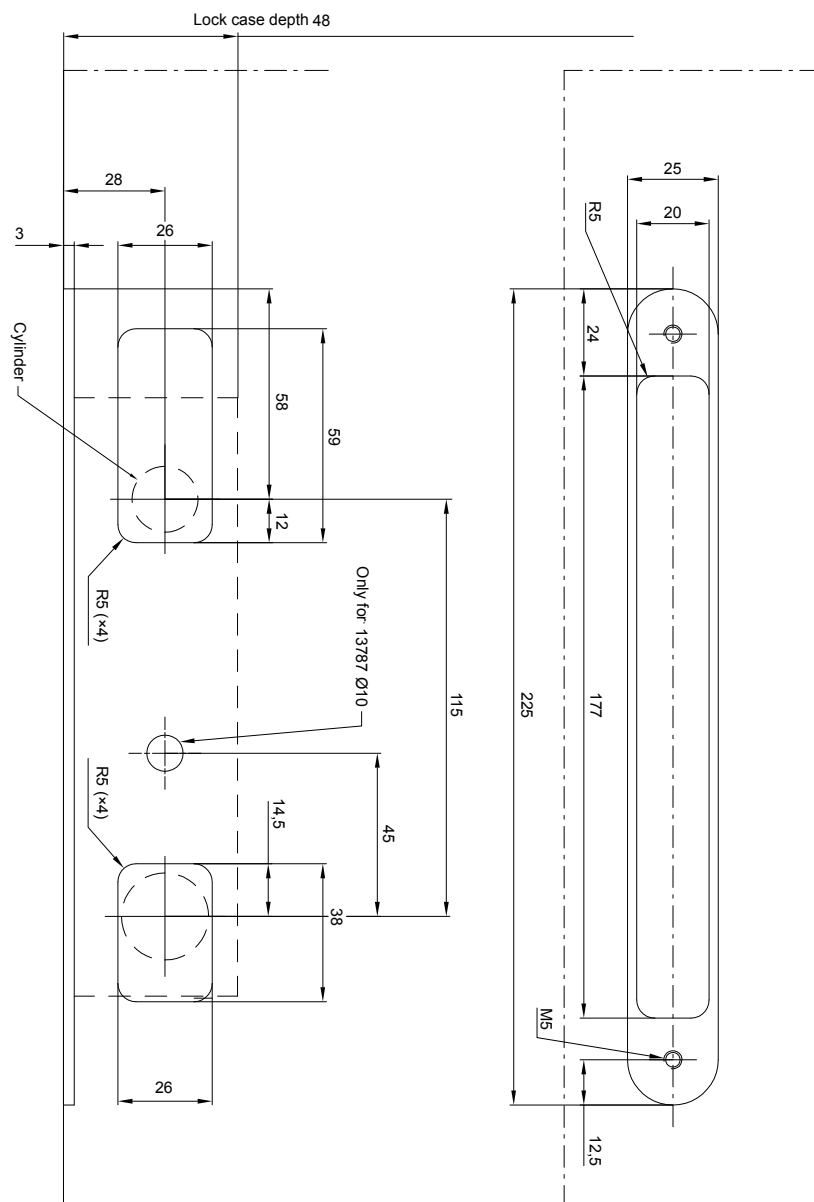
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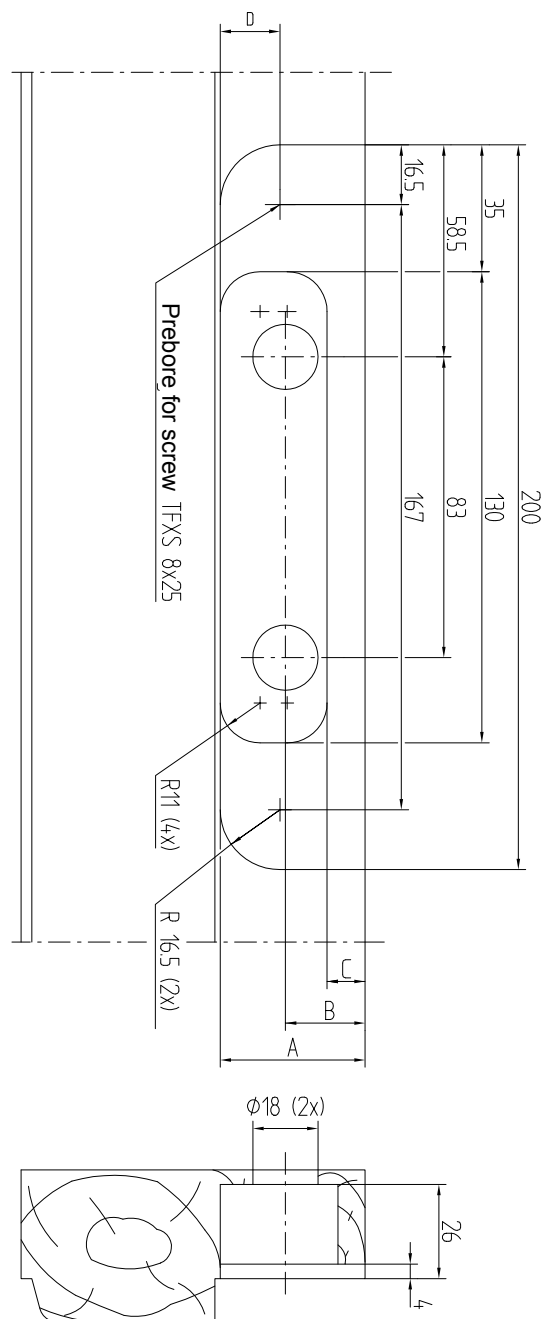


## Dimension Drawing, Modul







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# ELECTRO MECHANICAL LOCKS

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## Flexible operational solutions

Electric locks has a wide range of applications from medium security internal doors to high security perimeter doors.

Electric locks offer the perfect combination of fast convenient access, safe exit, distance operation, surveillance and last but not least high security. Any type of superior systems, from a simple push button via timer switches and code locks to the most advanced accesscontrol- or burglary alarm systems can operate electric locks.

## Secure, safe and convenient

Electric lock range stretches from high security motor locks via approved safety in emergency exit devices and convenient single hand operated solenoid handle locks to cost efficient electric strikes.





## Electric Strikes

Electric strikes is the most commonly used product within electro mechanic locks. Distinguishing characteristics is speed, durability and amount of opening cycles.

### Wide range for different needs

Selection of electric strike and faceplate determines by several factors.

Consider security and fire protection, as well as presence or option of an automatic door opener.

The ASSA electric strike range contains a wide variety of products developed for several applications and are available in three different security levels, in conjunction with latch locks.

The STEP electric strikes in conjunction with bolt or hook bolt locks.

Also available are products for all glass doors as well as for potential highly explosive premises like the pneumatic strike.

### Fire protection

Electric strikes can be used in fire protective doors.

### Several operations

Electric strikes is offered in several operations. Provided is fail locked, fail unlocked and fail unlocked escape safe operations. Monitoring micro switches is optional provided; switches are monitoring e.g. door position and locked status.

## Maintenance, Electric Strikes

Please follow enclosed documents at installation, do not diverge from these instructions prior to consulting ASSA.

### Maintenance

- To maintain characteristics of a Solid Electric strike, the strike should be:
  - Aligned with forend of lock case
  - Fitted with a 3 mm  $\pm$  1 mm gap between faceplate of strike and forend of lock case
  - Fitted with a 1 mm  $\pm$  0,5 mm clearance between the lock's latch and the inner face of the pivoting staple
  - Every six month, apply a small amount of designated grease on pivoting staple. Highly frequented doors may need maintenance with shorter intervals.
  - Do NOT use spray lubricants; solvent may seriously harm electronics
  - Electric parts need NO maintenance
  - A protective diode (e.g. 1N4004) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks)
  - To maintain desired operation and security level of installed unit, it is of great importance to check and adjust the entire door environment:
    - Lock case and strike plate
    - Lock accessories (Lever handle, thumb turn etc.)
    - Hinges, framework and door threshold (sill)
    - Door closer

NB!

Warranty fails if product is:

- Wrong assembled
- Opened by unauthorised personnel (broken seal)
- Fitted with accessories or parts not supplied by ASSA



## Electric Strike, Heavy Duty

### Solid 131, 5131, 8131, 331, 5331, 8331

#### Application

Solid High security electric strikes provides very high strength and durability, ideal for high security and high traffic applications.

Suitable for security applications such as perimeter doors, entrance doors, gates and other applications within industry, office and trading premises.

Solid High security electric strikes with fail locked operation is rated E/EI60 for use in fire protective doors.

Solid High security electric strikes with fail unlocked escape safe operation, offers guaranteed operation despite side pressure of 5kN (500 Kg) therefore excellent in escape route applications and in air locks.

#### Function

Solid High security electric strikes provides two main options

- Fail locked operation (131, 5131, 8131)
  - Locked in case of power failure
- Fail unlocked escape safe operation (331, 5331, 8331)
  - Unlocked escape safe in case of power failure

#### Features

- Very sturdy, well known to resist over 1 000 000 operations
- Pivoting latch and housing in steel
- Operates in conjunction with dead latched single latch locks

#### Fail locked operation (131, 5131, 8131)

- Rated E/EI60 for use in fire protective doors
- Will operate despite side pressure of 250N (25 Kg)
- Very high strength, resists 15 kN (1500 Kg)
- Very high impact and shock proof
- Optional monitoring microswitches
  - Latch bolt engagement monitoring (5131)
  - Pivoting staple deadlocking and latch bolt engagement monitoring (8131)

#### Fail unlocked operation (331, 5331, 8331)

- Guaranteed operation despite side pressure of 5 kN (500 Kg)
- High strength, resists 7,5 kN (750 Kg)
- Required opening force when unlocked 40 N (4 Kg)
- Optional monitoring microswitches
  - Latch bolt engagement monitoring (5331)
  - Pivoting staple deadlocking and latch bolt engagement monitoring (8331)

#### Technical specification

Solid electric strikes rated DC only.

A protective diode (e.g. 1N4004) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks)

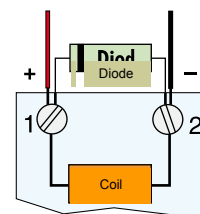
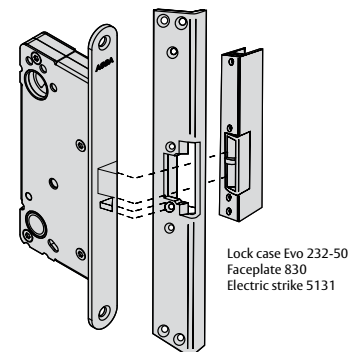
- Current / Voltage, fail locked (131, 5131, 8131)
  - 300 mA @ 12 VDC  $\pm$  10 %
  - 160 mA @ 24 VDC  $\pm$  10 %
- Current / Voltage, fail unlocked (331, 5331, 8331)
  - 490 mA @ 12 VDC  $\pm$  10 %
  - 230 mA @ 24 VDC  $\pm$  10 %
- Micro switches changeover NO/NC
  - Rated 1 A @ 30 VDC

#### Typical installation

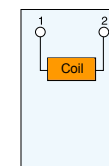
To maintain characteristics of a Solid

Electric strike, the strike should be fitted with a 3 mm  $\pm$  1 mm gap between

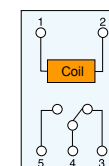
faceplate of strike and forend of lock case.



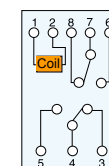
A protective diode should be connected; stripe on diode should be wired to + (all)



Electric strike (131, 331)



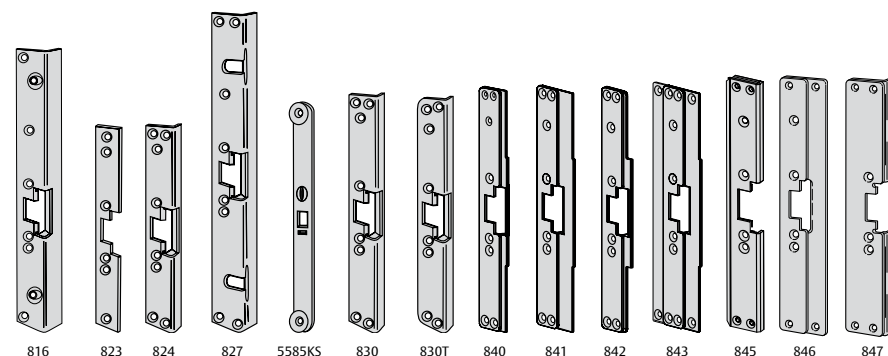
Electric strike with latch bolt monitoring switch (5131, 5331)



Electric strike with latch bolt and pivoting staple monitoring switches (8131, 8331)

#### Accessories

A variety of faceplates suited for Solid High security electric strikes is provided. Selection of faceplate origin in door and frame material and measurement as well as type of application





## Faceplates for Solid Electric Strike, Heavy Duty

### Solid 816, 823, 824, 830, 830T, 827KB

#### Application

Solid faceplates for high security electric strikes adapts fitting and characteristics to the present application.

#### Function

Selection of electric strike and faceplate determines by several factors. Consider security and fire protection as well as presence or option of an automatic door opener.

Door and frame design is crucial i.e. modular- or narrow style profile.

Material is also an issue e.g. wood, aluminium or steel.

To select the right product you also have to know which type of mechanical lock that is provided to operate in conjunction with the electric strike and the measurement from door surface (on hinge side) to the flat side of the latch (lip width).

#### Features

Solid high security electric strikes with fail locked operation in conjunction with cylinder latch locks (without back-lock feature) is approved according to European standards for use in fire protective doors grade EI/E60

If any uncertainty regarding lock / strike combination in a fire protective door occurs, please get in contact with ASSA or your local ASSA dealer.

#### Technical specifications

##### Solid 816

- Wood frames
- Dead latched cylinder latch locks
- Lip width 15 mm

##### Solid 823

- Steel or wood frames
- Dead latched cylinder latch locks
- Lip width 4 mm

##### Solid 824

- Steel or wood frames
- Dead latched cylinder latch locks
- Lip width 15 mm

##### Solid 830, 830T\*

- Steel or wood frames
- Dead latched cylinder latch locks
- Lip width 15 mm

##### Solid 827KB

- Very strong interconnecting application
- Steel or wood frames
- Dead latched cylinder latch lock ASSA 5584, 5585 or 6585 only
- Lip width 15 mm
- Includes interconnecting faceplate for lock case

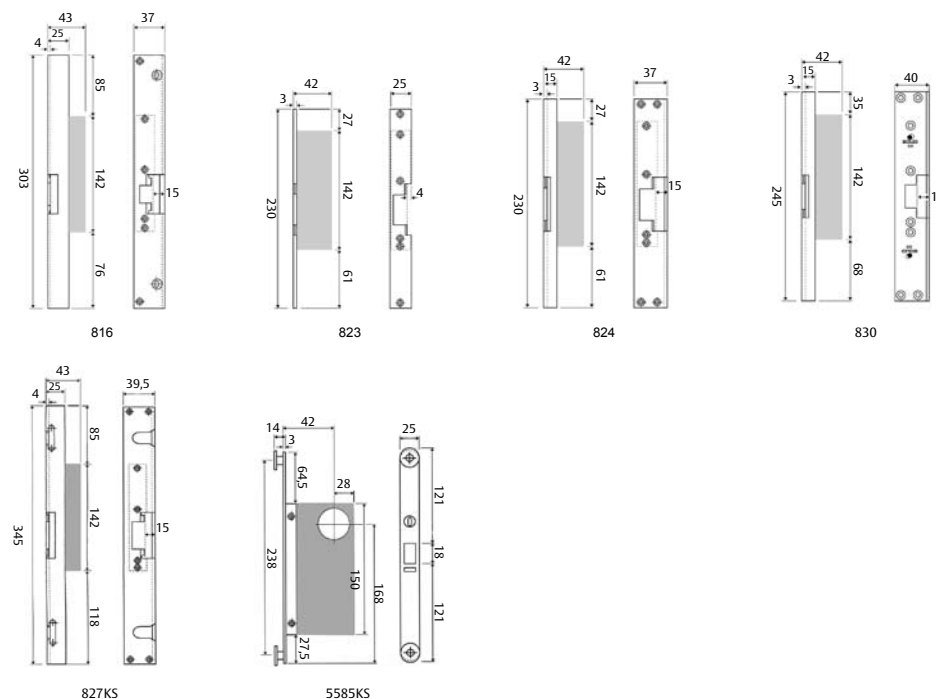
\* T indicates faceplates with rounded corners

##### Solid 840, 841, 842, 843, 845, 846, 847

- Solid supplies a wide range of tailor-made faceplates for SAPA, Schüco and Wicona Aluminium profile systems, see separate pages



Solid 827KB is a very strong interconnecting application that will improve break-in resistance substantially.





### Surface-mount Housing A01, A03, A04

#### Application

A01 is surface mount housing for Solid high security electric strikes  
A01 installation; in the overhead frame and the top part of the door on the frame side.

A03 L-bracket, to adapt A01 when overhead frame is flush with door.

A04 mounting accessory for all-glass doors.

#### Function

Suited for Solid high security electric strike, fail unlocked (escape safe) or locked operation

- Fail locked operation (131, 5131, 8131)
  - Locked in case of power failure
- Fail unlocked (escape safe) operation (331, 5331, 8331)
  - Unlocked escape safe in case of power failure

#### Features

- Bracket and lock hatch in steel, cover in stainless steel
- Very sturdy, well known to resist over 1 000 000 operations

With fail locked operation electric strike (131, 5131, 8131)

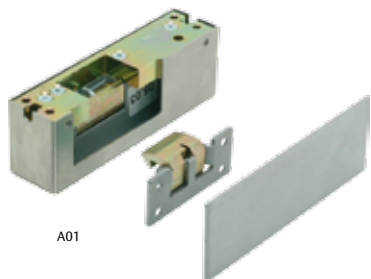
- Will operate despite side pressure of 250N (25 Kg)
- Very high strength, resists 15 kN (1500 Kg)
- Very high impact and shock proof
- Optional monitoring microswitches
  - Latch bolt engagement monitoring (5131)
  - Pivoting staple deadlocking and latch bolt engagement monitoring (8131)

With fail unlocked operation electric strike (331, 5331, 8331)

- Guaranteed operation despite side pressure of 5 kN (500 Kg)
- High strength, resists 7,5 kN (750 Kg)
- Impact and shock proof
- Required opening force when unlocked 40 N (4Kg)
- Optional monitoring microswitches
  - Latch bolt engagement monitoring (5331)
  - Pivoting staple deadlocking and latch bolt engagement monitoring (8331)

#### Technical specifications

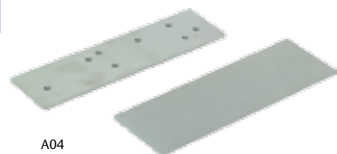
- Measurements A01  
168×57×40 mm
- Measurements A03  
168×47×47 mm



A01



A03



A04



## Electric Strikes, Standard Security

## Solid 75, 575, 70, 570, 71, 571

## Application

Solid Standard security electric strikes provides high strength and durability, ideal for high traffic applications. Suitable for perimeter doors, entrance doors, gates and other high traffic applications within industry, office and trading premises.

## Function

Solid Standard security electric strikes provides three main options

- Universal operation (75, 575)
  - Fail locked / unlocked operation easy selectable on site
  - 12-24 VAC/VDC
- Fail locked operation (70, 570)
  - Locked in case of power failure
- Fail unlocked operation (71, 571)
  - Unlocked in case of power failure

## Features

- Durable, well known to resist over 500 000 operations
- Suited to fire protective doors in conjunction with double latch lock and designated faceplate
- Pivoting staple in bronze and housing in zinc alloy
- Operates in conjunction with dead latched single or double latch locks

## Universal operation (75, 575)

- Provides fail locked / unlocked operation, selectable on site
- Multi voltage 12 – 24 VAC/VDC
- High strength, resists 7 kN (700 Kg)
- Impact and shock proof
- Optional monitoring micro switch
  - Latch bolt engagement monitoring (575)

## Fail locked operation (70, 570)

- High strength, resists 7 kN (700 Kg)
- Impact and shock proof
- Optional monitoring micro switch
  - Latch bolt engagement monitoring (570)

## Fail unlocked operation (71, 571)

- High strength, resists 7 kN (700 Kg)
- Impact and shock proof
- Optional monitoring micro switch
  - Latch bolt engagement monitoring (571)

## Technical specifications, Universal (75, 575)

Solid Universal operation provides built-in transient (peak) protection

- Current / voltage, 340 mA - 185 mA @ 12 - 24 VAC/VDC  $\pm 10\%$

## Technical specifications, (70, 570, 71, 571)

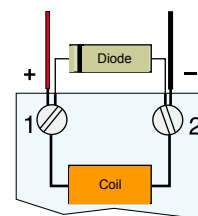
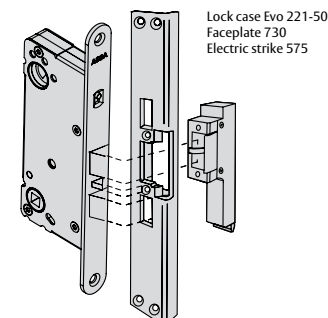
Solid electric strikes rated DC only. A protective diode (e.g. 1N4003) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks)

- Current / Voltage (70, 71, 570, 571)
  - 230 mA @ 12 VDC  $\pm 10\%$
  - 140 mA @ 24 VDC  $\pm 10\%$
- Micro switches changeover NO/NC
  - Rated 1 A @ 30 VDC

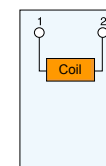


## Typical installation

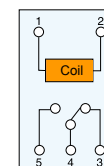
To maintain characteristics of a Solid Electric strike, the strike should be fitted with a 3 mm  $\pm$  1 mm gap between faceplate of strike and forend of lock case.



A protective diode should be connected; stripe on diode should be wired to + (NOT valid for Universal)



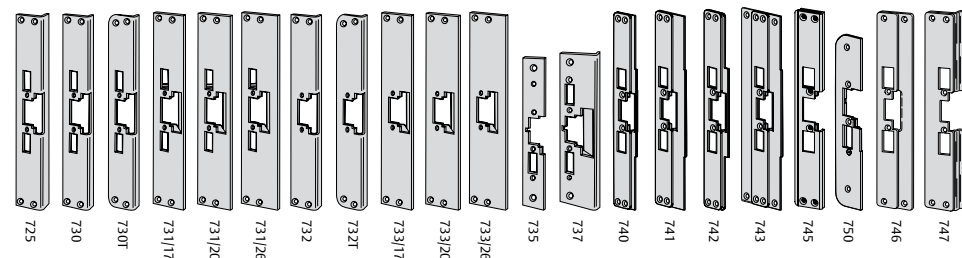
Electric strike (75, 70, 71)



Electric strike with latch bolt monitoring switch (575, 570, 571)

## Accessories

A variety of faceplates suited for Solid Standard security electric strikes is provided. Selection of faceplate origin in door and frame material and measurement as well as type of application.





## Faceplates for Solid Electric Strike, Standard

**Solid 725, 730, 730T, 731/17, 731/20, 731/26, 732, 732T, 733/17, 733/20, 733/26, 735, 737, 750****Application**

Solid faceplates for Standard security electric strikes adapts fitting and characteristics to the present application.

**Function**

Selection of electric strike and faceplate determines by several factors. Consider security and fire protection as well as presence or option of an automatic door opener. Door and frame design is crucial i.e. modular- or narrow style profile

Material is also an issue e.g. wood, aluminium or steel. To select the right product you also have to know which type of mechanical lock that is provided to operate in conjunction with the electric strike and the measurement from door surface (on hinge side) to the flat side of the latch (lip width).

**Features**

Use in fire protective doors

Solid Standard security electric strikes in conjunction with double latch locks is approved according to European standards for use in fire protective doors grade EI/E60.

If any uncertainty regarding lock / strike combination in a fire protective door occurs, please get in contact with ASSA or your local ASSA dealer.

**Technical specifications****Solid 725**

- Wood, steel or aluminium frame
- Dead latched double latch locks
- Lip width 15 mm

**Solid 730, 730T\***

- Wood, steel or aluminium frame
- Dead latched double latch locks
- Plösmått 15 mm

**Solid 731/17, 731/20, 731/26**

- Wood, steel or aluminium frame
- Dead latched double latch locks
- Lip width 17/20/26 mm

**Solid 732, 732T\***

- Wood, steel or aluminium frame
- Dead latched cylinder latch locks
- Lip width 15 mm

**Solid 740, 741, 742, 743, 745, 746, 747**

- Solid supplies a wide range of tailor-made faceplates for SAPA, Schüco and Wicona Aluminium profile systems, see separate pages

**Solid 733/17, 733/20, 733/26**

- Wood, steel or aluminium frame
- Dead latched cylinder latch locks
- Lip width 17/20/26 mm

**Solid 735**

- Aluminium frame
- Dead latched double latch locks
- Lip width 5 mm

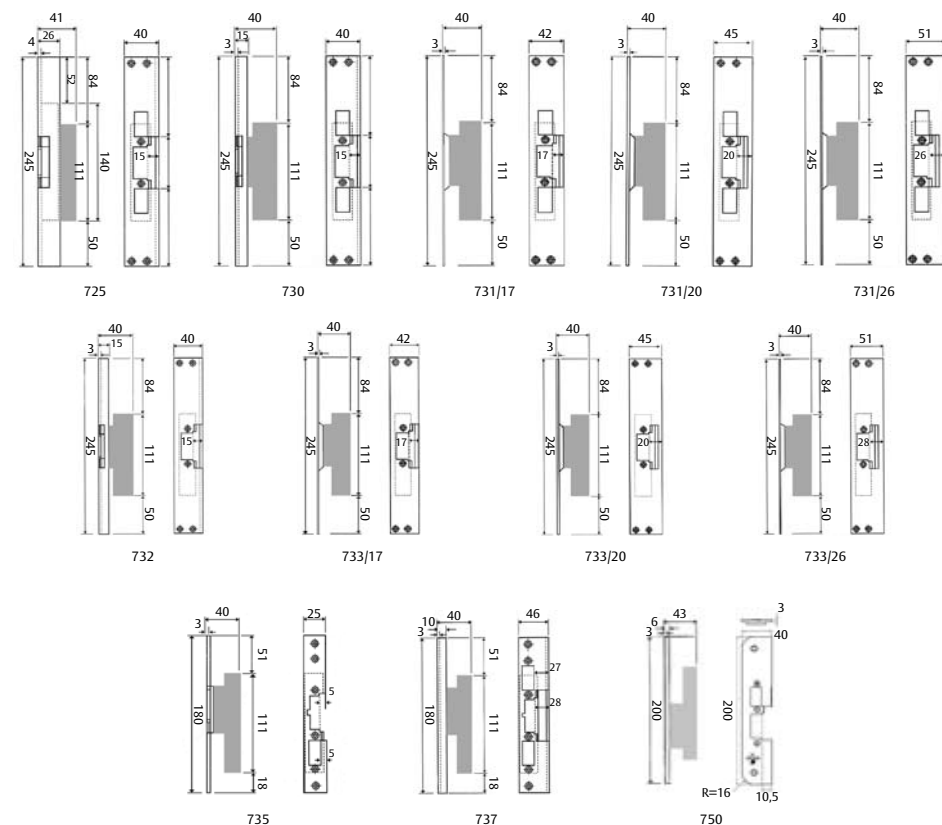
**Solid 737**

- Aluminium frame
- Dead latched double latch locks
- Plösmått 27 mm

**Solid 750**

- Steel frame
- Dead latched double latch locks
- Lip width 10,5 mm

\* T indicates faceplates with rounded corners





## Electric Strike, Medium Security

### Solid 14, 514, 114, 5114

#### Application

Solid Medium security electric strikes provides medium strength and durability; suitable for medium security applications such as internal doors within industry, office and trading premises

#### Function

Solid Medium security electric strikes provides two main options

- Fail locked operation (14, 514)
  - Locked in case of power failure
- Fail unlocked operation (114, 5114)
  - Unlocked in case of power failure

#### Features

- Pivoting staple in steel and housing in zinc alloy
- Do NEVER use Solid Medium security electric strikes in fire protective doors
- Operates in conjunction with dead latched single or double latch locks

#### Fail locked operation (14, 514)

- Medium strength, resists 4 kN (400 Kg)
- Optional monitoring micro switch
  - Latch bolt engagement monitoring (514)

#### Fail unlocked operation (114, 5114)

- Medium strength, resists 4 kN (400 Kg)
- Optional monitoring micro switch
  - Latch bolt engagement monitoring (5114)

#### Technical specifications

Solid electric strikes rated DC only.

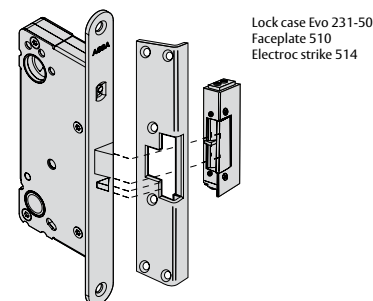
A protective diode (e.g. 1N4004) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks).

- Current / Voltage (14, 114, 514, 5114)
  - 190 mA @ 12 VDC  $\pm$  10 %
  - 110 mA @ 24 VDC  $\pm$  10 %
- Micro switches changeover NO/NC
  - Rated 1 A @ 30 VDC

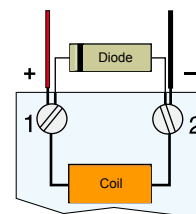


#### Typical installation

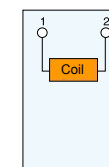
To maintain characteristics of a Solid Electric strike, the strike should be fitted with a 3 mm  $\pm$  1 mm gap between faceplate of strike and forend of lock case.



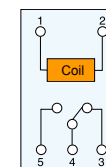
Lock case Evo 231-50  
Faceplate 510  
Electric strike 514



A protective diode should be connected; stripe on diode should be wired to +



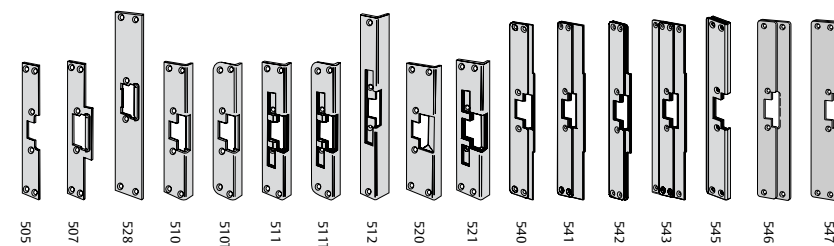
Electric strike (14, 114)



Electric strike with latch bolt monitoring switch (514, 5114)

#### Accessories

A variety of faceplates suited for Solid Standard security electric strikes is provided. Selection of faceplate origin in door and frame material and measurement as well as type of application.







## Faceplates for Solid Electric Strikes, Medium Security

## Solid 505, 507, 510, 510T, 511, 511T, 512, 520, 521, 528

## Application

Solid faceplates for Medium security electric strikes adapts fitting and characteristics to the present application.

## Function

Selection of electric strike and faceplate determines by several factors  
Consider security and fire protection as well as presence or option of an automatic door opener.

Door and frame design is crucial i.e. modular- or narrow style profile.

Material is also an issue e.g. wood, aluminium or steel.

To select the right product you also have to know which type of mechanical lock that is provided to operate in conjunction with the electric strike and the measurement from door surface (on hinge side) to the flat side of the latch (lip width).

## Features

Use in fire protective doors.

Do NEVER use Solid Medium security electric strikes in fire protective doors.

If any uncertainty regarding lock / strike combination in a fire protective door occurs, please get in contact with ASSA or your local ASSA dealer.

## Technical specifications

## Solid 505

- Steel or aluminium frame
- Dead latched double latch locks
- Lip width 5 mm

## Solid 507

- Wood, steel or aluminium frame
- Single latch locks
- Lip width 17 mm

## Solid 510, 510T\*

- Wood, steel or aluminium frame
- Dead latched single latch locks
- Lip width 15 mm

## Solid 511, 511T\*

- Wood, steel or aluminium frame
- Dead latched double latch locks
- Lip width 15 mm

## Solid 512

- Wood frame with thin rebated door
- Dead latched double latch locks
- Lip width 5 mm

## Solid 520

- Aluminium frame
- Dead latched single latch locks
- Lip width 26 mm

## Solid 521

- Aluminium frame
- Dead latched double latch locks
- Lip width 26 mm

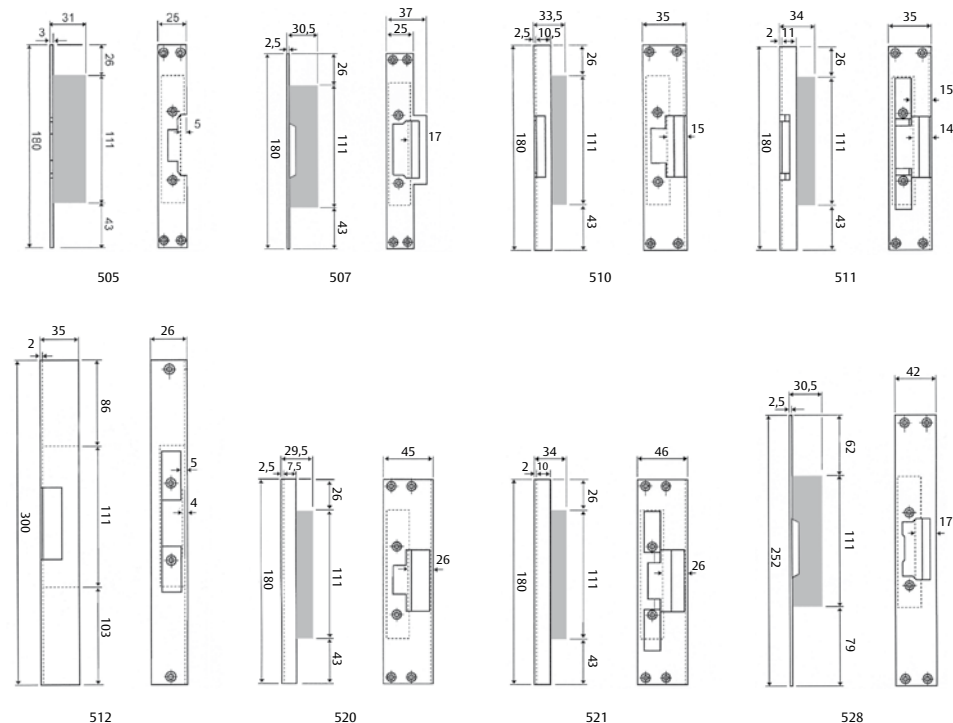
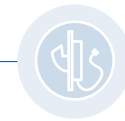
## Solid 528

- Wood frame
- Single latch locks
- Lip width 5 mm

\* T indicates faceplates with rounded corners

## Solid 540, 541, 542, 543, 545, 546, 547

- Solid supplies a wide range tailor-made faceplates for SAPA, Schüco and Wicona Aluminium profile systems, see separate pages.



**Faceplates for Solid Electric Strikes for  
SapaFront Profile Systems****Solid 540, 541, 542, 543****Solid 740, 741, 742, 743****Solid 840, 841, 842, 843****Application**

Solid electric strike faceplates tailor-made for SapaFront aluminium profile system adapts fitting and characteristics to an ASSA - SapaFront standard preparation.

**Function**

Selection of electric strike and faceplate determines by several factors  
Consider security and fire protection as well as presence or option of an automatic door opener

ASSA offers Solid electric strikes in three security levels:

**Solid high security electric strikes**

- Very high strength 7,5 kN - 15 kN (750-1500 Kg)
- Guaranteed to open despite applied side load
- Fire approval certified for fail locked operated versions
- Operates in conjunction with dead latched single latch locks

**Solid standard security electric strikes**

- High strength 7 kN (700 Kg)
- Suited in fire protective doors in conjunction with double latch locks
- Operates in conjunction with dead latched single and double latch locks

**Solid medium security electric strikes**

- Medium strength 4 kN (400 Kg)
- Do NEVER use Solid Medium security electric strikes in fire protective doors
- Operates in conjunction with single latch locks

**Features**

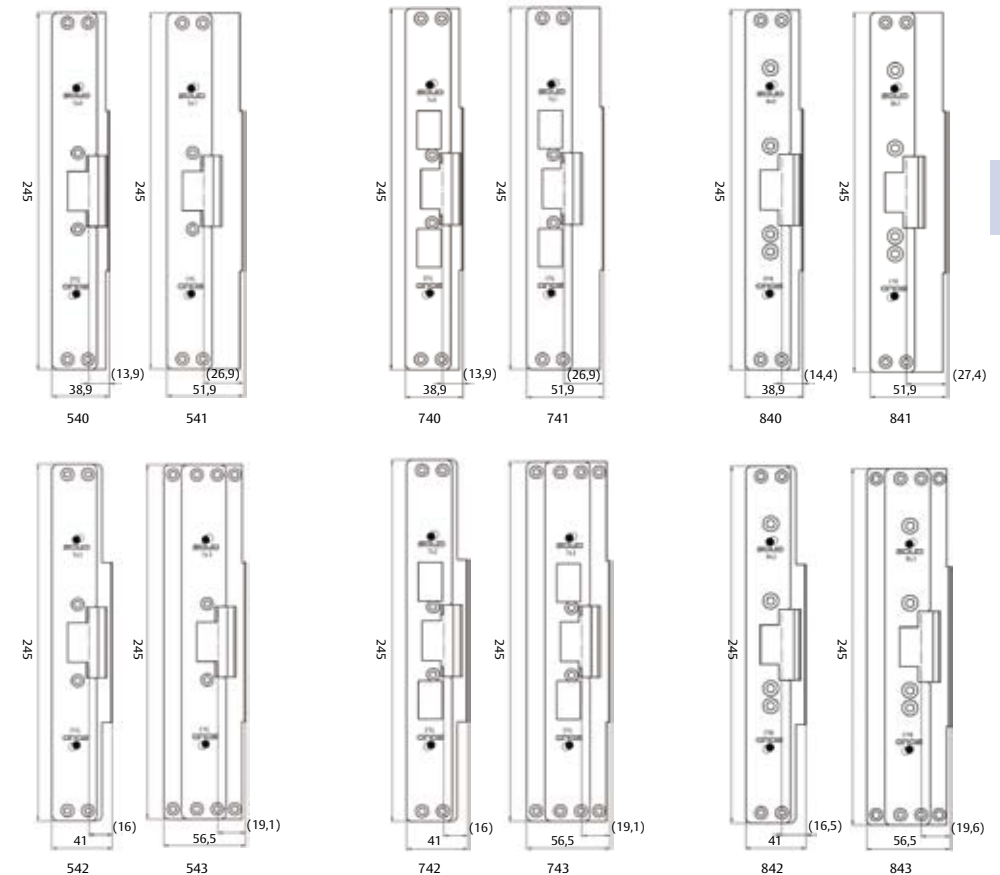
- Solid SapaFront faceplates is offered to door and frame profiles according to schedule below
- In SapaFront frames with ASSA - SapaFront standard preparation can any electric strike security level be installed without altering preparation
- If an ASSA classic narrow profile lock (e.g. 1385) is situated in a SapaFront installation; the lock must be provided with 22 mm wide forend

**Use in fire protective doors**

Solid high security electric strikes with fail locked operation in conjunction with cylinder latch locks (without back-lock feature) or Solid Standard security electric strikes in conjunction with double latch locks is approved according to European standards for use in fire protective doors grade EI/E60.

If any uncertainty regarding lock / strike combination in a fire protective door occurs, please get in contact with ASSA or your local ASSA dealer.

SapaFront building system	Solid electric strike security level		
	High security	Standard security	Medium security
2050	840	740	540
2060	842	742	542
2071 inswing	840	740	540
2071 outswing	841	741	541
2074	843	743	543



**Faceplates for Solid Electric Strikes,  
for Schüco Profile Systems****Faceplate Solid 545, 745, 845  
Strike plate Solid 545****Application**

Solid electric strike faceplates and strike plate tailor-made for Schüco aluminium profile systems Royal S65 and Royal S50N adapts fitting and characteristics to an ASSA – Schüco standard preparation.

**Function**

Selection of electric strike and faceplate determines by several factors

Consider security and fire protection as well as presence or option of an automatic door opener.

ASSA offers Solid electric strikes in three security levels:

Solid high security electric strikes

- Very high strength 7,5 kN - 15 kN (750-1500 Kg)
- Guaranteed to open despite applied side load
- Fire approval certified for fail locked operated versions
- Operates in conjunction with dead latched single latch locks

Solid standard security electric strikes

- High strength 7 kN (700 Kg)
- Suited in fire protective doors in conjunction with double latch locks
- Operates in conjunction with dead latched single and double latch locks

Solid medium security electric strikes

- Medium strength 4 kN (400 Kg)
- Do NEVER use Solid Medium security electric strikes in fire protective doors
- Operates in conjunction with single latch locks

**Features**

- Solid Schüco faceplates and strike plate is offered to door and frame profiles Royal S65 and Royal S50N
- In Schüco frames with ASSA – Schüco standard preparation can any electric strike security level be installed without altering preparation
- Solid strike plate 545 is suited to fit the same standard preparation

Use in fire protective doors

Solid high security electric strikes with fail locked operation in conjunction with cylinder latch locks (without back-lock feature) or Solid Standard security electric strikes in conjunction with double latch locks is approved according to European standards for use in fire protective doors grade EI/E60.

If any uncertainty regarding lock / strike combination in a fire protective door occurs, please get in contact with ASSA or your local ASSA dealer.



Faceplate 545



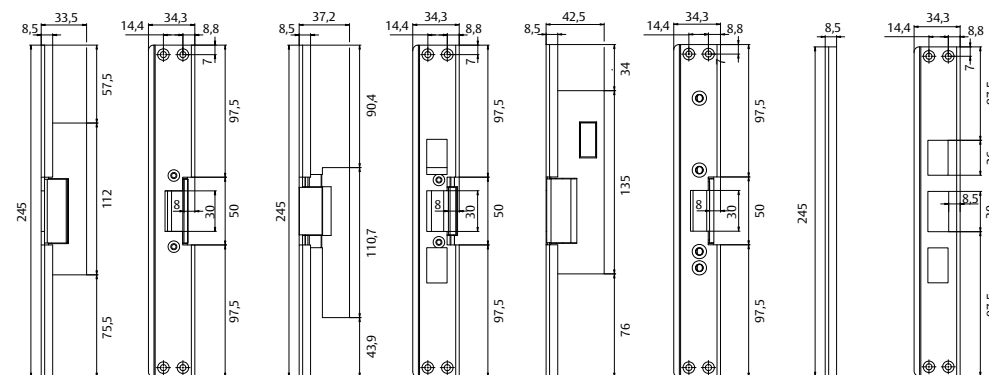
Faceplate 745



Faceplate 845



Strike plate 545



Faceplate 545

Faceplate 745

Faceplate 845

Strike plate 545

**Faceplates for Solid Electric Strikes,  
for Wicstyle 65/65N Profile Systems****Faceplate Solid 546, 746, 846, 547, 747, 847  
Strike Plate Solid 546, 547****Application**

Solid electric strike faceplates and strike plate tailor-made for Wicona aluminium profile systems Wicstyle 65/65N adapts fitting and characteristics to an ASSA – Wicona standard preparation.

**Function**

Selection of electric strike and faceplate determines by several factors. Consider security and fire protection as well as presence or option of an automatic door opener.

ASSA offers Solid electric strikes in three security levels:

**Solid high security electric strikes**

- Very high strength 7,5 kN - 15 kN (750-1500 Kg)
- Guaranteed to open despite applied side load
- Fire approval certified for fail locked operated versions
- Operates in conjunction with dead latched single latch locks

**Solid standard security electric strikes**

- High strength 7 kN (700 Kg)
- Suited in fire protective doors in conjunction with double latch locks
- Operates in conjunction with dead latched single and double latch locks

**Solid medium security electric strikes**

- Medium strength 4 kN (400 Kg)
- Do NEVER use Solid Medium security electric strikes in fire protective doors
- Operates in conjunction with single latch locks

**Features**

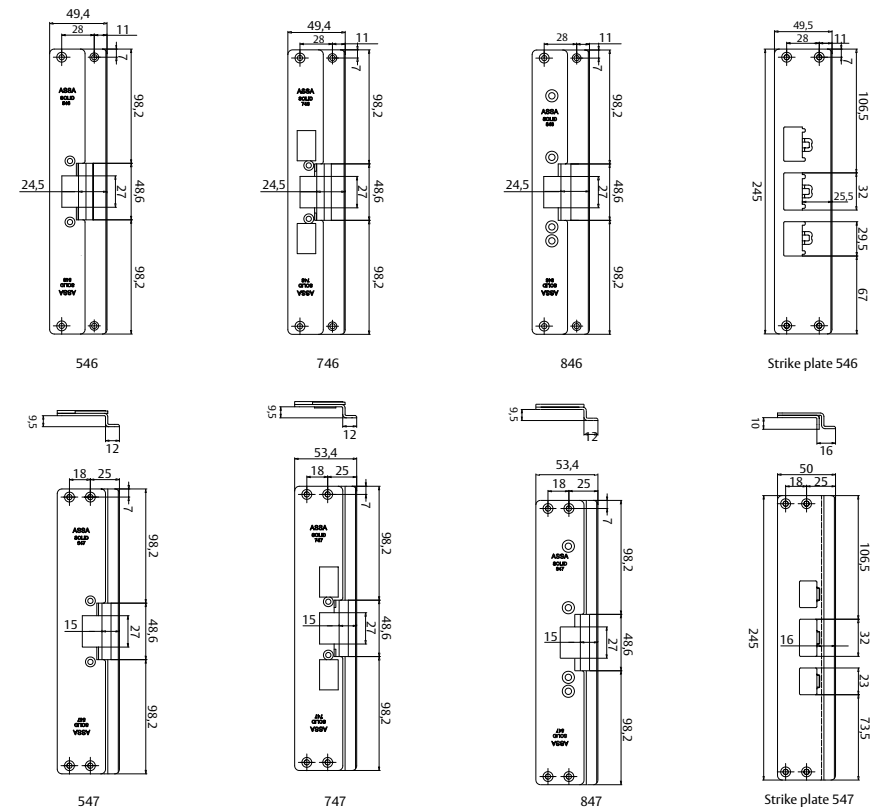
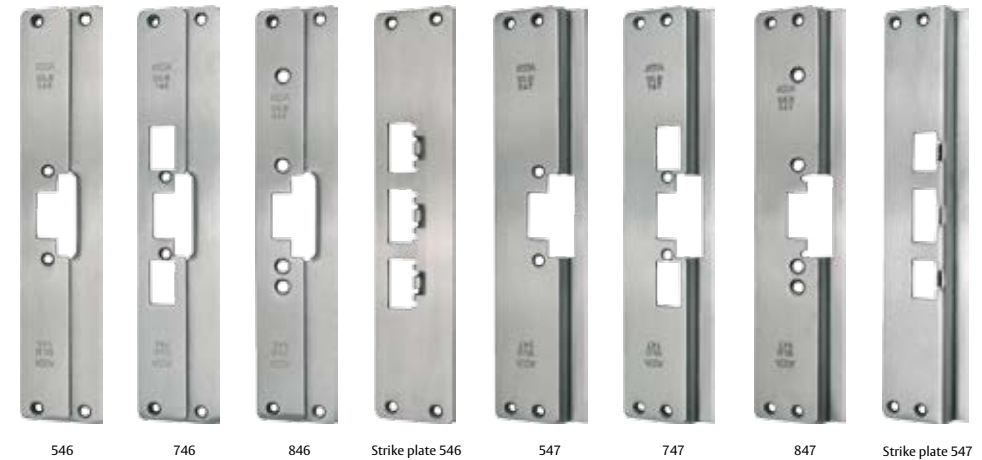
- Solid Wicona faceplates and strike plates is offered to door and frame profiles Wicstyle 65/65N according to schedule below
- In Wicona frames with ASSA – Wicona standard preparation can any electric strike level be installed without altering preparation
- Solid strike plates 546 and 547 is suited to fit the same standard preparation

**Use in fire protective doors**

Solid high security electric strikes with fail locked operation in conjunction with cylinder latch locks (without back-lock feature) or Solid Standard security electric strikes in conjunction with double latch locks is approved according to European standards for use in fire protective doors grade EI/E60.

If any uncertainty regarding lock / strike combination in a fire protective door occurs, please get in contact with ASSA or your local ASSA dealer.

	Outswing doors			Inswing doors		
Faceplate	546	746	846	547	747	847
Strike plate	546			547		





## Electric Strikes for ASSA Evolution with Hook Bolt

### STEP 18

#### Application

STEP 18 High security electric strike operates in conjunction with ASSA Evolution hook bolt or hook bolt latch (sash) locks.

STEP 18 operates with ASSA Evolution with fully thrown hook bolt which combines high security electric strike with superior strength ASSA Evolution hook bolt.

STEP 18 also operates ASSA Evolution 710; an EN179 approved emergency exit lock, this application combines the above with safe emergency exit.

#### Function

- Pivoting staple in STEP 18 pushes / pivots open by locked hook bolt at door opening.
- At door closure the locked hook bolt will push / pivot staple back in locked position.
- Must be ordered left or right hinged.

#### Features

- Pivoting staple in hardened steel and housing in stainless steel
- Rated E/EI60 for use in fire protective doors in conjunction with hook bolt latch (sash) locks
- Operates in conjunction with ASSA Evolution hook bolt or hook bolt latch (sash) locks

#### Fail locked operation (ST180)

- Very high strength, resists 15 kN (1500 Kg)
- Built-in monitoring micro switches
- Hook bolt engagement monitoring
- Pivoting staple deadlocking

#### Fail unlocked operation (ST181)

- Very high strength, resists 15 kN (1500 Kg)
- Built-in monitoring micro switches
- Hook bolt engagement monitoring
- Pivoting staple deadlocking

Ordering options	
Type	Voltage +/- 10 %
ST 180-A Fail locked, left hinged	24 VDC
ST 180-B Fail locked, right hinged	24 VDC
ST 181-A Fail unlocked, left hinged	24 VDC
ST 181-B Fail unlocked, right hinged	24 VDC
ST 180-A12 Fail locked, left hinged	12 VDC
ST 180-B12 Fail locked, right hinged	12 VDC
ST 181-A12 Fail unlocked, left hinged	12 VDC
ST 181-B12 Fail unlocked, right hinged	12 VDC

#### Technical specifications

STEP electric strikes provides built-in transient (peak) protection

- Current / Voltage (ST 180, ST 181)  
540 mA @ 12 VDC ± 10 %  
270 mA @ 24 VDC ± 10 %
- Micro switches changeover NO/NC  
Rated 1 A @ 30 VDC

Suitable lock case types

ASSA Evolution hook bolt or hook bolt latch (sash) locks

#### Accessories

Connecting cable, 5 m (included)

Accessories			
Faceplate		Type	Measurement
Flat	left	ST 183-A	300 × 40, lip width 14,0 mm
Flat	right	ST 183-B	300 × 40, lip width 14,0 mm
Wrap around	left	ST 184-A	300 × 40 × 27, lip width 15,5 mm
Wrap around	right	ST 184-B	300 × 40 × 27, lip width 15,5 mm
SapaFront 2074	left	ST 187-A	
SapaFront 2074	right	ST 187-B	



## Electric Strikes for ASSA Evolution with Hook Bolt and Lever Handle Function

### STEP 28

#### Application

STEP 28 High security electric strike operates in conjunction with ASSA Evolution hook bolt latch (sash) locks.

STEP 28 operates with ASSA Evolution with fully thrown hook bolt which combines high security electric strike with superior strength ASSA Evolution hook bolt.

STEP 28 also operates ASSA Evolution 710; an EN179 approved emergency exit lock, this application combines the above with safe emergency exit.

STEP 28 compared with STEP 18 offers two pivoting staples which provides operation with automatic door opener with retained fire approval E/EI60.

#### Function

- STEP 28 offers two pivoting staples; one that pushes / pivots open by locked hook bolt at door opening.
- At door closure the locked hook bolt will push / pivot staple back in locked position.
- Fully thrown hook bolt engaged in staple will provide second staple to free-pivot; this operation offers automatic door opener to operate.
- Withdrawn hook bolt by e.g. emergency exit device will lock second staple and remain within full fire approval.
- Must be ordered left or right hinged.

#### Features

- Pivoting staple in hardened steel and housing in stainless steel
- Rated E/EI60 for use in fire protective doors in conjunction with hook bolt latch (sash) locks
- Operates in conjunction with ASSA Evolution hook bolt latch (sash) locks

#### Fail locked operation (ST280)

- Very high strength, resists 15 kN (1500 Kg)
- Built-in monitoring micro switches
- Hook bolt engagement monitoring
- Pivoting staple deadlocking

Ordering options	
Type	Voltage +/- 10 %
ST 280-A Fail locked, left hinged	24 VDC
ST 280-B Fail locked, right hinged	24 VDC
ST 280-A12 Fail locked, left hinged	12 VDC
ST 280-B12 Fail locked, right hinged	12VDC



#### Technical specifications

STEP electric strikes provides built-in transient (peak) protection

- Current / Voltage (ST 280)  
540 mA @ 12 VDC ± 10 %  
270 mA @ 24 VDC ± 10 %
- Micro switches changeover NO/NC  
Rated 1 A @ 30 VDC

#### Suitable lock case types

ASSA Evolution hook bolt latch (sash) locks

#### Accessories

Connecting cable, 5 m (included)

Accessories			
Faceplate		Type	Measurement
Flat	left	ST 283-A	300 × 40, lip width 14,0 mm
Flat	right	ST 283-B	300 × 40, lip width 14,0 mm
Wrap around	left	ST 284-A	300 × 40 × 27, lip width 15,5 mm
Wrap around	right	ST 284-B	300 × 40 × 27, lip width 15,5 mm
SapaFront 2074	left	ST 287-A	
SapaFront 2074	right	ST 287-B	



925

935

## Electric Strikes for Assa Classic Dead Bolt Locks

### STEP 25

#### Application

STEP 25 High security electric strike operates in conjunction with ASSA Classic bolt or bolt latch (sash) locks.

STEP 25 operates with ASSA Classic with fully thrown bolt that combines high security electric strike with strong ASSA Classic bolt locks i.e. 8765, and 9788.

#### Function

- Pivoting staple in STEP 25 pushes / pivots open by fully thrown bolt at door opening.
- At door closure the fully thrown bolt will push / pivot staple back in locked position

#### Features

- Pivoting staple in hardened steel and housing in stainless steel
- Rated E/EI60 for use in fire protective doors in conjunction with hook bolt latch (sash) locks
- Operates in conjunction with ASSA Classic bolt or bolt latch (sash) locks

#### Fail locked operation (ST670)

- Very high strength, resists 15 kN (1500 Kg)
- Built-in monitoring micro switches
- Hook bolt engagement monitoring
- Pivoting staple deadlocking

#### Fail unlocked operation (ST671)

- Very high strength, resists 15 kN (1500 Kg)
- Built-in monitoring micro switches
- Hook bolt engagement monitoring
- Pivoting staple deadlocking

Technical specification				
Type	Operation	Voltage +/- 10 %	Current	(mm)
ST670-B	STEP 25 / 12 V Fail locked	12 VDC	340 mA	
ST670-A	STEP 25 / 24 V Fail locked	24 VDC	170 mA	
ST671-B	STEP 25 / 12 V Fail unlocked	12 VDC	340 mA	
ST671-A	STEP 25 / 24 V Fail unlocked	24 VDC	170 mA	
ST625	Faceplate 925			245 × 39 × 26
ST635	Faceplate 935			245 × 36







## Pneumatic Electric Strikes

### ASSA 142.380

#### Application

ASSA 142.380 offers pneumatic (compressed air) strike suitable for potential highly explosive areas within industry premises e.g. laboratory or storage rooms where gas, chemicals, paint etc. is situated. Without electric components.

#### Function

- Solid 142.380 pneumatic strikes provides fail locked operation
- Locked in case of pneumatic pressure loss

#### Features

- Pivoting staple and housing in steel
- Suitable in fire protective doors
- Operates in conjunction with single or double latch locks and suited medium security range faceplate (5xx)
- Fail locked operation (142.380)
- Applied compressed air, 2-8 bar operates strike
- High strength, resists 10 kN (1000 Kg)
- Suited to fit medium security range faceplates (ASSA 5xx)
- A variety of faceplates suited for Solid Medium security electric strikes is provided
- Selection of faceplate origin in door and frame material and measurement as well as type of application

#### Technical specifications

Pressure	2-8 bar
Installation	Vertical only



## Electric Strikes for All-glass Door

### ASSA 914, 934, 5914, 5934

#### Application

Modern architecture demands more glass and less frame; even in the extreme case when an all-glass door is present ASSA can offer a suitable solution. ASSA All-glass electric strikes provides medium strength and durability; suitable for all-glass doors within office and trading premises.

#### Function

All-glass door leaf kept in between lamellas; pivots at operation. ASSA All-glass electric strikes provides two main options:

- Fail locked operation (914, 5914)
  - Locked in case of power failure
- Fail unlocked operation (934, 5934)
  - Unlocked in case of power failure

#### Features

- Pivoting lamellas in nickel coated brass and housing in zinc alloy
- Supplied faceplate in stainless steel
- Do NEVER use ASSA all-glass electric strikes in fire protective doors
- Operates in conjunction with hardened all-glass door leaf; glass thickness must be stated

#### Fail locked operation (914, 5914)

- Medium strength, resists 3,7 kN (370 Kg)
- Optional monitoring micro switch
- Door leaf engagement monitoring (5914)

#### Fail unlocked operation (934, 5934)

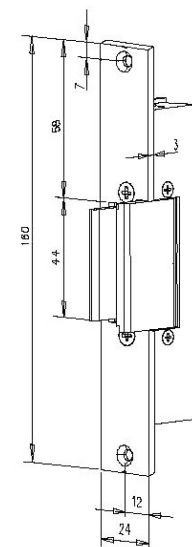
- Medium strength, resists 3,7 kN (370 Kg)
- Optional monitoring micro switch
- Door leaf engagement monitoring (5934)

#### Technical specifications

Solid electric strikes rated DC only.

A protective diode (e.g. 1N4004) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks).

- Current / Voltage (914, 934, 5914, 5934)
  - 110 mA @ 24 VDC  $\pm$  10 %
- Micro switches changeover NO/NC
  - Rated 1 A @ 30 VDC
- Glass thickness 12 mm; other thicknesses on request





## Solenoid Handle Locks

### Solenoid handle locks

Solenoid handle locks offers a combination of mechanical and electrical operation all in one unit.

Distinguishing characteristics is speed, durability and convenience.

### Secure, safe and convenient

Solenoid handle lock operates by supplying power to engage handle operation; optional is out- and inside handle with electric controlled operation or inside handle always operational (split-spindle operation) for higher convenience and safety. Optional to considerably raise security level, is a mechanically operated hook bolt. To enable distance surveillance are all operational states monitored.

### Fire protection

Solenoid handle locks are suitable in fire protective doors.

## Maintenance, Solenoid Handle Locks

### Maintenance, Solenoid handle locks

Please follow enclosed documents at installation, do not diverge from these instructions prior to consulting ASSA.

### Maintenance

- Every six month, apply a small amount of designated grease to latches and bolts. Highly frequented doors may need maintenance with shorter intervals.
- Do NOT use spray lubricants; solvent may seriously harm electronics
- Electric parts need NO maintenance
- ASSA solenoid handle locks provides built-in transient (peak) protection
- To maintain desired operation and security level of installed unit, it is of great importance to check and adjust the entire door environment:
  - Lock case and strike plate
  - Lock accessories (Lever handle, thumb turn etc.)
  - Hinges, framework and door threshold (sill)
  - Door closer

### NB!

Warranty fails if product is:

- Wrong assembled
- Opened by unauthorised personnel (broken seal)
- Fitted with accessories or parts not supplied by ASSA

If any uncertainty regarding installation, maintenance or warranty occurs, please contact ASSA AB or your local supplier.



## Multi Functional Solenoid Handle Locks in Evolution Design ASSA 880, 881, 884, 885, 886

### Application

ASSA Evolution solenoid handle locks are particularly suitable for use in high traffic applications where both reliability and security are major considerations. Suitable for security applications such as perimeter doors, entrance doors, gates and other applications within industry, office and trading premises as well as entrance doors and common areas within residential premises. ASSA Evolution solenoid handle locks are suitable for installation in fire protective doors.

### Function

ASSA Evolution offers two main types of multifunctional solenoid handle locks.

- Basic (880, 881)
  - Exterior and interior lever handle are electrically controlled
- Optional mechanical hook bolt (881)
- Split (884, 885, 886)
  - Exterior lever handle is electrically controlled
  - Interior lever handle retracts latch at all times
- Optional mechanical hook bolt (885, 886)
- Optional single hand action exit (886)

### Features

- Dead latched when door is closed
- Mechanical override by key or thumb turn
- Multifunctional
  - 12-24 Volt multivoltage (DC continuously rated)
  - Fail locked / unlocked easy selected on site
  - Electrically / mechanically controlled side easy selected on site (884, 885, 886)
- 4 monitoring microswitches
  - Anti thrust bolt (all)
  - Deadbolt thrown (881, 885, 886)
  - Deadbolt withdrawn (881, 885, 886)
  - Inside lever handle (884, 885, 886)
- Additional deadbolt:
  - Operated by key or thumb turn (881, 885)
  - Locked by key or thumb turn, unlocked by lever handle, key or thumb turn (886)
- 50 or 70 mm backset option
- Connectors assembled to all wires to adapt with accompanying connecting cable 81 71 21

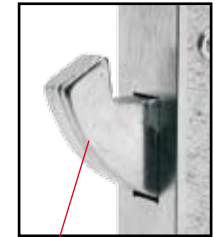
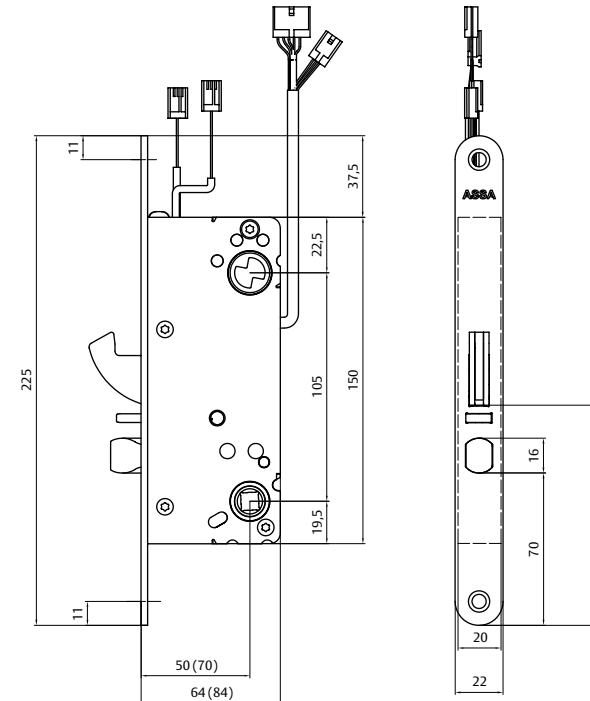
### Technical specifications

- Current / Voltage 130 mA @ 12VDC stab., 60 mA @ 24VDC stab.
- Microswitches Changeover NO/NC, rated 100 mA @ 50VDC

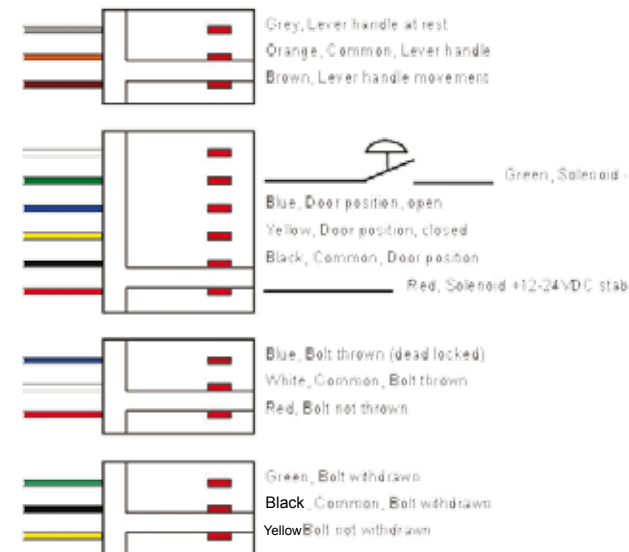
### Accessories

- ASSA Scandinavian cylinders oval or round type
- ASSA bolt through lever handles with built-in return spring
- All ASSA Evolution security or standard strike plates
- Connecting cable 81 71 21 (supplied)
- Door loop EA280 / EA281

Type	Dead latched	Mech. hook bolt	Split follower	Single hand action exit
ASSA Evolution 880	X			
ASSA Evolution 881	X	X		
ASSA Evolution 884	X		X	
ASSA Evolution 885	X	X	X	
ASSA Evolution 886	X	X	X	X



Hook bolt adds security significantly as door and frame interconnects.





## Motor Locks

Motor locks offer the best solution regarding high security applications in narrow profile- or modular doors.

### High security

Motorised dead bolt brings high break-in resistance,

Encrypted communication from lock to designated control unit enables high security level.

The control unit act as interface to superior systems, monitors lock operational state, malfunction and tampering attempts.

### Perimeter protection

Perimeter doors equipped with motor locks is an important piece in the puzzle creating high security level, when working hours are over, switching on burglary alarm can set all perimeter doors to lock instantly and secure the building over night, next day switching off burglary alarm, all doors will unlock automatically.

### Fire protection

Motor locks are suitable in fire protective doors.

## Maintenance for Motor Locks

Please follow enclosed documents at installation, do not diverge from these instructions prior to consulting ASSA.

### Maintenance

- Every six month, apply a small amount of designated grease to latches and bolts. Highly frequented doors may need maintenance with shorter intervals.
- Do NOT use spray lubricants; solvent may seriously harm electronics
- Electric parts need NO maintenance
- ASSA motor locks provides built-in transient (peak) protection
- To maintain desired operation and security level of installed unit, it is of great importance to check and adjust the entire door environment:
  - Lock case and strike plate
  - Lock accessories (Lever handle, thumb turn etc.)
  - Hinges, framework and door threshold (sill)
  - Door closer

### NB!

Warranty fails if product is:

- Wrong assembled
- Opened by unauthorised personnel (broken seal)
- Fitted with accessories or parts not supplied by ASSA

If any uncertainty regarding installation, maintenance or warranty occurs, please contact ASSA AB or your local supplier



810S



811S

## Fast Motor Lock with Hook Bolt

### ASSA 810S, 811S-50 (70)

#### Application

ASSA Evolution 810S / 811S-50(70) are motorized hook bolt locks. Motor locks are suitable in high security applications within industry, office and trading premises. A hook bolt lock is well suited in all types of doors including double- and sliding doors. ASSA Evolution 810S, motor lock with handle latch is rated E/EI60 for approved installation in fire protective doors. ASSA Evolution 811S, motor lock without handle latch suits applications where automatic door opener is present. Within high traffic applications, a complementary daytime lock; e.g. Solid universal electric strike or Evolution 884 solenoid lock is recommended.

#### Function

The built-in motor operates the hook bolt. Any type of superior system operates ASSA motor lock e.g. access control, code lock, timer switch etc. As interface between motor lock and the superior system, every ASSA motor lock requires one control unit; DAC-430.

#### Features

- Superior speed brings minimum operating time, less than 1/3 sec
- Cylinder or thumb turn provides mechanical override in case of power loss or other malfunction
- Built-in DMS (door monitoring switch), may be replaced or complemented by external DMS
- 50 or 70 mm backset option

DAC-430 is the control unit and interface towards superior system (e.g. access control or alarm system)

#### The control unit DAC-430:

- Provide encrypted communication to the motor lock.
- Require control signals from superior system to operate the motor lock
- Supply superior system with information about lock and door status
- Buzzer output, activated when faults occur
- Connected to power supply
- Installed on secure side and within 50 m from the door

#### Technical specifications

- Voltage 24VAC/DC +/- 15%
- Current Idle 150 mA  
Max 400 mA (0,1 sec)
- Relays Changeover NO/NC, rated 1 A
- Connecting cable ASSA EA225, 10 m max. distance between control unit and motor lock 50 m  
Maximum gap between lock and strike, 6 mm
- Door gap



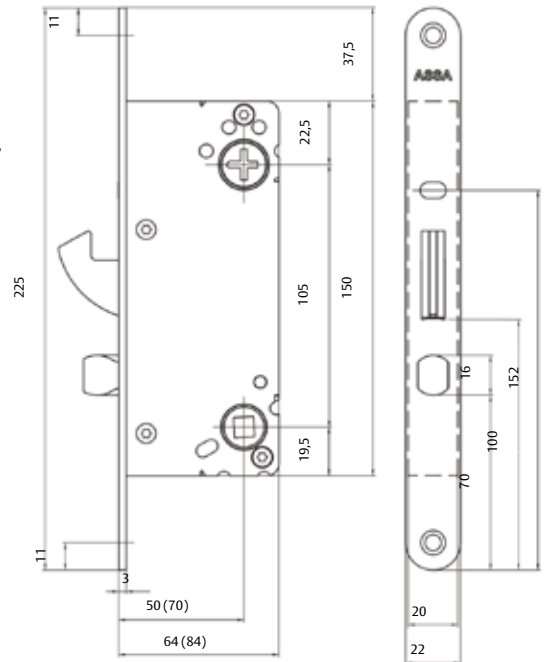
#### Environment

Motor lock  
Control unit  
20-90% relative

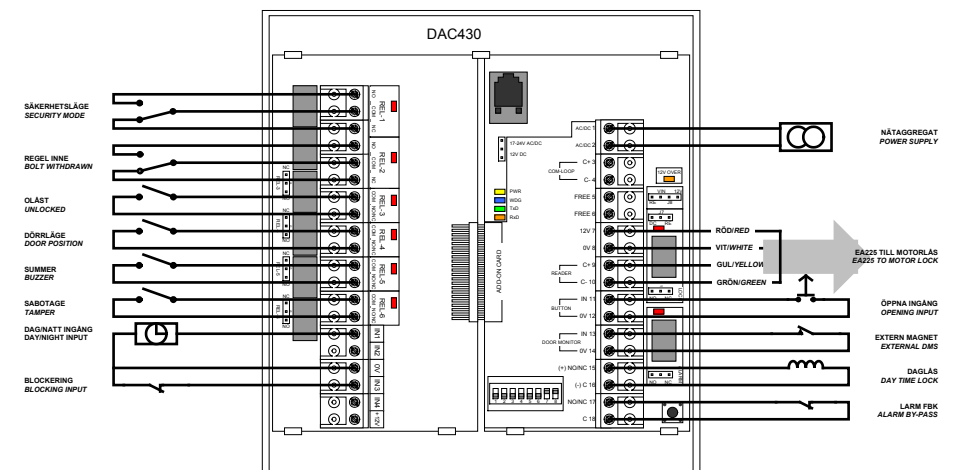
Temp -40°C - +70°C  
Temp +5°C - +40°C,  
humidity,  
non-condensing

#### Accessories

- ASSA Scandinavian cylinder, oval or round type
- ASSA self centering thumb turn cylinder
- ASSA bolt through lever handles
- ASSA Evolution security strike plates
- Connecting cable: EA225
- Door loop: EA281 / EA280



Hook bolt adds security significantly as door and frame interconnects. The most significant advantage with a hook bolt is that door and frame are interconnected.





## Fast Motor Lock with Hook Bolt

### ASSA 811S-35

#### Application

ASSA Evolution 811S-35 is a motorized hook bolt lock for narrow profile doors. Motor locks are suitable in high security applications within industry, office and trading premises.

A hook bolt lock is well suited in all types of doors including double- and sliding doors.

ASSA Evolution 811S, suits applications where automatic door opener is present. Within high traffic applications, a complementary daytime lock e.g. Solid universal electric strike is recommended.

#### Function

The built-in motor operates the hook bolt.

Any type of superior system operates ASSA motor lock e.g. access control, code lock, timer switch etc.

As interface between motor lock and the superior system, every ASSA motor lock requires one control unit; DAC-430.

#### Features

- Superior speed brings minimum operating time, less than 1/3 sec.
- Cylinder or thumb turn provides mechanical override in case of power loss or other malfunction.
- Built-in DMS (door monitoring switch), may be replaced or complemented by external DMS
- 35 mm backset

DAC-430 is the control unit and interface towards superior system (e.g. access control or alarm system)

The control unit DAC-430:

- Provide encrypted communication to the motor lock.
- Require control signals from superior system to operate the motor lock
- Supply superior system with information about lock and door status
- Buzzer output, activated when faults occur.
- Connected to power supply
- Installed on secure side and within 50 m from the door.

#### Technical specifications

- Voltage 24VAC/DC +/- 15%
- Current Idle 150 mA  
Max 400 mA (0,1 sec)
- Relays Changeover NO/NC, rated 1 A
- Connecting cable ASSA EA215 10 m max. distance between control unit and motor lock 50 m
- Door gap Maximum gap between lock and strike, 6 mm



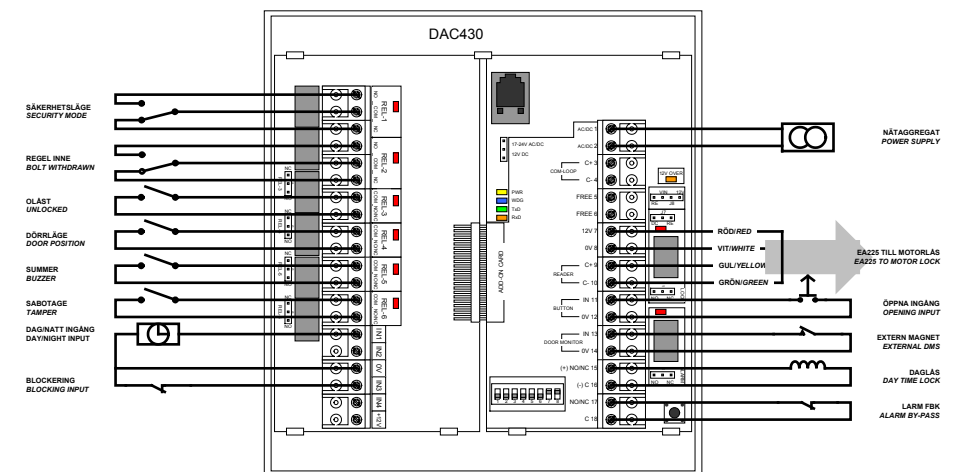
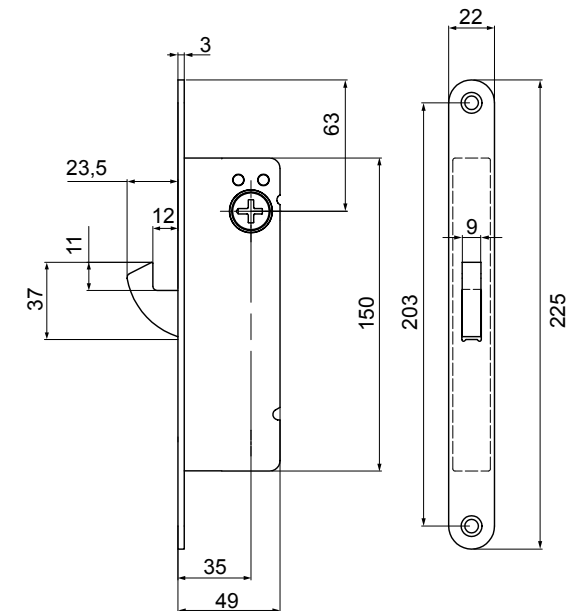
Hook bolt adds security significantly as door and frame interconnects. The most significant advantage with a hook bolt is that door and frame are interconnected.

#### Environment

Motor lock Temp -40°C - +70°C  
Control unit Temp +5°C - +40°C,  
20-90% relative humidity, non-condensing

#### Accessories

- ASSA Scandinavian oval type cylinder
- ASSA self centering thumb turn cylinder
- ASSA security cylinder accessories 4559E
- ASSA Evolution security strike plates
- Connecting cable: EA225
- Door loop: EA281 / EA280





## Motor Lock in Modular Classic

### ASSA 8000S, 8001S

#### Application

ASSA Classic 8000S / 8001S is a motorized lock.

Motor locks are suitable in high security applications within industry, office and trading premises.

A hook bolt lock is well suited in all types of doors including double- and sliding doors.

ASSA Evolution 8000S, motor lock with handle latch is rated E/EI60 for approved installation in fire protective doors.

ASSA Evolution 8001S, motor lock without handle latch suits applications where automatic door opener is present.

Within high traffic applications, a complementary daytime lock; electric strike, e.g. Solid universal or solenoid lock, e.g. Evolution 884 is recommended.

#### Function

The built-in motor operates the bolt.

Any type of superior system operates ASSA motor lock e.g. access control, code lock, timer switch etc.

As interface between motor lock and the superior system, every ASSA motor lock requires one control unit; DAC-430.

#### Features

- Operating time, approximately 1 second.
- Cylinder or thumb turn provides mechanical override in case of power loss or other malfunction.
- Built-in DMS (door monitoring switch), may be replaced or complemented by external DMS
- 50 or 70 mm backset option.

DAC-430 is the control unit and interface towards superior system (e.g. access control or alarm system)

The control unit DAC-430:

- Provide encrypted communication to the motor lock.
- Require control signals from superior system to operate the motor lock
- Supply superior system with information about lock and door status
- Buzzer output, activated when faults occur.
- Connected to power supply
- Installed on secure side and within 50 m from the door.

#### Technical specifications

- Voltage 24VAC/DC +/- 15%
- Current Idle 150 mA  
Max 700 mA (0,1 sec)
- Relays Changeover NO/NC, rated 1 A
- Connecting cable ASSA EA225 10 m, max. distance between control unit and motorlock 50 m
- Door gap Maximum gap between lock and strike, 6 mm



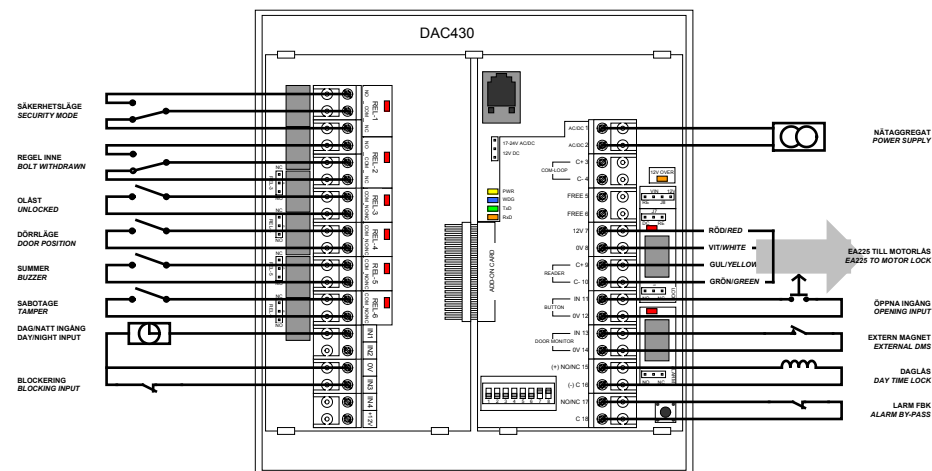
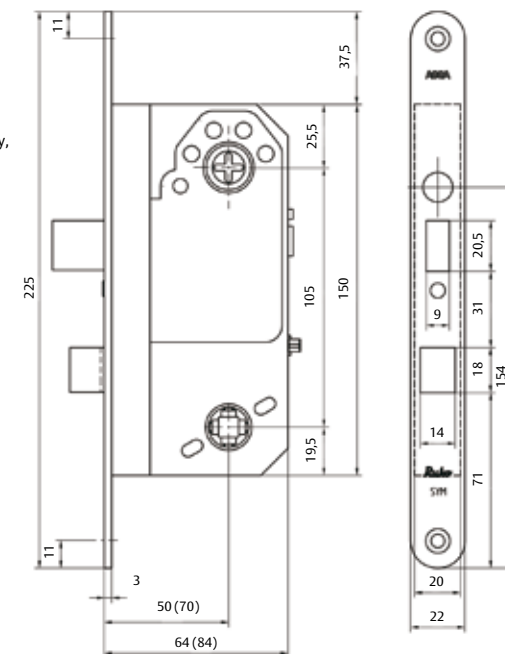
#### Environment

Motor lock Temp - 40 °C - + 70 °C

Control unit Temp + 5°C - + 40°C, 20-90% relative humidity, non-condensating

#### Accessories

- ASSA Scandinavian cylinders, oval or round type
- ASSA thumb turn with built-in return spring
- ASSA bolt through lever handles
- ASSA Classic security strike plates
- Connecting cable: EA225
- Door loop: EA281 / EA280







## Motor Lock in Narrow Profile Classic

### ASSA 80875

#### Application

ASSA Classic 80875 is a motorized hook bolt lock for narrow profile doors. Motor locks are suitable in high security applications within industry, office and trading premises.

A hook bolt lock is well suited in all types of doors including double- and sliding doors. ASSA Evolution 80875, suits applications where automatic door opener is present. Within high traffic applications, a complementary daytime lock e.g. Universal electric strike is recommended.

#### Function

The built-in motor operates the hook bolt.

Any type of superior system operates ASSA motor lock e.g. access control, code lock, timer switch etc.

As interface between motor lock and the superior system, every ASSA motor lock requires one control unit; DAC-430.

#### Features

- Operating time, approximately 1 second
- Cylinder or thumb turn provides mechanical override in case of power loss or other malfunction
- Built-in DMS (door monitoring switch), may be replaced or complemented by external DMS
- 28 mm backset

DAC-430 is the control unit and interface towards superior system (e.g. access control or alarm system)

The control unit DAC-430:

- Provide encrypted communication to the motor lock
- Require control signals from superior system to operate the motor lock
- Supply superior system with information about lock and door status
- Buzzer output, activated when faults occur
- Connected to power supply
- Installed on secure side and within 50 m from the door

#### Technical specifications

- Voltage 24 VAC / DC +/- 15 %
- Current Idle 150 mA, Max 1200 mA (0,1 sec)
- Relays Changeover NO/NC, rated 1 A
- Connecting cable ASSA EA225 10 m, max distance between control unit and motor lock 50 m
- Door gap Maximum gap between lock and strike, 6 mm



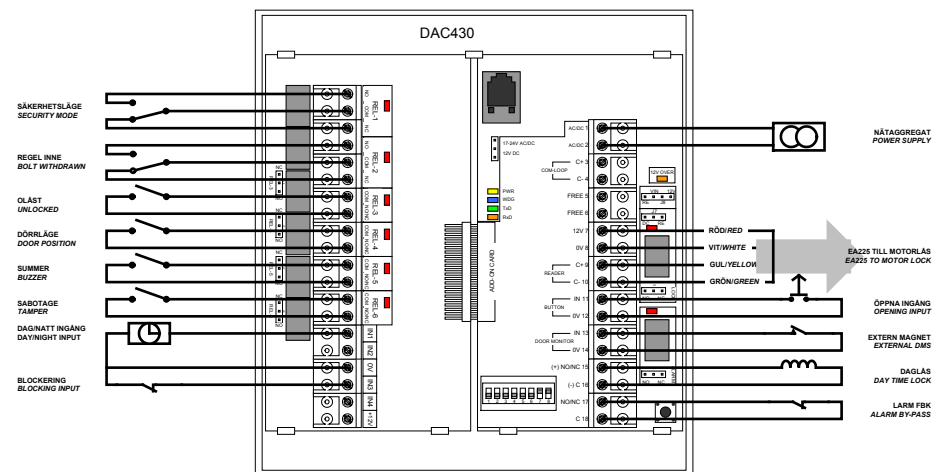
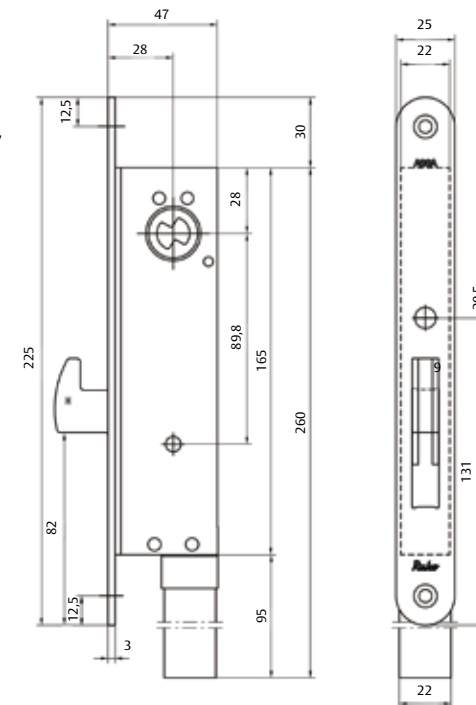
#### Environment

Motor lock Temp - 40°C - + 70°C

Control unit Temp + 5°C - + 40°C, 20-90% relative humidity, non-condensating

#### Accessories

- ASSA Scandinavian oval type cylinders
- ASSA security cylinder accessories 84559
- ASSA Classic security strike plate 1887-8
- Connecting cable: EA225
- Door loop: EA281 / EA280
- Replacement faceplate covers motor







### Electric Locks in Emergency Exits

#### Electric locks in emergency exit

In exits where authority's demands for safe emergency exit, stands against user desire for secure locking as well as easy and convenient access for authorised personnel, an emergency exit lock with built-in electrical operation may be the perfect solution. Emergency exit operation approved accordingly applicable European standards.

#### Authorised or emergency operation

Electrical operation for daily convenient access by authorised personnel.

In case of emergency, anyone can operate the exit; emergency operation triggers an alarm signal.

### Maintenance, Electric Locks in Emergency Exits

#### Maintenance, emergency exit device

##### Monthly

Inspect and operate the exit device to ensure that all components are in satisfactory working condition.

Ensure that all parts are well fastened and free from obstruction.

##### Every six month

Apply a small amount of designated grease to latches and bolts. Highly frequented doors may need maintenance with shorter intervals.

#### Maintenance, electric locks

Please follow enclosed documents at installation, do not diverge from these instructions prior to consulting ASSA.

##### Every six month

- Apply a small amount of designated grease to latches and bolts. Highly frequented doors may need maintenance with shorter intervals.
- Do NOT use spray lubricants; solvent may seriously harm electronics
- Electric parts need NO maintenance
- To maintain desired operation and security level of installed unit, it is of great importance to check and adjust the entire door environment
- Lock case and strike plate
- Lock accessories (Lever handle, thumb turn etc.)
- Hinges, framework and door threshold (sill)
- Door closer

#### NB!

Warranty fails if product is:

- Wrong assembled
- Opened by unauthorised personnel (broken seal)
- Fitted with accessories or parts not supplied by ASSA

If any uncertainty regarding installation, maintenance or warranty occurs, please contact ASSA AB or your local supplier.



### ASSA Emergency Exit Terminal

#### Emergency Exit Terminal 1340-20

#### Application

ASSA 1340-20; compact design emergency exit control terminal, combines monitoring and operation.

#### Function

ASSA 1340-20 offers maximum flexibility in operating and monitoring one emergency exit door.

When pushed, red panic button triggers an acoustic alarm to set off and door opens.

#### Features

- Control terminal with internal electronics operates one door with one or two electric locks with fail unlocked operation
- Siren included; triggered to set off in case of emergency use
- Illuminated emergency button
- Valid access offered via access control system or key
- Can be linked to fire- or emergency alarm
- Demands fail unlocked (escape safe) electric locks e.g. Solid 8331 high security electric strike or ASSA M82SCM maglock
- Monitored "door closed" and "locked" status mandatory
- Accordingly CEN European Guideline 2:2002

#### Technical specifications

Voltage	24 VDC ± 15 % stabilized
Ripple, max	1 V t-t
Current (total)	1 A
Terminal internally	170 mA
External users (lock)	830 mA
Colour	Green RAL 6032
Dimensions (b x h x d)	Approx. 92,5 x 250 x 98 mm
Emergency button	Illuminated
Acoustic signal	107 dB/1m
Euro profile cylinder	Cam locking position 90 ° left commodity cylinder supplied
Insulation protection	IP20
Operational temperature	0°C – 40°C
Installation	Vertical only

(For MKS purposes use e.g. ASSA 5823B01)





## Miscellaneous Electric Locks

Areas of use e.g. jeweller- or watch store showcases; post boxes and medicine cabinets.



## Magnalocks

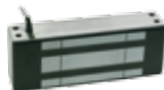
### ASSA M32SCM, M62SCM, DM62SCM, M82SCM



M82SCM



DM62SCM



M62SCM



M32SCM

#### Application

ASSA magnalocks are well suited in emergency exits within industry, hospital and trading premises as well as crowded public areas such as exhibition halls, sport arenas.

ASSA magnalocks also provide a solution in high traffic applications due to non-existent mechanical wear; as well as in aggressive environment applications, i.e. high pressure cleaning room, due to waterproof and corrosion resistance.

ASSA magnalocks may also provide solution in doors virtually impossible to secure with other solutions; i.e. glazed balcony doors and gates.

#### Function

ASSA magnalock installation; in the overhead frame and anchor in the top part of the door on the frame side.

ASSA magnalock DM62SCM is a double M62SCM provided with two anchors designated to double doors.

#### Features

ASSA magnalock have no restraining mechanical parts.

Due to high electro magnetic force ASSA magnalock keep doors secured and still escape safe operation when linked to fire- or emergency alarm system or exit buttons.

ASSA magnalocks are tamper proof to spray paint, aluminium foil and surface dents

Secured status, with full electro magnetic force, monitored.

Housing in stainless steel, anchor in corrosion proof plating and waterproof accordingly insulation protection IP67; all in all, ASSA magnalocks provides operation in extreme rough environments.

Operational temperature: - 40°C - + 60°C.

#### Accessories

Several types of brackets to adapt fitting, e.g. Z-bracket adapt fitting to inswing doors.



Type	Door type	Force	Voltage (VDC) -10%+30%	Current (mA)	Measurements (L x H x B mm)
M32SCM	Outswing	273	12-24	12 VDC: 350 24 VDC: 175	Magnalock: 203x48x38 Anchor: 159x41x13
M32SCFM	Inswing Z-bracket mandatory	273	12-24	12 VDC: 350 24 VDC: 175	Magnalock: 203x48x33 Anchor: 159x41x13
M62SCM	Outswing	545	12-24	12 VDC: 350 24 VDC: 175	Magnalock: 203x76x44,5 Anchor: 152x70x12
M62SCFM	Inswing Z-bracket mandatory	545	12-24	12 VDC: 350 24 VDC: 175	Magnalock: 203x76x44,5 Anchor: 152x70x12
DM62SCM	Outswing double door	545	12-24	12 VDC: 700 (350x2) 24 VDC: 350 (175x2)	Magnalock: 559x76x44,5 Anchor: 152x70x12 (2 pc)
M82SCM	Outswing	818	12-24	12 VDC: 350 24 VDC: 175	Magnalock: 305x76x44,5 Anchor: 254x70x12
M8SCFM	Inswing Z-bracket mandatory	818	12-24	12 VDC: 350 24 VDC: 175	Magnalock: 305x76x44,5 Anchor: 254x70x12



## Magnalocks

### ASSA SAM SCM, SAM 2

#### Application

ASSA SAM magnalock provides recessed installation in swing or slide doors. ASSA SAM magnalocks are well suited in emergency exits. ASSA magnalocks also provide a solution in aggressive environment applications, i.e. high pressure cleaning room, due to waterproof and corrosion resistance.

#### Function

ASSA SAM magnalock provides shear-aligning operation therefore does not operate as a standard magnalock.

ASSA SAM magnalock with provided anchor demands recessed installation in door and frame.

NB! To obtain provided operation it is critical that gap between anchor and magnet does not exceed 2 mm

#### Features

ASSA SAM magnalock have no restraining mechanical parts.

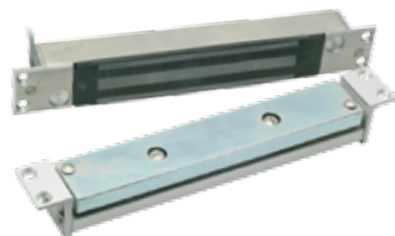
Due to high electro magnetic force ASSA SAM magnalock keep doors secured and still escape safe operation when linked to fire- or emergency alarm system or exit buttons.

ASSA SAM magnalocks are tamper proof to spray paint, aluminium foil and surface dents.

Secured status, with full electro magnetic force, monitored (ASSA SAM 2 only).

Housing in stainless steel, anchor in corrosion proof plating and waterproof accordingly insulation protection IP67; all in all, ASSA SAM magnalocks provides operation in extreme rough environments.

Operational temperature: - 40°C - + 60°C.



SAM SCM



SAM 2

Type	Door type	Force	Voltage -10%+30%	Current (mA)	Measurements: (L × H × W mm)
SAM SCM	Swing or slide door	455	12-24	12 VDC: 350 24 VDC: 175	Magnalock: 241,3×38,1×28,6 Anchor: 244,5×36,5×28,6
SAM 2	Swing or slide door	280	12-24	12 VDC: 350 24 VDC: 175	Magnalock: 182,9×29,2×23,9 Anchor: 182,9×29,2×25,4



## Accessories ASSA Magnalocks

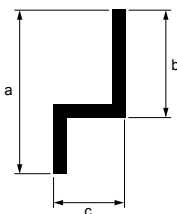
## ASSA Z-32SSM, Z-62SSM, Z-82SSM

## Z-bracket

To adapt magnalock installation to inswing doors.  
Dresscover in polished stainless steel covering bracket and magnet included.

Z-bracket designated to SCFM type magnalocks only

Bracket type	Magnalock type	Measurements a x b x c (mm)
Z-32SSM	M32SCFM	133x45x58
Z-62SSM	M62SCFM	161x74x63
Z-82SSM	M82SCFM	161x74x63



Z-32SSM



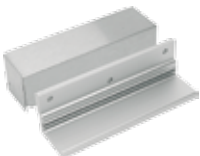
Z-62SSM



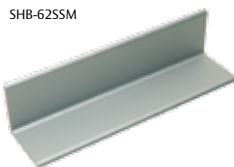
Z-82SSM



SHB-32SSM



SHB-62SSM



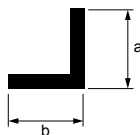
HEB-82CLM

## ASSA SHB-32SSM, SHB-62SSM, HEB-82CLM

## L-bracket

To adapt magnalock installation when overhead frame is flush with door.  
Dresscover in polished stainless steel included in SHB-34SSM and SHB-62SSM

Bracket type	Magnalock type	Measurements a x b x c (mm)
SHB-32SSM	M32SCM	60x45x250
SHB-62SSM	M62SCM	60x63x205
HEB-82CLM	M82SCM	51x51x305



## Accessories ASSA Magnalocks

## ASSA UHB-CLM, UHB-82CLM

## Universal header bracket

To extend a narrow overhead frame.  
Produced in square section steel tube 26 x 39 mm,  
to extend either 26 mm or 39 mm

Bracket type	Magnalock type	Measurements h x b x l (mm)
UHB-CLM	M32SCM, M62SCM	26 x 39 x 241
UHB-82CLM	M82SCM	26 x 39 x 342



UHB-CLM



UHB-82CLM

## ASSA CWB-62CLM, CWB-82CLM

## Universal header bracket

To extend a narrow overhead frame.  
Produced in square section steel tube 26 x 39 mm,  
to extend either 26 mm or 39 mm

Bracket type	Magnalock type	Measurements h x b x l (mm)
CWB-62CLM	M62SCM	44x12x203
CWB-82CLM	M82SCM	64x12x304



CWB-62CLM



CWB-82CLM

## ASSA DC-32SPM, DC-62SPM, DC-82SPM, DDC-62CLM

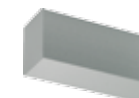
## Dresscover

To improve appearance by covering magnet, anchor and fastening screw heads.  
DDC-62CLM covers 2 pcs magnalock M62SCM installed less than 50 mm apart.

Dress cover type	Magnalock type	Finish
DC-32SPM	M32SCM	Polished stainless steel
DC-62SPM	M62SCM	Polished stainless steel
DC-82SPM	M82SCM	Polished stainless steel
DDC-62CLM	2 x M62SCM	Aluminium, clear anodised



DC-32SPM



DC-62SPM



DC-82SPM



## Electric Cabinet Locks

## Solid 1048, 1048BS, 1049, 1049BS

## Application

Solid cabinet lock in compact design suited to fit the limited space held in a cabinet or a cupboard.

Areas of use e.g. jeweller- or watch store showcases; post boxes, medicine and archive cabinets.

## Function

Solid cabinet lock provides two main options

- Standard operation (1049, 1049BS)
  - Fail locked / unlocked operation easy selectable on site
- Impulse fail locked operation (1048, 1048BS)
  - Provides impulse "snap-open" operation
  - Locked in case of power failure

## Features

- Standard operation (1049, 1049BS)
  - Strength 1 kN (100 Kg)
  - Optional monitoring micro switch
  - Bolt engagement monitoring (1049BS)
- Impulse fail locked operation (1048, 1048BS)
  - Strength 1 kN (100 Kg)
  - "Snap-open" feature, pushes door open, no need for knob or handle
  - Optional monitoring micro switch
  - Bolt engagement monitoring (1048BS)

## Technical specifications

Standard operation (1049, 1049BS)

Solid standard operation cabinet locks rated DC only.

A protective diode (e.g. 1N4004) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks)

- Current / Voltage (1049, 1049BS)
  - 280 mA @ 12 VDC  $\pm 10\%$
  - 140 mA @ 24 VDC  $\pm 10\%$
- Micro switches changeover NO/NC (1049BS)
  - Rated 1 A @ 25 VDC
- Dimensions: 48 x 42 x 20 mm
- Temperature range: +10 °C – +40 °C

## Technical specifications

Impulse operation (1048, 1048BS)

Solid impulse operation cabinet locks rated AC/DC.

In DC operation a protective diode (e.g. 1N4004) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks).

- Current / Voltage (1048, 1048BS)
  - 900 mA @ 12 VDC  $\pm 10\%$
  - 500 mA @ 12 VAC  $\pm 10\%$
  - 450 mA @ 24 VDC  $\pm 10\%$
  - 230 mA @ 24 VDC  $\pm 10\%$
- Micro switches changeover NO/NC (1048BS)
  - Rated 1 A @ 25 VDC
- Dimensions: 48 x 42 x 20 mm
- Temperature range: -20 °C – +60 °C



## Electric Cabinet Locks

## STEP 35

## Application

STEP 35 cabinet lock in compact design suited to fit the limited space held in a cabinet or a cupboard.

Areas of use e.g. jeweller- or watch store showcases; post boxes, medicine and archive cabinets.

## Function

STEP 35 cabinet lock provides two main options

- Fail locked operation (ST202B, ST203E)
  - Locked in case of power failure
- Fail unlocked operation (ST202D, ST203F)
  - Unlocked in case of power failure

## Features

- Strength 5 kN (500 Kg)
- Bolt engagement monitoring micro switch

## Technical specifications

Standard operation (1049, 1049BS)

STEP 35 cabinet locks rated DC only.

A protective diode (e.g. 1N4004) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks)

- |  |                           |
|--|---------------------------|
| • Current / Voltage (1049, 1049BS)         | 63 mA @ 24 VDC $\pm 10\%$ |
| • Wrap around faceplate (ST203E, ST203F)   |                           |
| - Dimensions:                              | 140 x 32 x 17 mm          |
| • Wrap around faceplate (ST203E, ST203F)   |                           |
| - Dimensions:                              | 140 x 32 mm               |
| • Bolt                                     |                           |
| - Dimensions:                              | Ø 8 mm; length 7 mm       |
| • Micro switches changeover NO/NC (1049BS) |                           |
| - Rated                                    | 1 A @ 25 VDC              |



ST202B, ST202D



ST203E, ST203F



Where electric data needs to be considered, there is a specification available with this information.



## Connecting Accessories

### Solid 5560KB

#### Application

Solid 5560KB interconnecting accessory significantly improves strength (up to 10 times) and at the same time decreases possibility to widen door gap at burglary attempt.

Accessory consists of exchange interconnecting faceplate and corresponding strike plate.

Solid 5560KB provided to ASSA classic modular lock cases according to schedule below.

Type	ASSA modular lock case	Sym	Asym
Solid 5560KB / 5585 sym	5584, 5585, 6585, 5761, 8561	×	
Solid 5560KB / 560 sym	560, 562, 1560	×	
Solid 5560KB / 2000 sym	565, 2000, 8765	×	
Solid 5560KB / 9788 sym	9788	×	
Solid 5560KB / 5585 asym	5584, 5585, 6585, 5761, 8561		×
Solid 5560KB / 560 asym	560, 562, 1560		×
Solid 5560KB / 2000 asym	565, 2000, 8765		×

## Solid Brackets, Striking Plate, Blind Faceplates

### Solid 507/17, 507/22, 507/26, 510/511

#### Brackets

Solid brackets adapt fitting when wood frame is weak or splintered.

Brackets provided for faceplate 507, 510 and 511.

Faceplate 510 and 511 uses same bracket.

Brackets for faceplate 507 brings several lip widths, see schedule below.

Type	Length (mm)	Width (mm)	Wrap around (mm)	Lip width (mm)
Solid 507 / 17	400	45	20	17
Solid 507 / 22	400	50	20	22
Solid 507 / 26	400	55	20	26
Solid 510 / 511	300	43	20	14



510/511 507/17



## Solid Striking Plates

### Striking plates

Solid strike plates tailor-made to fit electric strike preparation, makes mechanical lock use possible when supposed electric strike installation is later and.

Solid strike plates have the same measurements and name as the corresponding faceplate.

High security electric strikes:

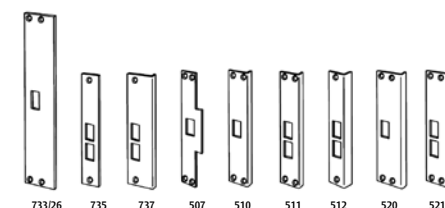
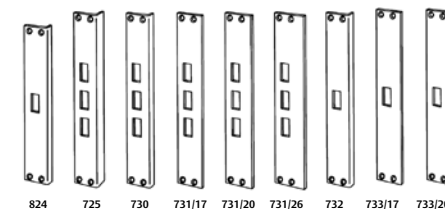
824

Standard security electric strikes:

725, 730, 731/17, 731/20, 731/26, 732, 733/17, 733/20, 733/26, 735, 737

Medium security electric strikes:

507, 510, 511, 512, 520, 521



## Solid Blind Faceplates

### Blind faceplates

Solid blind faceplates tailor-made to fit electric strike preparation; used when supposed electric strike and lock installation is later.

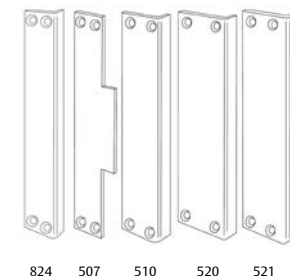
Solid blind faceplates have the same measurements and name as the corresponding faceplate.

High security electric strikes:

824

Medium security electric strikes:

507, 510, 520, 521



## Solid KBS

### Application

Solid KBS plastic dome covers thumb turn or cylinder to prevent illicit use.

Provided in two heights:

Length 120 mm

Width 70 mm

Height 35 mm or 55 mm

## ASSA 8087 Replacement Faceplate

### Application

ASSA 8087 replacement faceplate covers lock case and motor unit; adapts ASSA motor lock 8087S to wooden door installation.

Length 338 mm

Width 32 mm



**Cable Loop****ABLOY EA280, EA281****Application**

ABLOY EA280 / EA281 recessed cable loop to transfer cables from frame to door, suitable for swing doors only.

**Features**

Install EA281 if opening angle exceeds 120° or if coil spring parallel dislocation exceeds 40 mm

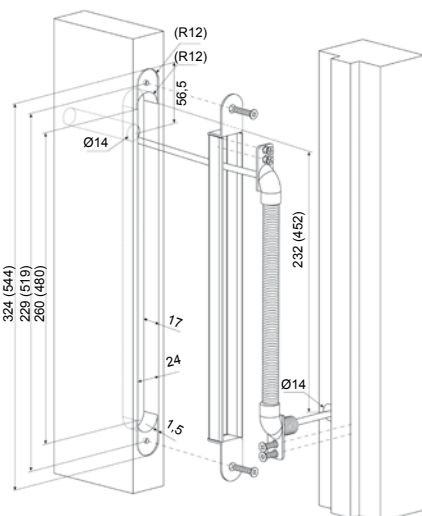
Cable diameter max Ø 7,4 mm; flexible cable maintains performance.

**Function**

Cable loop installation; housing preparation in the upper part on the hinge side of the door, coil spring flange in corresponding height on the frame, cable must be pulled through before fastening.

Preparation must be wide enough to allow cable to flex under housing and coil spring flange.

NB! One cable in each door loop only.

**Solid 83****Application**

Cable loop in nickel-plated brass with white plastic fixings to transfer cables from frame to door; suitable for swing and slide doors.

Supplied with plastic bushings to avoid abrasion.

Cable diameter max Ø 6 mm; flexible cable maintains performance.

**Function**

Cable loop installation; in the upper part on the hinge side of the door and frame; before fastening cable must be pulled through.

NB! One cable in each door loop only.

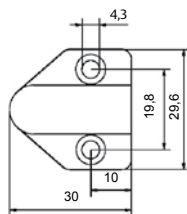
**Technical specifications**

Solid 83 Length: 400 mm

Solid 83/600 Length: 600 mm

Solid 83 is also available by the meter and plastic fixings and bushings each.

NB! One cable in each door loop only

**Door Contact****Solid 88****Application**

Solid 88 transfer power and electrical signals from frame to door.

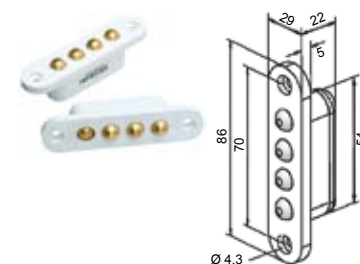
**Features**

4-pole power transfer in grey plastic with sprung balls.

NB! NOT recommended for motor lock applications.

**Technical specifications**

Distance Max 5 mm gap between door and frame  
Current / Voltage 500 mA @ 24VAC/VDC

**Connecting Cables****ABLOY EA225  
ASSA 817121, 817122**

ASSA and ABLOY flexible cables provided with attached connectors to transfer signals and power from lock to superior systems.

Every electro mechanical lock demands a designated cable, see schedule below, ASSA and ABLOY cables is designed to resist the stressful environment that a door with e.g. big differences in temperature represents.



Connecting cables to ASSA motor-, solenoid handle- and micro switch locks			
Cable type	Length	Designated to	Replaces
EA225	10 m	All ASSA motor locks	EA215
81 71 21	10 m	All ASSA solenoid handle locks.	EA210, EA220
81 71 22	10 m	All Evolution mechanical locks with built-in micro switch	



## Bolt Contacts

### Solid 82, 876, 877, 878

#### Application

Bolt monitoring switches to monitor latch or bolt throw.

Various uses e.g. fire protective and emergency exit doors; free / occupied monitoring in lavatories.

#### Features

Solid 82	Dead- or latch bolts; throw 10-24 mm Designated fixing, attached to security strike reinforcement box
Solid 876	Dead- or latch bolts; throw 16-20 mm Designated fixing, backside of strike plate
Solid 877	Dead- or latch bolts; throw 12-15 mm Designated fixing, backside of strike plate
Solid 878	Dead bolts; throw 5 mm - infinity Designated fixing, backside of strike plate

#### Technical specifications

Micro switches	Changeover NO/NC, rated 1A @ 24VAC/VDC, max 24W
Waterproof	Solid 878: Insulation protection, IP54

Measurements				
Type	Height	Width	Depth	Misc.
Solid 82				
Solid 876	68 mm	18 mm	34 mm	-
Solid 877	68 mm	18 mm	30 mm	-
Solid 878	55 mm	11 mm	43 mm	Cable 4 m



Solid 82



Solid 876 / 877



Solid 878



## Magnet Contact

### Solid 41, 42, 43

#### Application

Magnet contact to monitor door position attaches to door and frame.

#### Features

Solid 41 surface-mount magnetic contact

Solid 42 biased high security recessed magnetic contact

Solid 43 recessed magnetic contact

#### Technical specifications

Loop type	NO
Current / Voltage	Rated 500 mA @ 48 VAC/VDC, max 7,5 W

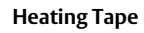


Solid 41



Solid 42 / 43

Measurements				
Type	Measurements	Drill size	Gap	Connection
Solid 41	L 64 × W 16 × H 13 mm		19 mm	Screw terminal
Solid 42	L 40 × Flange Ø 25 mm	Ø 19 mm	10 mm	2 m cable with tamper loop
Solid 43	L 40 × Flange Ø 25 mm	Ø 19 mm	22 mm	2 m cable with tamper loop



## Application

Self-adhesive heating tape to tack on electric strikes, solenoid handle locks or motor locks to maintain provided operation in extreme environments.

## Technical specifications

Voltage	12/24 VAC/VDC, 2,5 W
Measurements	30 x 90 mm, 200 mm connecting wires



## Application

Bimetallic thermostat to regulate heating tape above.

## Technical specifications

Voltage	12/24 VAC/VDC
Measurements	6 x 6 x 20 mm



## Application

Protective diode provided to protect superior system from transients (peaks); transients may occur in electric strikes.  
A protective diode should be connected as close to the coil as possible.

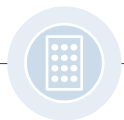
## Technical specifications

Type	1N4004
------	--------

# ACCESS CONTROL

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Solicode is a series of code locks easy to mount. The code locks provide access control without complicated key management in premises that do not require high security.



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## Stand Alone Reader / Code Lock

### PCR-40 Proximity reader

#### Application

SOLICARD PCR-40 the versatile compact proximity reader. PCR-40 is a code lock, stand-alone reader or an online reader. The compact and cost-effective proximity reader in a timeless design, with a built-in DAC interface for easy installation directly to a central unit of the ARX access control system.

#### Features / Function

SOLICARD PCR-40 has clear back-lit symbols, such as green/red man, alarm status, enter code and show card.

The PCR-40 is used on internal doors to help control the flow of people, mainly on doors that don't demand a high security. Examples of such premises are locker rooms, internal storage, internal doors and office doors.

SOLICARD PCR-40 can work as stand-alone and is then programmed directly via the keypad, or online which makes the authority administration easier.

With a SOLICARD PCR-40 you can always grow from the stand-alone reader to an online system with thousands of doors. Without having to replace any reader.

The buttons have a distinct touch response. SOLICARD PCR-40 can also be used as a code lock and for alarm by-pass manoeuvres when it is part of a control unit with at least one DAC420 with relay board connected.

#### Indications

- Cardreader running/ready
- Door unlocked
- Common code/code lock function
- Card + PIN code
- Blocked for access
- Shows alarm status for alarm authorised card
- Invalid card

#### Material

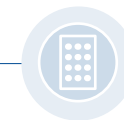
- PC plastic with black sticker
- Halone and Halogen free
- Fulfils the requirements for IP54
- Stainless push buttons

#### Technical specification

- Power supply: 12-24 V AC / V DC
- DC Out: 12 V DC 0,6 A
- To run electric lock
- Power consumption: 100 mA
- Weight: 0,5 Kg
- Temperatur range reader: -20°C to +70°C
- Built-in DAC interface directly connected to LCU9016, 6416CE and 4000CE

#### Other

- Has a built-in tamper switch
- Lockable casing
- Cast base plate



## Compact Code Lock, Two Codes

### Solicode 190CL

#### Application

SOLICODE 190CL is a compact code lock easy to mount. It provides access control without complicated key management in premises that do not require high security.

The code lock is suitable for interior and exterior use. The code lock is preset for two 4- or 6-digit access codes that can be easily reprogrammed later by using the keypad.

#### Features / Function

The code lock features an automatic cancellation of opening time (1-999 sec.) at door opening, when an electric strike with a bolt contact is connected. The code lock is not dependent on continuous voltage, which enables supply through a time switch. Code 2 can be blocked e.g. via time switch. The buttons have a distinct touch response.

The code lock has a lockable casing, and cast base plate.

The casing of zinc alloy comes with white or black powder paint as standard.

#### Indications

- Programming mode
- Programming accepted
- Programming not accepted
- Invalid code block
- Unlocked door
- Key-pressing

#### Material

- Cast zinc alloy with white or black powder coating as standard
- Stainless push buttons
- Cast base plate

#### Accessories

- 6160RS Rain protection

#### Technical specification

- Voltage: 12 - 24 V AC / V DC
- Maximum current consumption: 190CL = 80 mA
- Output, voltage or free relay closing: 1 A / 24 V

#### Miscellaneous

- Two 4- or 6-digit codes
- Code 2 can be blocked via e.g. time switch
- Invalid code block
- Lockable casing
- Automatic cancellation of opening time
- Fulfils requirements for IP54



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## Compact Code Lock, Seven Codes

### SOLICODE 210CL

#### Application

SOLICODE 210CL is a compact code lock for easy mounting. It provides access control without complicated key management in premises that do not require high security. The code lock is suitable for interior and exterior use. The code lock is preset for seven 4- or 6-digit access codes that can be easily reprogrammed later by using the keypad.

#### Features / Function

The code lock features an automatic cancellation of opening time (1-999 sec.) at door opening, when an electric strike with a bolt contact is connected. The code lock is not dependent on continuous voltage, which enables supply through a time switch. There are seven 4- or 6-digit codes where codes 5 and 6

can be blocked through e.g. a time switch and code 7 can be time-limited from 1 to 9 days. The key pad is back-lit and the buttons have a distinct touch response.

The code lock has a lockable casing, and cast base plate.

The casing of zinc alloy comes with white or black powder paint as standard.

#### Indications

- Programming mode
- Programming accepted
- Programming not accepted
- Invalid code block
- Unlocked door
- Key-pressing

#### Material

- Cast zinc alloy with white or black powder coating as standard
- Stainless push buttons
- Cast base plate

#### Accessories

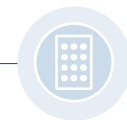
- 6160RS Rain protection

#### Technical specification

- Voltage: 12 - 24 V AC / V DC
- Maximum current: 210CL = 80 mA
- Output, voltage or free relay closing

#### Miscellaneous

- Seven 4- or 6-digit codes
- Code 5 or 6 can be jointly blocked via e.g. time switch
- Code seven can be time limited from 1 to 9 days
- Invalid code block
- Backlit keypad
- Lockable casing
- Automatic cancellation of opening time
- Fulfils requirements for IP54



## Code Lock for Flush Mounting

### SOLICODE 211CL

#### Application

SOLICODE 211CL is a compact code lock for flush mounting. The code lock provides access control without complicated key management in premises that do not require high security. Examples of this type of locations are locker rooms, interior storage rooms and entrance doors to apartment buildings. The code lock is suitable for interior and exterior use. The push buttons have a distinct touch response.

SOLICODE 211CL is a code lock in a flush-mounted box suitable for use in locations where there is a high risk for tampering.

#### Features / Function

The code lock features an automatic cancellation of opening time (1-999 sec.) at door opening, when an electric strike with a bolt contact is connected.

Cast zinc alloy box with front and push buttons of stainless steel. There are seven 4- or 6-digit codes where codes 5 and 6 can be blocked through e.g. a time switch and code 7 can be time-limited from 1 to 9 days. The push button set can be installed in a panel frame instead of the standard box.

#### Indications

- Programming mode
- Programming accepted
- Programming not accepted
- Invalid code block
- Unlocked door
- "Key-pressed" indications

#### Material

- Stainless front
- Stainless push buttons
- Flush mounting case in zinc alloy

#### Technical specification

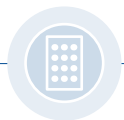
- Voltage: 12 - 24 V AC / V DC
- Maximum current: 211CL = 80 mA
- Output, current or clean contact relay: 1 A / 24 V

#### Miscellaneous

- Seven 4- or 6-digit codes
- Code 5 or 6 can be jointly blocked via e.g. time switch
- Code seven can be time limited from 1 to 9 days (temporary access code)
- Invalid code block
- Lockable casing
- The keypad can be fitted in Panel frame 1 instead of the standard box



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### Compact Code Lock, Seven Codes, AUX-relay

#### SOLICODE 220CL

##### Application

SOLICODE 220CL is a compact code lock for easy mounting. It provides access control without complicated key management in premises that do not require high security. The code lock is suitable for interior and exterior use, fulfils the requirements for IP54. The code lock is preset for seven 4- or 6-digit access codes that can be easily reprogrammed later by using the keypad.

##### Features / Function

SOLICODE 220CL contains an AUX-relay, which provides the possibility to control two doors, with either an in common code, or two different.

The AUX output can toggle, thereby creating a stand open functionality. Open the door by pressing the code once, it then stays open until the code is entered again.

It can also be used as duress alarm.

The code lock features an automatic cancellation of opening time, thereby locking the door on closure, when an electric strike with a bolt contact is connected.

The code lock is not dependent on continuous voltage, which enables supply through a time switch. There are seven 4- or 6-digit codes where codes 5 and 6 can be blocked through e.g. a time switch and code 7 can be time-limited from 1 to 9 days. The keypad is back-lit and the buttons have a distinct touch response.

The code lock has a lockable casing, and cast base plate.

##### Indications

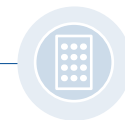
- Programming mode
- Programming accepted
- Programming not accepted
- Invalid code block
- Unlocked door
- Key-pressing

##### Material

- Cast zinc alloy with white or black powder coating as standard
- Stainless push buttons
- Chrome coating (satin gray) is available
- Cast base plate

##### Accessories

- 6160RS Rain protection



##### Technical specification

- Voltage: 12 - 24 V AC / V DC
- Maximum current: 220CL = 85 mA
- Output, voltage or free relay closing

##### Miscellaneous

- AUX-relay output
- One or two doors (selectable via DIP)
- Duress alarm function (selectable via DIP)
- Toggling relay on/off via code
- Seven 4- or 6-digit codes
- Code 5 or 6 can be jointly blocked e.g. via time switch
- Code seven can be time limited from 1 to 9 days
- Invalid code block (selectable via DIP)
- Automatic cancellation of opening time (door 1)
- Fulfils requirements for IP54
- Backlit keypad, with blue tint (selectable via DIP)
- Lockable casing
- Cast base plate and casing

# DOOR CONTROL

---

Secure and safe door closing.

ASSA ABLOY Group has more than 80 year's experience of producing door closers. Our products are used to close doors all over the world and meet both Swedish and international standards ISO 9001, EN and ANSI.

ASSA Door Control facilitates many possibilities. It is not only about controlled door closing but also convenience, comfort, security and safety.



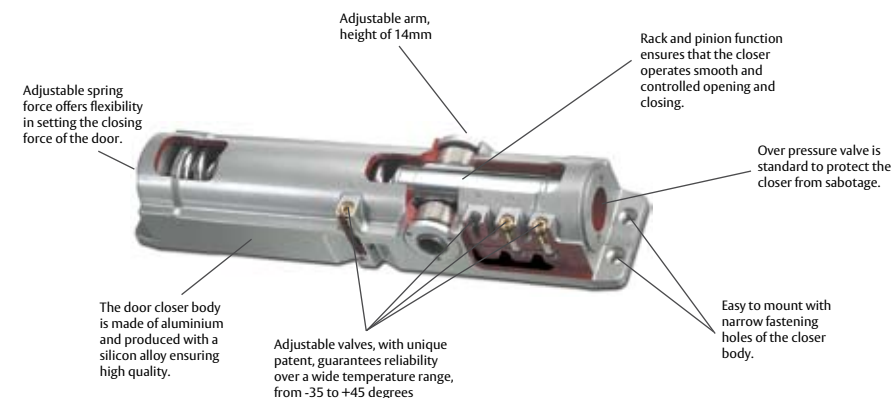


## ASSA Door Closers

ASSAD10, D15, D20, D30 and D40 have been developed to meet the requirements of EN 1154, 1155, 1158 and ANSI 156.4

### Features

- Door closer body is made of cast aluminium
- Removable body cover in several colours: silver, white, gold, brown  
Finishes available on request: NCS, RAL, stainless, brass and chrome
- High efficiency
- Adjustable closing force
- Available with standard arm and a hold-open arm
- Manage temperatures between -35° and +45°
- Easily adjustable arm height 14 mm and narrow fixing of door closer body make installation easy
- Back check and delayed closing
- ASSA door closers are approved for fire doors TG-0103/00
- Same accessories for D20, D30 and D40



Closing force CEN			
Door closer size	Closing force (in Nm at 2°)	Door width (mm max.)	Door weight (kg)
1	9	750	20
2	13	850	40
3	18	950	60
4	26	1100	80
5	37	1250	100
6	54	1400	120
7	87	1600	160

**ASSA D10****Application**

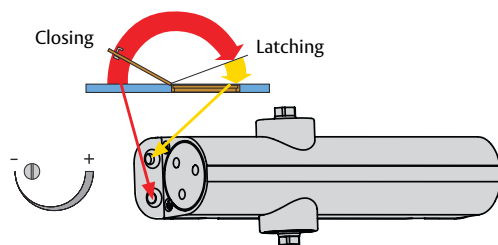
ASSA D10 is suitable for light interior doors where a safe and controlled closing is required.

The closer body is made of die aluminium of high quality.

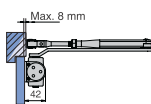
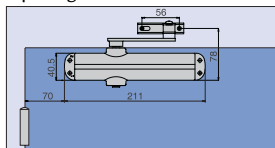
D10 is a compression spring door closer (Rack and Pinion).

**Features**

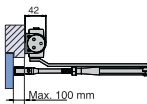
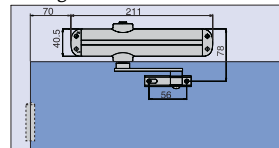
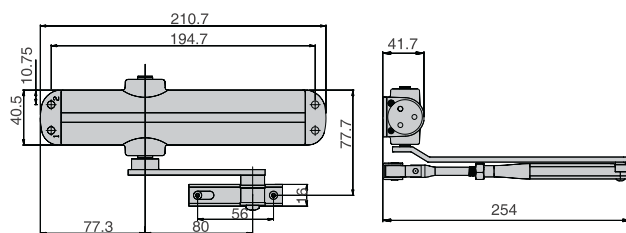
- Adjustable spring force 2-3 EN
- Can be installed to door leaf or frame
- Maximum door width 950 mm
- Adjustable closing and latching force with valves
- Colour: silver

**Adjusting of Closing and Latching Force****Installation**

Opening side



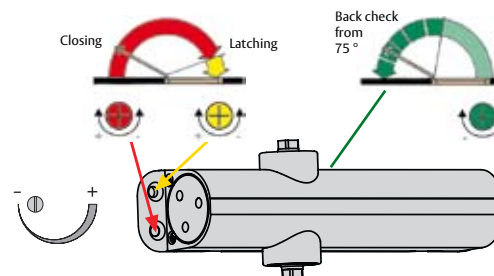
Closing side

**Dimensions****ASSA D15****Application**

ASSA D15 is suitable exterior doors and interior doors that require secure and controlled closing. D15 is a compression spring door closer with high-quality hydraulic oil and temperature compensated valves.

**Features**

- Cast aluminium body with plastic cover
- Closing force according to EN 1154, 2, 3 or 4
- Maximum door weight 80 kg and width 1100 mm
- Adjustable closing and latching force with valves
- CE-certified
- Can be used to fire doors
- Adjustable closing and latching, delay closing (option)
- Can be installed either to frame and door leaf
- Colour: silver, white and brown
- Dimensions: length 236 mm, height 50,5 mm, depth 56 mm
- Cold weather fluid

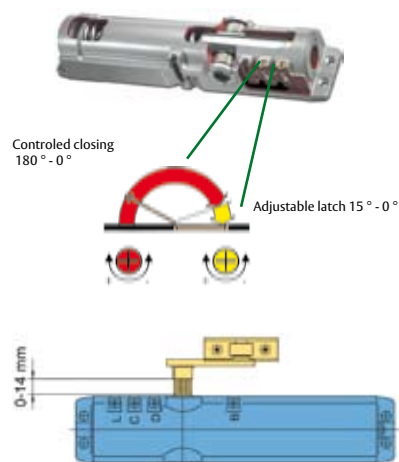
**Adjusting Latching and Closing Speed and Back Check**

**ASSA D20****Application**

ASSA D20 series suits all types of interior doors that require secure and controlled closing. Door closer body is made of cast aluminium. D20 is a compression spring door closer (rack and pinion) with high-quality hydraulic oil and temperature compensated valves (-35° to +45°).

**Features**

- Adjustable spring force 1 - 5 EN
- Can be installed to door leaf or frame
- Max. door width 1250 mm
- Adjustable closing and latching force with valves
- Adjustable arm height 14 mm
- Pressure relief valves for protection of the door closer
- Operation range -35°C - +45°C
- Easy to install with narrow fixing of door closer body and adjustable arm
- Dimensions: length 303 mm, height 72 mm, depth 60 mm
- Removable body cover in several colours: silver, white, gold, brown. Finishes available on request NCS, RAL, stainless, brass and chrome.
- Approved for fire doors TG-0103/00

**Adjusting of closing and latching force**

The height position of the arm can be adjusted 14 mm by lifting the axel in a vertical direction.

**Accessories****D2001**

Door closer body, size 1-5 EN adjustable.  
 Door width 1250 mm. Closing and latching speed are adjustable with valves. Adjustable arm height 14 mm  
 Art.nr 812296

**D3010 / D3013 / D3014****Standard arm:**

D3010 frame depth 0 - 100 mm

**Extended standard arm:**

D3013 frame depth 100 - 200 mm

D3014 frame depth 0 - 70 mm

Art.nr D3010 812321

Art.nr D3013 812323

Art.nr D3014 815405

**D3012**

Hold-open arm, frame depth 70 mm

Hold-open angle max. 150°

Blocking function can be switched on and off (Not for fire doors)

Art.nr 812326

**D3030 / D3032**

Mounting plate D3030, can be used for a narrow frame or rebated door leaf

Mounting plate Universal D3032 can be used where a door closer has been mounted

Art.nr D3030 812376

Art.nr D3032 812379

**D3036**

Angle mounting plate can be used when the frame depth exceeds 200 mm

Art.nr 812377



D3010/D3013



D3014



D3012



D3030



D3032



D3036



## ASSA D30

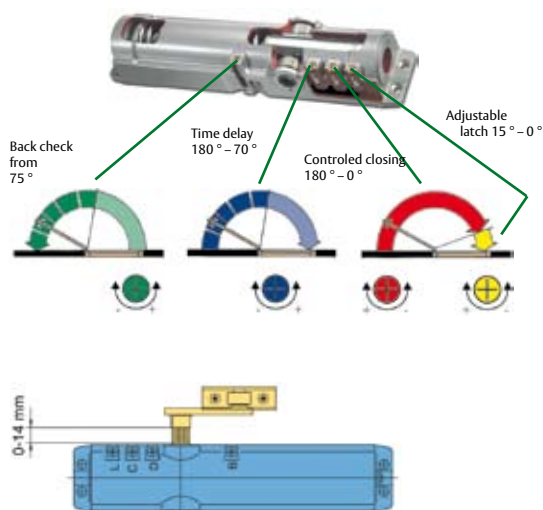
### Application

ASSA D30 series suits all types of doors; exterior, interior and fire doors that require secure and controlled closing.

Door closer body is made of cast aluminium. D30 is a compression spring door closer (rack and pinion) with high quality hydraulic oil and temperature compensated valves (-35° to +45°).

### Features

- Adjustable spring force 2-6, 5-7 EN
- Can be installed to door leaf or frame
- Max. door width 1400 mm. with spring force 2-6 EN
- Max. door width 1600 mm. with spring force 5-7 EN
- Closing and latching force can be adjusted with valves
- Adjustable arm height 14 mm
- Back check adjustable from 75° as standard
- Delayed closing between 180° - 70° as option
- Pressure relief valves for protection of the door closer
- Temperature compensated valves -35°C - +45°C
- Dimensions: length 303 mm, height 72 mm, depth 60 mm
- Removable body cover in several colours: silver, white, gold, brown.
- Finishes available on request: NCS, RAL, stainless, brass and chrome.
- Easy to install with narrow fixing of door closer body and adjustable arm
- Approved for fire doors TG-0103/00



The height position of the arm can be adjusted 14 mm by lifting the axel in a vertical direction.



### Accessories

D3001BC / 3002BC/DC / D3003BC

Door closer body, size 2-6, 5-7 EN adjustable. Door width 1400/1600 mm. Latching and closing speed is adjustable with valves.

Back check (BC) and delayed closing (DC option) adjustable with valves. Adjustable arm height 14 mm.

Art.nr D3001BC 812375

Art.nr D3002BC/DC 812318

Art.nr D3003BC 818700

D3010 / D3013 / D3014

Standard arm:

D3010 frame depth 0 - 100 mm

Extended standard arm:

D3013 frame depth 100 - 200 mm

D3014 frame depth 0 - 70 mm

Art.nr D3010 812321

Art.nr D3013 812323

Art.nr D3014 815405

D3012

Hold-open arm, frame depth 70 mm. Hold-open angle max. 150°.

Blocking function can be switched on and off. (Not for fire doors).

Art.nr 812326

D4020

Sliding arm can be used if design is desired.

Hold-open accessories D4022 not fire doors.

Art.nr D4020 815406

Art.nr D4022 812385

D4023

Opening damper D4023 for sliding arm D4020.

Art.nr 815408

D3030 / D3032

Mounting plate D3030, can be used for a narrow frame or rebated door leaf. Mounting plate Universal D3032 can be used where a door closer has been mounted

Art.nr D3030 812376

Art.nr D3032 812379

D3035

Angle mounting plate for mounting on frame side, when a non-protruding standard arm is required.

Art.nr 812353

D3036

Angle mounting plate can be used when the frame depth exceeds 200 mm.

Art.nr 812377



D3010



D3013



D3014



D3012



D4020



D4022



D3030



D3032



D3035



D3036



## ASSA D40

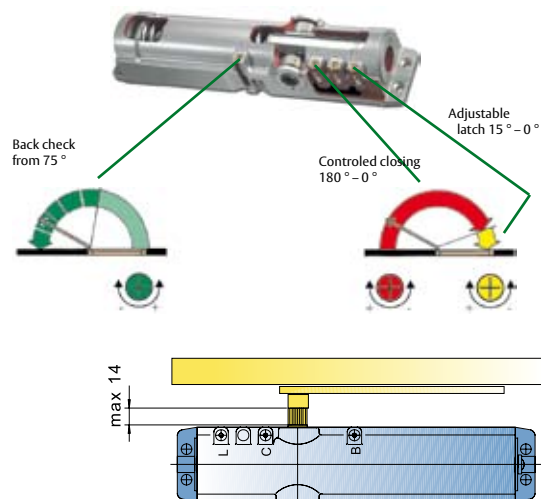
### Application

ASSA D40 series suits all types of doors; exterior, interior and fire doors that require secure and controlled closing.  
Door closer body is made of cast aluminium.  
ASSA D40 is a compression spring door closer (rack and pinion) with high quality hydraulic oil and temperature compensated valves (-25° till +45°).

### Features

- Adjustable spring force 2-6 EN.
- Installing with sliding arm.
- Can be installed to door leaf or frame.
- Max. door width 1400 mm.
- Closing and latching force can be adjusted with valves.
- Adjustable arm height 14 mm.
- Back check adjustable from 75° as standard.
- Pressure relief valves for protection of the door closer.
- Temperature compensated valves -25°C - +45°C.
- Dimensions: length 303 mm, height 72 mm, depth 60 mm.
- Removable body cover in several colours: silver, white, gold, brown. Finishes available on request: NCS, RAL, stainless, brass and chrome.
- Easy to install with narrow fixing of door closer body and adjustable arm.
- Approved for fire doors TG-0103/00.

### Adjusting closing speed, delayed closing and back check



The height position of the arm can be adjusted 14 mm by lifting the axle in a vertical direction.

### Accessories

D4002 BC  
Door closer body, size 2-6 EN adjustable. Door width 1400 mm.  
Latching and closing speed and back check are adjustable with valves.  
Art.nr 815407

D4020 / D4022  
Sliding arm used together with door closer body D4002. Hold-open device D4022 used together with sliding arm D4020. Not for fire doors.  
Art.nr D4020 815406  
Art.nr D4022 812385

D4023  
Opening damper D4023 for sliding arm D4020.  
Art.nr 815408

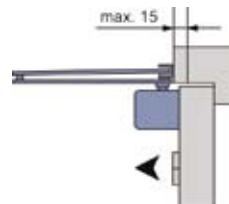
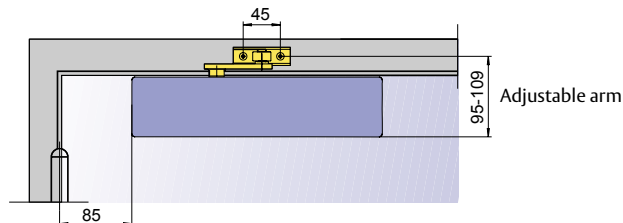
D4028  
Angle mounting plate can be used when sliding arm D4020 is mounted on frame side.  
Art.nr 812384

D3030 / D3032  
Mounting plate D3030, can be used for a narrow frame or rebated door leaf. Mounting plate Universal D3032 can be used where a door closer has been mounted.  
Art.nr D3030 812376  
Art.nr D3032 812379

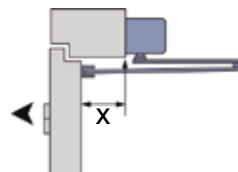
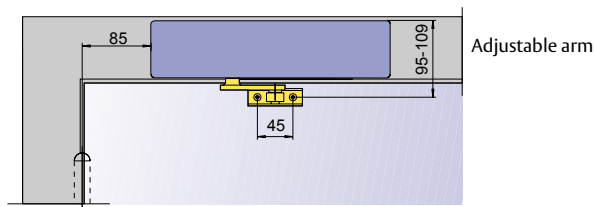




### Mounting on Opening Side



### Mounting on Closing Side



Standard arm D3010,  
x = max 100 mm

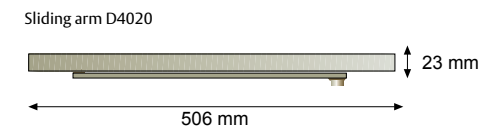
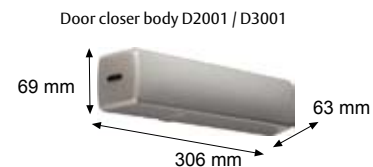
Extended standard arm D3013,  
x = 100-200 mm

Hold-open arm D3012,  
x = max 70 mm

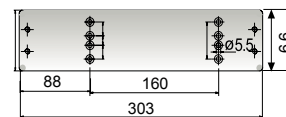
Standard arm D3014,  
x = max 70 mm



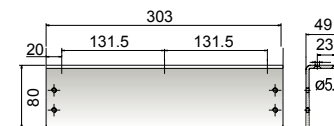
### Accessories dimension D20 and D30



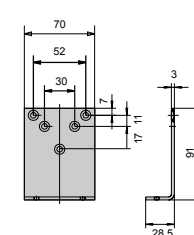
Mounting plate D3030



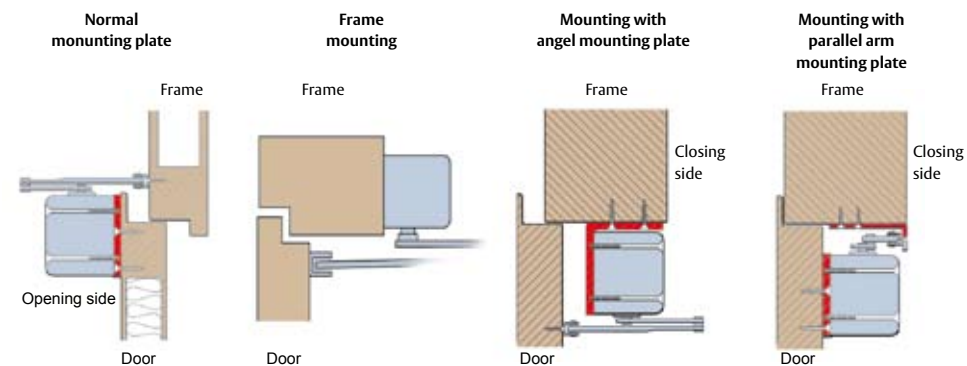
Angle mounting plate D3036



Parallel arm mounting plate D3035



### Mounting examples

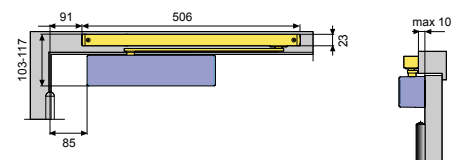




## Mounting on Opening Side

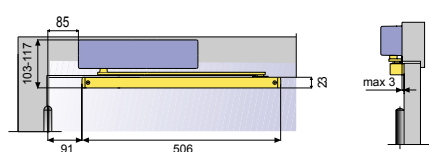
### D4002

Mounting on opening side of ASSA door closer D4002 with slide arm D4020 on opening side. If possible the door can be set to open up to 170°.



### D4002

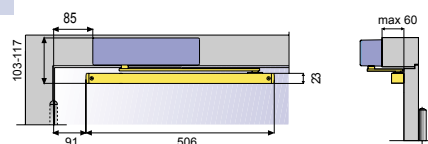
Frame mounting of ASSA door closer D4002 with slide arm on openings side. If possible the door can be set to open up to 170°.



## Mounting on Closing Side

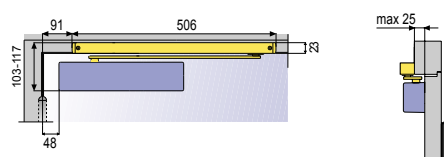
### D4002

Frame mounting of ASSA door closer D4002 with side arm on closing side. Opening angle is limited to between 120° and 145° depending on technical circumstances. To avoid damage on the wall or door closer door stop D4023 is recommended to be used.



### D4002

Door leaf mounting of ASSA Door closer D4002 with side arm D4002 on closing side. Opening angle is limited to between 120° and 145° depending on technical circumstances. To avoid damage on the wall or door closer door stop D4023 is recommended to be used.

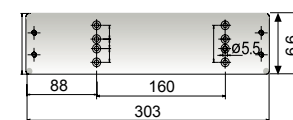


## Accessories dimension D40

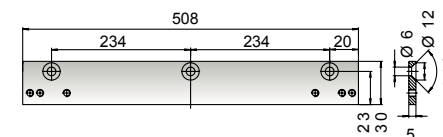
### Door closer body D4002



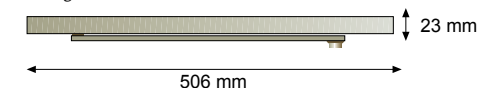
### Mounting plate D3030



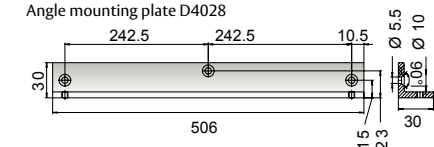
### Mounting plate FD4047



### Sliding arm D4020



### Angle mounting plate D4028







### ASSA FD30 Door Closer for Fire- and Smoke Separating Doors

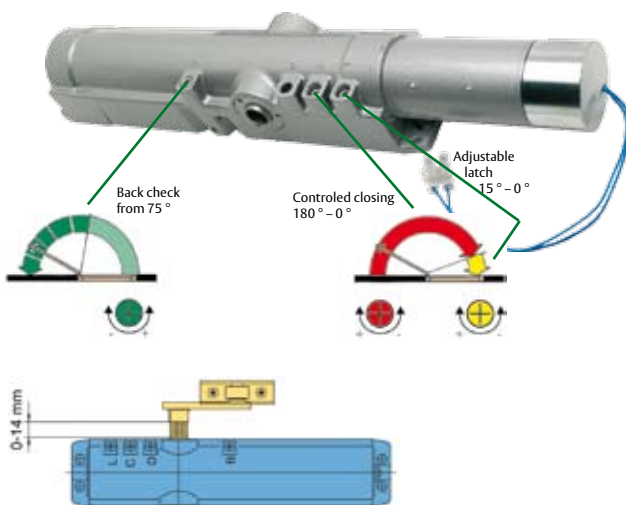


ASSA fire door closer manages the demands with in EN for most types of fire separating doors. Suitable for surveillance of one or several fire rated doors. These types of doors are common within hospitals, elderly care, kinder garten, hotels, public building and industrial buildings. ASSA fire door closer system guaranties an easy and useful system, for total security at fire for single or double door with mechanical coordinator.

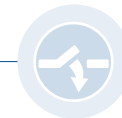
ASSA FD30 with built-in electro hydraulic hold-open function in the door closer FD 3050, suites all types of fire doors when a secure and controled closing is demanded. Can be used with standard arm or slide arm. With free swing arm ASSA D3050 the doors will stay freely moving when opening. At fire or power failure the door will be securely closed.

#### Features

- Electro hydraulic door closer with magnet hold-open function
- Adjustable spring power 2-6 EN
- Possible to mount on door leaf or frame
- Adjustable closing- and latch effect with vale
- Axel adjustable 14 mm in height
- Back check adjustable from 75
- Free swing arm: standard- and slide arm
- Power 24 V DC
- Magnet hold-open angle 70°-180°.
- Dimensions: length 395 mm, height 68 mm, depth 62 mm



The height position of the arm can be adjusted 14 mm by lifting the axel in a vertical direction.



#### Accessories

##### FD3050BC

Door closer body, size 2 – 6 adjustable  
 Frame width with standard arm 1400 mm, sliding arm 1100 mm.  
 Closing and latching force can be adjusted with valves.  
 Back check (BC) adjustable with valves.  
 Adjustable arm height 14 mm.  
 Include mounting plate.  
 Art.nr. FD3050 818701

##### D3010 / D3013 / D3014

Standard arm:

D3010 frame depth 0-100 mm

Extended standard arm:

D3013 frame depth 100-200 mm

D3014 frame depth 0-70 mm

Art.nr D3010 812321

Art.nr D3013 812323

Art.nr D3014 815405

##### D4020

Sliding arm used together with door closer body FD3050.

Art.nr D4020 815406

##### D3015 / D4021

Free swing arm, D3015 standard arm frame depth 0 – 100 mm.

Free swing arm, D4021 sliding arm.

Art.nr. D3015 818702

Art.nr. D4021 818703

##### Door cam ASSA 2010

For double door with door coordinator within a fire cell.

Mounted on upper half of passive leaf. When exiting through passive door leaf the door cam will set the active door in motion, this to secure the function of the door coordinator.

##### Door coordinator ASSA 2000

For coordination of double door within a fire cell.

Mounted in the frames upper half on closing side.

ASSA 2000 K for double doors up to 2000 mm wide.

ASSA 2000 L for double doors above 2000 mm wide.



FD3050BC



D3010



D3014



D3012



D4020



D3015



D4021

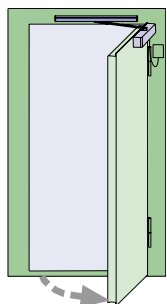


2010



2000





### FD3050

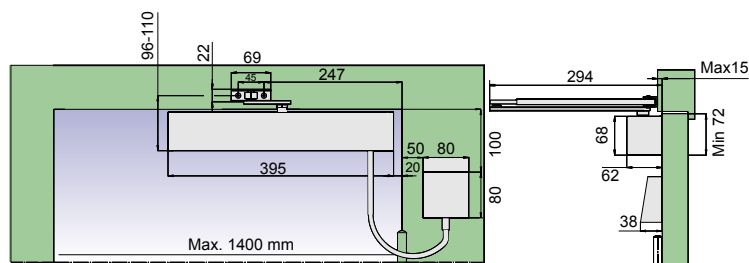
ASSA FD3050 with built-in electro hydraulic hold-open function in the door closer housing FD3050 can be used with standard arm or slide arm for a constant hold-open position between 70°-180°, or with a free swing function with standard arm or slide arm with a hold-open position between 70°-180°.

ASSA FD3050 can be mounted on both door leaf and frame. Fits both right and

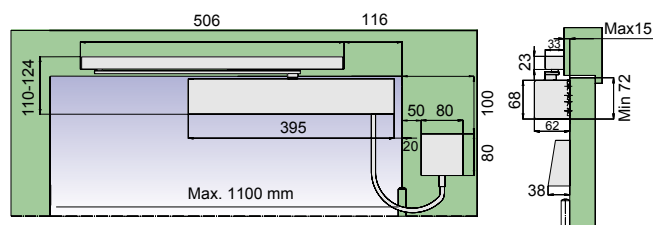
### Mounting on Opening Side

ASSA FD3050 door closer house with standard arm D3010 for constant hold-open function, hold-open angle 70°-180°.

FD 3050 door closer house with standard arm D3015 for free swing function, hold-open angle 70°-180°.



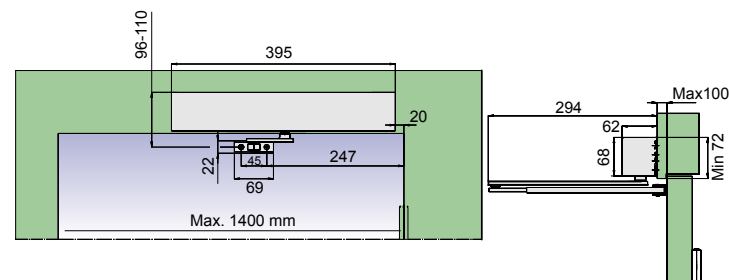
FD3050 door closer house and slide arm D4020 for constant hold-open function, Hold-open angle 70°-180°.  
FD3050 door closer house with slide arm D4021 for free swing function, hold-open angle 70°-180°.



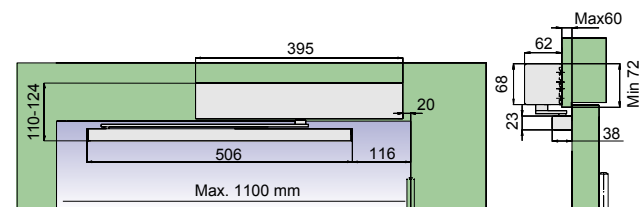
### Mounting on Closing Side

ASSA FD3050 door closer house with standard arm D3010 for constant hold-open function, hold-open angle 70°-180°.

FD 3050 door closer house with standard arm D3015 for free swing function, hold-open angle 70°-80°.



FD3050 door closer house and slide arm D4020 for constant hold-open function, Hold-open angle 70°-120°.  
FD3050 door closer house with slide arm D4021 for free swing function, hold-open angle 70°-120°.





### ASSA FD40 Door Closer for Fire- and Smoke Separating Doors

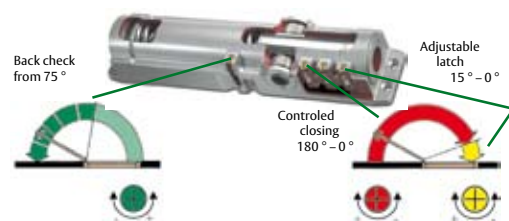
#### Application

ASSA fire door closers meet the requirements for most types of fire doors. They are well-suited for controlling one or more fire-rated doors e.g. in hospitals, apartment buildings for the elderly, day-care centres, hotels, public areas and industrial complexes. Fire doors in a building with fire cells must function if a fire breaks out to facilitate for both emergency exiting and for fire department. Areas that require doors with hold-open device should have some kind of electromechanical hold-open function combined with smoke detectors and/or be connected to an automatic fire alarm. In the case of fire or smoke development, a smoke detector and/or fire alarm the control unit will release the electromechanical hold-open device. The door closer is activated and closes the door or doors in correct order with a coordinator.

#### Features

- Door closer body is made of cast aluminium
- Removable body cover in several colours: silver, white, gold and brown  
Finishes available on request: NCS, RAL, stainless, brass and chrome
- Adjustable closing force
- Available with standard sliding arm and hold-open device for sliding arm
- Concealed fitting
- Temperature compensated valves between -25° - +45°
- Approved for fire doors TG-0103/00
- EN 1154, 1155 och 1158

#### Adjusting latching and closing speed, delayed closing and back check



Hold-open magnets are recommended in extra large and heavy doors over 1250 mm or doors where the hold-open angle must be over 130°.

Sliding arm	Door width	Hold open angle Opening side	Closing side	Opening angle Opening- Closing side	Min. door leaf width, passive door Opening side	Closing side
FD4050	max. 1250 mm	80-130°	80-120°			
FD4051	1250-2500 mm			Max. 170°-120°	min 350 mm	min 400 mm
FD4052	1250-2500 mm	80-130°	80-120°		min 350 mm	min 400 mm
FD4053	1250-2500 mm	80-130°	80-120°		min 350 mm	min 400 mm
FD4054	1250-2500 mm	80-130°	80-120°		min 350 mm	min 400 mm

#### Accessories

##### D4002 BC

Door closer body, size 1 - 6 EN adjustable. Door width 1400 mm.  
Latching and closing speed and back check (BC) is adjustable with valves.  
Art.nr 815407

##### D3030 / D3032

Mounting plate D3030, can be used for a narrow frame or rebated door leaf.  
Mounting plate Universal D3032 can be used where a door closer has been mounted.  
Art.nr D3030 812376 / Art.nr D3032 812379

##### FD4050

Sliding arm with electromechanical hold-open function for single doors.  
Hold-open angle 80° - 130°.  
Art.nr 815410

##### ASSA FD4051

Sliding arm ASSA FD4051 with built-in door coordinator for double door. Suits both right and left doors. FD4051: Sliding arms are mounted in the frame on opening side. Opening angle is up to 170° depending on the door construction.  
Door width 1250-2500 mm. FD4051: Sliding arm is mounted in the door frame on closing side. Opening angle is up to ca 120° depending on the door construction. Door width 1350 - 2500 mm.

##### ASSA FD4052

Sliding arm ASSA FD4052 with electromechanical hold-open function for the active door leaf. The passive door leaf is opened manually. Suits both right and left hand doors. FD4052: Opening angle between 80° - 130°. Sliding arms are mounted on opening side. Door width 1250-2500 mm.  
FD4052: Sliding arm is mounted in the door frame on closing side. Opening angle is up to ca 120° depending on the door construction. Door width 1350 - 2500 mm.

##### ASSA FD4053

Sliding arm ASSA FD4053 with electromechanical hold-open function for the active and passive door leaf. Suits both right and left hand doors. FD4053: opening angle 80° - 130°. Sliding arms are mounted on opening side. Door width 1250-2500 mm. FD4053: Sliding arm is mounted in the door frame on closing side. Opening angle is up to ca 120° depending on the door construction. Door width 1350 - 2500 mm.

##### ASSA FD4054

Sliding arm ASSA FD4054 with electromechanical hold-open function for the passive door leaf. The active door leaf is opened manually. Suits both right and left hand doors.  
FD4054: Sliding arms are mounted on opening side. Opening angle 80° - 130°. Door width 1250-2500 mm. FD4054: Sliding arm is mounted in the door frame on closing side. Opening angle is up to ca 120° depending on the door construction. Door width 1350 - 2500 mm.

##### FD4048 / 4049

The mounting plates are used for assembly on the closing side in combination with sliding arms FD4051 - 4054, when the frame is deeper than 30mm.  
Mounting plate FD4048 for mounting of the sliding arms and FD4049 to cover the space between the mounted FD4048 plates. FD4049 is adjusted to fit the door width.





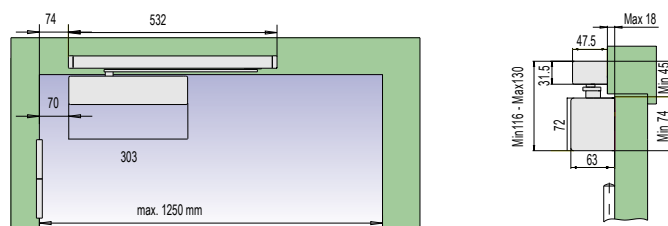
ASSA sliding arm with electromechanical hold-open function is used together with ASSA door closer D40-series. Adjustable opening angle between 80 - 130 degrees. Automatically closes when releasing the electro mechanical hold open device by interrupting the power supply.

Closing can be controlled by for instance external smoke detectors or similar devices. When manually closing the door it is recommended that a separate release switch is used.

The sliding arm is mounted on the frame of either the closing or the opening side.

Suitable for both right or left handed doors.

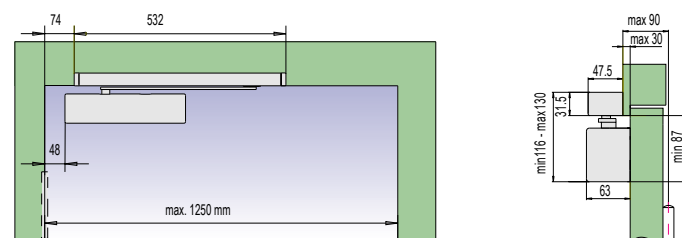
## Mounting on Opening Side



ASSA D40 / FD4050

Door closer ASSA D4002 with sliding arm FD4050

## Mounting on Closing Side



ASSA D40 / FD4050

Door closer ASSA D4002 with sliding arm FD4050



ASSA sliding arm with electro mechanical hold open function and integrated door coordinator used with ASSA D40 door closer. Adjustable opening angle between 80-130 degrees. Automatically closes when releasing the electro mechanical hold open device by interrupting the power supply.

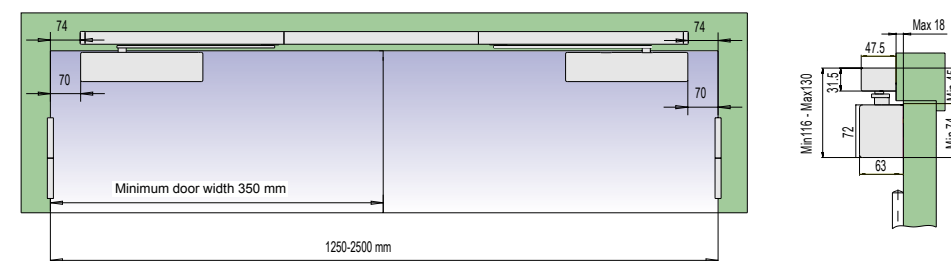
Closing can be controlled by for instance external smoke detectors or similar devices. When manually closing the door it is recommended that a separate release switch is used.

Each door half can individually be set in open position, depending on which sliding arm is used. The door coordinator ensures that the respective door sides are closing in the correct order.

The sliding arm is mounted on the frame of either the closing or the opening side.

Suitable for both right or left handed doors.

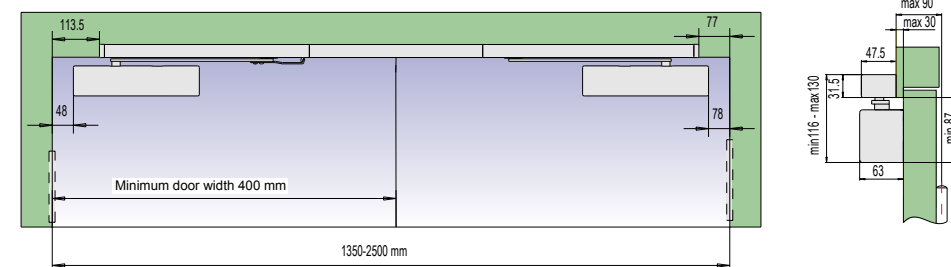
## Mounting on Opening Side



ASSA D40 / FD4051-4054

Door closer ASSA D4002 with sliding arm FD4051-4054

## Mounting on Closing Side

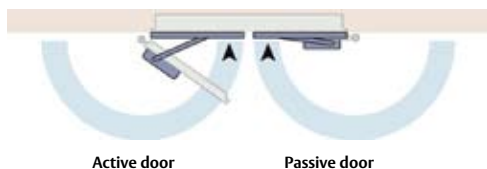


ASSA D40 / FD4051-4054

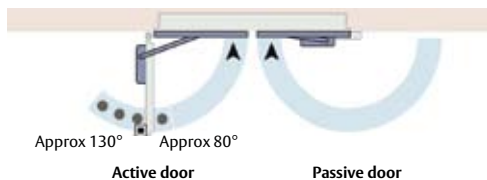
Door closer ASSA D4002 with sliding arm FD4051-4054



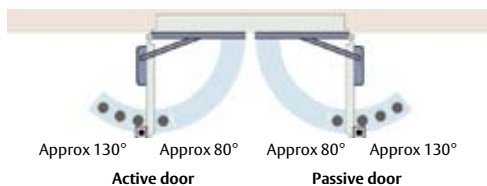
## Technical Information for Mounting on Opening Side ASSA FD4051 / FD4052 / FD4053 / FD4054



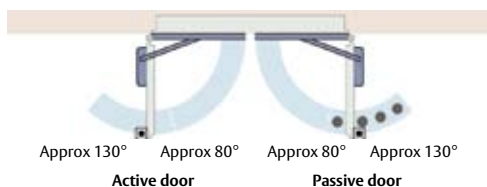
- FD4051**
- Sliding arm ASSA FD4051 är with built-in door coordinator for double door
  - The sliding arms is mounted in the frame on opening side
  - Suits both right and left doors
  - Opening angle is up to 170° depending on the door construction
  - Door width 1250-2500 mm



- FD4052**
- Sliding arm with electromechanical hold-open function in the active doors
  - The passive door leaf is opened manually
  - Electromechanical opening angle 80° – 130°
  - Sliding arms are mounted on opening side
  - Suits both right and left doors
  - Door width 1250-2500 mm



- FD4053**
- Sliding arm ASSA FD4053 with electromechanical hold-open function for the active and passive door leaf
  - Electromechanical opening angle 80° – 130°
  - Sliding arms are mounted on opening side
  - Suits both right and left doors
  - Door width 1250 – 2500 mm

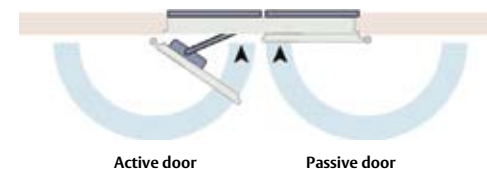


- FD4054**
- Sliding arm ASSA FD4054 with electromechanical hold-open function for the passive door leaf
  - The active door leaf is opened manually
  - Electromechanical opening angle 80° – 130°
  - Sliding arms are mounted on opening side
  - Suits both right and left doors
  - Door width 1250 – 2500 mm

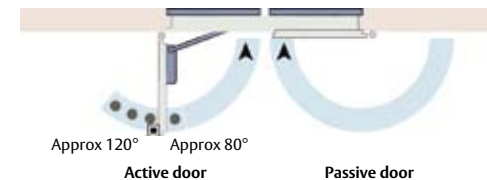
Technical data	FD4050	FD4051	FD4052	FD4053	FD4054
Nominal voltage 24 VDC	x		x	x	x
Current consumption 60 mA	x		x		x
Current consumption 120 mA				x	
Integrated mechanical door coordinator		x	x	x	x



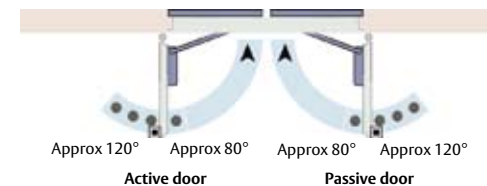
## Technical Information for Mounting on Closing Side ASSA FD4051 / FD4052 / FD4053 / FD4054



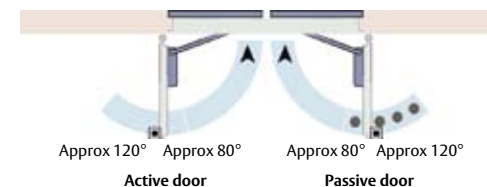
- FD4051**
- Sliding arm ASSA FD4051 incorporates a built-in door coordinator for double doors
  - The sliding arm is mounted in the door frame on closing side
  - Suits both right and left hand doors
  - Opening angle is up to ca 120° depending on the construction of the door
  - Door width 1350 – 2500 mm



- FD4052**
- Sliding arm ASSA FD4052 with electromechanical hold-open function for the active door leaf
  - The passive door leaf is opened manually
  - Electromechanical opening angle is 80° – 120°
  - Sliding arm is mounted in the frame on the closing side
  - Suits both right and left hand doors
  - Door width 1350 – 2500 mm



- FD4053**
- Sliding arm ASSA FD4053 with electromechanical hold-open function for the active and passive door leaf
  - Electromechanical opening angle is 80° – 120°
  - Sliding arms are mounted on closing side
  - Suits both right and left hand doors
  - Door width 1350 – 2500 mm



- FD4054**
- Sliding arm ASSA FD4054 with electromechanical hold-open function for the passive door leaf
  - The active door leaf is opened manually
  - Electromechanical opening angle is 80° – 120°
  - Sliding arm is mounted in the frame on the closing side
  - Suits both right and left hand doors
  - Door width 1350 – 2500 mm

Technical data	FD4050	FD4051	FD4052	FD4053	FD4054
Nominal voltage 24 VDC	x		x	x	x
Current consumption 60 mA	x		x		x
Current consumption 120 mA				x	
Integrated mechanical door coordinator		x	x	x	x



## ASSA D752 / D755

### Application

ASSA floor springs are suitable for perimeter and interior doors.

### Features

- Adjustable spring force 1 - 5 EN1154
- Closing and latching force can be adjusted with valves
- Max. door width 1400 mm
- Max. opening angle is 180°
- D752 without hold open function
- D755 has hold open function 90°
- Width 345 mm, height 78 mm, dept 82 mm

### Function

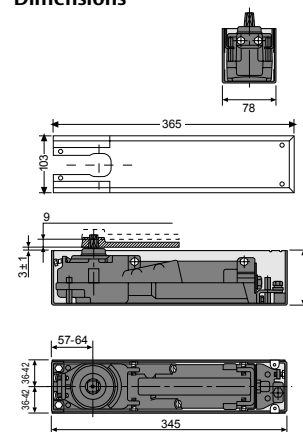
Adjustable closing force  
Adjustable latching force

### Accessories

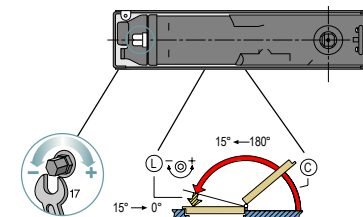
D701  
D702



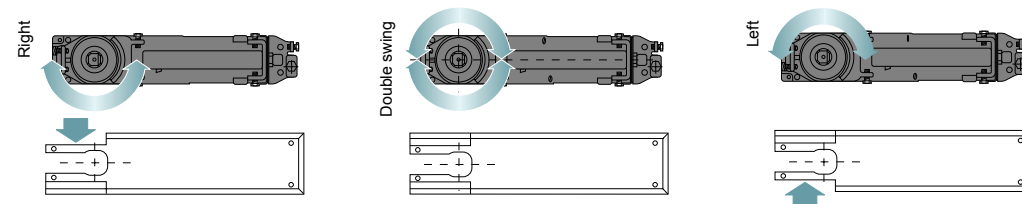
### Dimensions



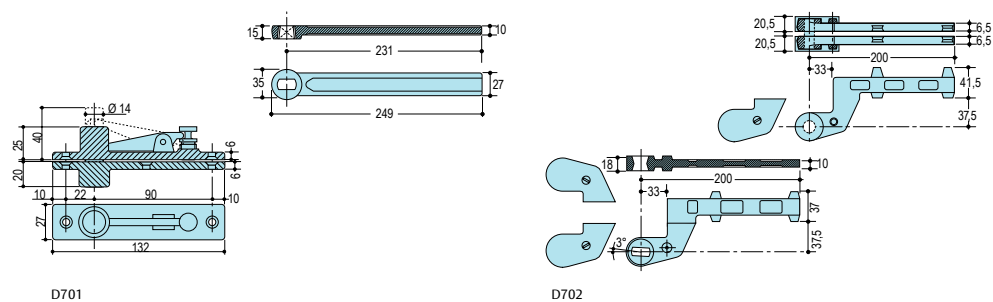
### Adjustment of Spring Force and Closing Power



### Installation



### Accessories for D752 / D755





### Door Closing Device

#### ASSA 1200

##### Application

For doors in schools, hospitals, hotels, offices and public buildings.

##### Features

- For installation with catch hook 801, 804 and 806
- Finish: nickel plated. Also available in white or stainless steel finish
- Holding power 40 N standard
- Can be used in combination with door closer

##### Function

- Closes the door softly and effectively
- Adjustable closing speed with valve screw
- Keep the door in closed position even without locks

#### ASSA 1500

##### Application

For doors in schools, hospitals, hotels, offices and public buildings.

##### Features

- Used together with catch hook 801, 804 and 806
- Finish: nickel plated. Also available in white or stainless steel finish
- Holding power 60 N standard
- ASSA 1500 is approved for fire doors E30 och E130 together with door closer without locks

##### Function

- Closes the door softly and effectively
- Adjustable closing speed with valve screw
- Keep the door in closed position even without locks

#### ASSA 3000

##### Application

For elevator doors.

##### Features

- The catch hook is built-in in the door frame by the door manufacturer
- Finish: grey lacquered
- Holding power 40 N

##### Function

- Closes the door softly and effectively
- Adjustable closing speed with valve screw



### Accessories for ASSA 1200 and ASSA 1500

#### Catch Hook 801

##### Application

For horizontally mounted door closing devices.



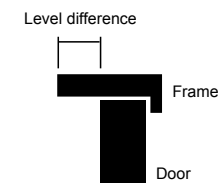
#### Catch Hook 804

##### Application

Designed for mounting when the frame depth exceeds the door leaf depth.

Level difference 3-18 mm = with distance.

Level difference 18-28 mm = without distance.



#### Catch Hook 806

##### Application

Designed for plan mounting and for door frame up to 3 mm.



#### Angle Plate 802

##### Application

For horizontal mounting on the frame side.



# HINGES

---

ASSA offers a comprehensive range of hinges meeting all requirements, from the simplest case to the most demanding security door.

ASSA hinges are available with a number of security enhancing functions, e.g. security pins that make it impossible to lift the door off.

Together we can even develop hinges to meet your or your company's specific requirements for design and construction.

### Right Hand Door, Left Hand Door

Look at the door/window at the hinge side to determine whether it is right or left handed.  
If the hinges are on the right, it is a right hand door/window.  
If the hinges are on the left, it is a left hand door/window.

Traditional style:  
Hinges with welded knobs on hinge pins in traditional style.

**Security pins:**  
Hardened steel pins that prevent forced entry on the hinge side of the door.

**Centre line**  
When the hinge positioning has been determined, the position for preparations in the door (window, hatch etc.) can be defined. After spring width S has been added, the preparation in the frame (cabinet frame etc.) can be determined.

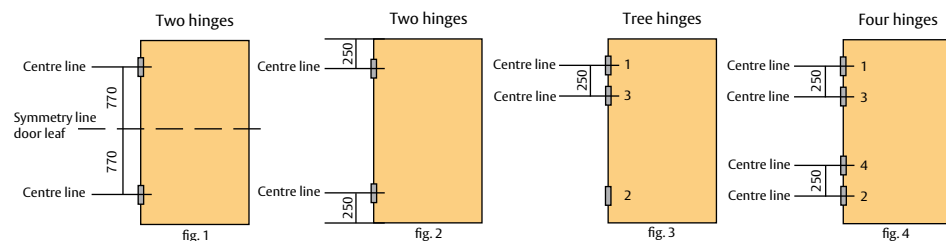
Automatically closing doors  
Positioning in vertical direction, see Doors below.  
Spring hinges 2220, 2228, and 2248 are positioned in the centre of the door.

French doors  
Journal-supported hinges and coupling hinges are mounted 150 mm from the corner of the frame. The third hinge is placed in between the other two hinges. When four are hinges are fitted, the fourth one is positioned 150 mm below the top hinge. The dimensions are measured to hinge centre line.

**Windows**  
Journal-supported hinges and coupling hinges are mounted 150 mm from the corner of the frame. The third hinge is placed in between the two other ones. The dimensions are measured to hinge centre line.

## Doors

Door hinges is positioning, see fig. 1-4.  
Hinges 1 and 2 is positioning, see fig. 1 and 2.  
Doors with height 21M (door leaf 2040 mm).  
Doors with other height then 21M (door leaf 2040 mm).



### Grades/Dimensioning

**Classification of Hinges**  
In accordance with standard EN 1935. Hinges can be classified depending on their strength and durability.

Windows, 3-glazed  
For number of hinges, please see diagram 4. Height and width refer to external frame dimensions for single-light windows. 1 M = 100 mm.

**Hinge types**  
For outward opening windows, use journal-supported hinges 1228 or coupling hinges 1206-65 or 1205.  
For increased protection against forced entry, use journal-supported hinges 3220. For inward opening windows, use journal-supported hinges 1223-100-1 and coupling hinges 1206-65 or 1205.

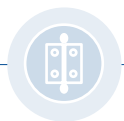
Windows, 2-glazed  
Please refer to diagram 5 for number of hinges per frame. Height and width refer to external frame dimensions for single-light windows. 1 M = 100 mm.

**Hinge types**  
For outward opening windows, use journal-supported hinges 1222, 1228, 1212 and coupling hinges 1201, 1207-65 or 211.

For increased protection against forced entry, use journal-supported hinges 3220. For inward opening windows, use journal-supported hinges 1223-85, 1223-100 and coupling hinges 1201 or 211.

GRADING TABLE FOR LIFT-OFF HINGES	
Hinge type	EN 1935
1212	5
1222	5
1228	8
1223-85	5
1223-100	8
2418	7
2472	9
2465	4
2010	10



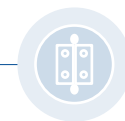


## Grades/Dimensioning

GRADING TABLE FOR JOURNAL-SUPPORTED HINGES	
Hinge type	EN 1935
3012	14
3210	11
3211	13
3212	11
3213	13
3220	11
3225	13
3228	13
3229	13
3232	13
3244	13
3248	13
3278	14
3288	14
3240, 3241*	13
*N.B. Together with door leaf 3228, 3229 3244 or 3248	

Height	16M	15M	14M	13M	12M	11M	10M	9M	8M	7M	6M	5M	4M
16M	3	3	3	3	3	3	3	3	3	3	3	3	3
15M	3	3	3	3	3	3	3	3	3	3	3	3	3
14M	3	3	3	3	3	3	3	3	3	3	3	3	3
13M	3	3	3	3	3	3	3	3	3	3	3	3	3
12M	3	3	3	3	3	3	3	3	3	3	3	3	3
11M	2	2	2	2	3	3	3	3	3	3	3	3	3
10M	2	2	2	2	2	3	3	3	3	3	3	3	3
9M	2	2	2	2	2	2	3	3	3	3	3	3	3
8M	2	2	2	2	2	2	2	3	3	3	3	3	3
7M	2	2	2	2	2	2	2	3	3	3	3	3	3
6M	2	2	2	2	2	2	2	3	3	3	3	3	3
5M	2	2	2	2	2	2	2	3	3	3	3	3	3
4M	2	2	2	2	2	2	2	3	3	3	3	3	3
Width	5M	6M	7M	8M	9M	10M	11M	12M	13M	14M			

Height	19m	18m	17m	16m	15m	14m	13m	12m	11m	10m	9m	8m	7m	6m	5m	4m
19m	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18m	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17m	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16m	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15m	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
14m	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
13m	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
12m	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
11m	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
10m	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
9m	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
8m	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
7m	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
6m	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
5m	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
4m	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
	4M	5M	6M	7M	8M	9M	10M	11M	12M	13M	14M	15M	16M	17M		



## Selection &amp; Dimensioning

## Door with spring hinges

When you have determined the weight and width of the door, please see diagram 3 for recommended size and the number of hinges.

## French doors

For number of hinges, please see the diagram.

Height and width refer to external frame dimensions.

1 M = 100 mm.

The number of coupling hinges is always 3.

## Hinge types

French doors in ground floor.

For outward opening French doors, use journal-supported hinges 3228, 3244 or 3248.

For inward opening French doors, use journal-supported hinges 3229.

For coupled French doors, use coupling hinges 1205.

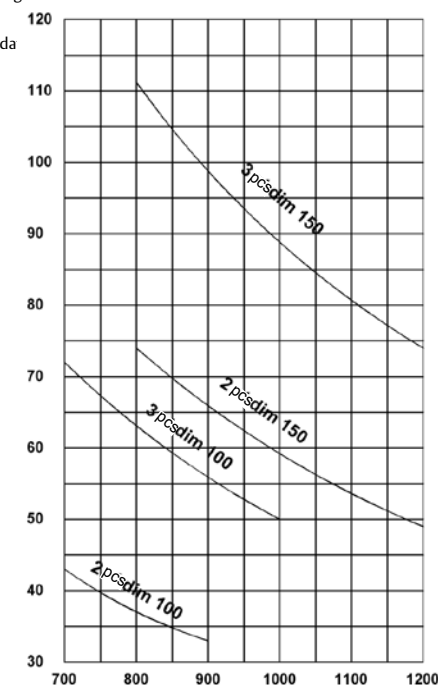
French doors above ground floor

For outward opening French doors, use journal-supported hinges 3220.

For inward opening French doors, use journal-supported hinges 3229.

For journal-supported hinges according to this recommendation number of hinges is indicated in brackets in diagram 3.

Height	22M	21M	20M	8M	9M	10M	Width
22M	3	3	3 (4)				
21M	3	3	3 (4)				
20M	3	3	3 (4)				
	8M	9M	10M				





## Selection & Dimensioning

Information below are general recommendations. Variations may occur due to the product which the hinges are used in, the environment etc.

### A.

Exterior doors, light-weight exterior doors institutional doors etc.

Unrebated doors: 3248, 3228, 3288, 3278

Rebated doors: 3229

### B.

Interior doors, light-weight interior doors institutional doors etc.

Unrebated doors: 3220, 2465, 2418

Rebated doors: 3229

### C.

Steel doors

3012, 3012-01

### D.

Garage doors

3278, 3288

### E.

Automatically closing doors

Two way swing doors: 280

One way swing doors: 279

Unrebated automatically closing doors: 2220, 2228, 2248

### F.

Outward opening French doors:

3228, 3244, 3248, 3210

Coupling hinges: 1206-65, 1206, 1207-65

### G.

Inward opening French doors: 3229

Coupling hinges: 1206-65

### H.

Outward opening windows

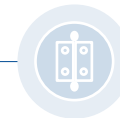
3-glazed: 1228, 3220

2-glazed: 1222, 1212

Coupling hinges:

3-glazed: 1206-65, 1205

2-glazed: 1201, 211, 1207-65



### I.

Inward opening windows

With weather seal: 1223-01-100

Without weather seal: 1223-100

Coupling hinges: 1201, 1206-65, 211, 1205

### J.

Butt hinges for hatches, cases, sherds, attics, collapsible tables, ladders etc.

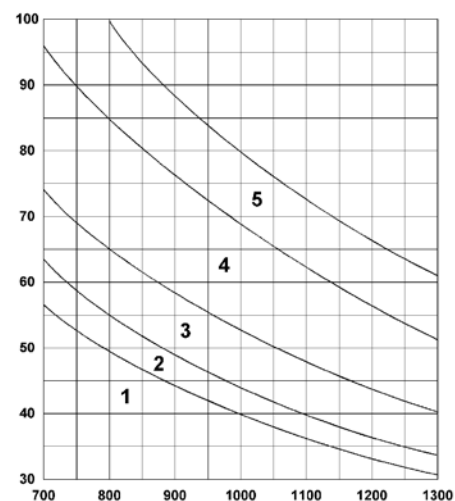
8, 10, 12, 14, 18, 5000, 5001, 5002

With knowledge of the door weight this should be cross-refermed with the width of the door out the graph below, to identify which hinges should be fitted.

Note that while it is common practice to fit two hinges to lightweight doors, ASSA

recommended that at least three hinges should always be fitted. This is especially important when a door closer is used.

The graph below can be used if positioning of the hinges are made after positioning on page 284.



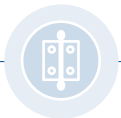
	Unrebated	Rebated
<b>Field</b>	1228, 2 pcs	1223-100, 3 pcs
<b>1</b>	2418, 2 pcs	
	3212, 2 pcs	
	3220, 2 pcs	

<b>Field</b>	1228, 3 pcs	3229, 2 pcs
<b>2</b>	2418, 3 pcs	
	3220, 3 pcs	
	3212, 3 pcs	
	K1227-110, 2 pcs	

<b>Field</b>	3210, 2 pcs	3229, 3 pcs
<b>3</b>	3211, 2 pcs	
	3225, 2 pcs	
	3228, 2 pcs	
	3232, 3 pcs	
	3244, 2 pcs	
	3248, 2 pcs	
	K1227-110, 3 pcs	

<b>Field</b>	3210, 3 pcs	3229, 4 pcs
<b>4</b>	3211, 3 pcs	
	3012, 2 pcs	
	3225, 3 pcs	
	3228, 3 pcs	
	3232, 4 pcs	
	3244, 3 pcs	
	3248, 3 pcs	
	3278, 2 pcs	
	3288, 2 pcs	

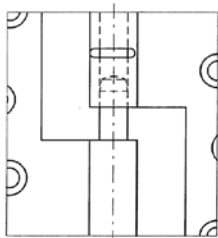
<b>Field</b>	3012, 3 pcs	
<b>5</b>	3210, 4 pcs	
	3211, 4 pcs	
	3225, 4 pcs	
	3228, 4 pcs	
	3248, 4 pcs	
	3278, 3 pcs	
	3288, 3 pcs	



## Adjustment

### Height adjustment

When height adjusting hinges, it is important to ensure that all hinges are supporting after the adjustment. Therefore, hinges with stepless height adjustment are recommended.



### Lift-off hinges, journal-supported

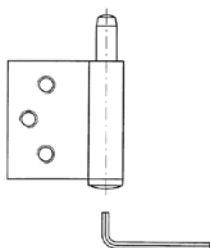
The height is adjusted by placing one or several adjustment discs 249 through the adjustment disc slot on the door leaf so that the disc(s) are placed between the pins in the knuckle. When doing this, the door must be lifted a few millimetres but is not to be lifted off.

### Lift-off hinges

The door is lifted off and a disc is placed over the hinge pin.

### Hinges with stepless height adjustment

These hinges incorporate a built-in adjustment screw in the hinge pin. The height can be adjusted steplessly with a 3 mm Allen key.



### Spring hinges 2220, 2228 and 2248

Since these hinges are not supporting they do not need height adjustment. When the belonging supporting hinge is adjusted within appropriate limits the spring hinge follows without influencing function.

### Horizontal adjustment

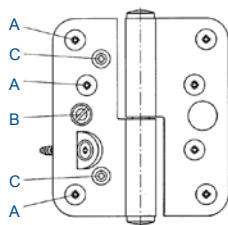
Horizontal adjustment may be necessary because the door/window touches the frame or the chink on the lock side is too wide.

These hinges can easily be adjusted horizontally with the adjustment screws. First loosen fixing screws A and security pin B a couple of turns. Adjust then the hinges by turning the adjustment screws C out or in. Tighten thereafter screws A and B.

Adjust both screws C equally so that the hinge is not askew.

### Adjustment of spring power

Spring hinges are adjusted with a pin supplied with the hinges. Place the pin in the knob hole and turn it so that the adjustment pin can be released. Turn the knob to increase or decrease the spring power. The adjustment pin is replaced in the adjustment knob.



## Maintenance

As all constructions including moving parts, hinges need some maintenance to function faultlessly over their entire life time. The amount of maintenance needed depends on e.g. opening frequency, strain and environment.

Maintenance consists of:

- overhaul
- cleaning
- lubrication

### Overhaul

Overhaul of hinges should be carried out frequently. The overhaul interval is determined by opening frequency and load.

You should control the following at least once a year:

- function
- need for lubrication
- possible loose screws

This can be carried out in connection with the overhaul and control of locks, door closer, weather seals, glass panes, putty and painting.

### Cleaning

As hinges are worn, a fine black dust is spread around the bearing. The dust also often settles on the frame and the door/window/hatch door. The best way to avoid the dust is to keep the hinges well-lubricated.

### Function

Hinges should function easily, be undamaged and securely fastened in both frame and door. The door should not touch frame or threshold when it is closed. Damaged or worn-out hinges should be replaced. Loose screws should be tightened. Loose hinges impair the door function, increase wear on the hinges and make break-in easier.

Screws in newly installed doors must always be tightened after a few months when the wood in the frame and the door has dried.

When necessary, the hinges are adjusted according to the instructions below. However, the reason for adjustment should be carefully analysed before the actual adjustment is carried out. Hinges often get the blame for a badly functioning door, when in fact the real reason is carelessly mounted frame or subsidence in the house.

It is useless for example to adjust the hinges of a heavy door if the frame is not mounted to the wall properly.

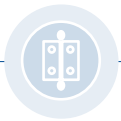
Before adjusting the hinges, check the following:

- Is the frame right by the plummet?
- Are the diagonal dimensions of the frame correct?
- Is the frame side straight in the rebate (does not bulge inwards or outwards)?
- Is the frame rebate width correct?
- Is the frame rebate width the same in different heights?
- Is frame side straight?
- Is the frame securely mounted in the wall?
- Is the wall stabile enough to hold the frame?
- Is the frame mounted so that it cannot warp?
- Are the hinges securely fastened in the frame and door?
- Is the door leaf straight and level?

Do not attempt to adjust the hinges if you cannot answer all the above questions in the affirmative.







## 3211-1

### Application

For unrebated doors and windows, slot-guided.  
Slot; door 17,3 mm, frame 12 mm.

### Material

- Yellow zinc-iron
- Pin of stainless steel

### Features

- Right or left handed
- Journal-supported
- With adjustment disc slot for easy height adjustment

### Accessories

Recommended screws: eight 4,5 x 30  
Adjustment discs 249

## 3212

### Application

For unrebated windows, slot-guided.  
Slot; door 17,3 mm, frame 12 mm.

### Material

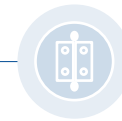
Yellow zinc-iron  
Pin of stainless steel

### Features

- Right or left handed
- Journal-supported
- With adjustment disc slot for easy height adjustment.

### Accessories

Recommended screws: eight 4,5 x 30  
Adjustment discs 249



## 3228, 3228-08

### Application

For unrebated doors, outward opening windows etc.

### Material

- Zinc coated steel. Black and yellow zinc-iron
- Hardened steel pins

### Features

- Version 3228-08, for security doors
- Right or left handed
- Also available in traditional style
- Journal-supported
- With adjustment disc slot for easy height adjustment
- Can be combined with 3240-01 or 3241-04, 05 on doors with steel frame

### Accessories

Recommended screws: eight TFX 5 x 30.

Can be complemented with frame-reinforcing mounting plate 248-28, fitting with machine screw. When using the mounting plate, four MFX 6 and two TFX 5 X 30 are recommended.

Adjustment discs 249.

Security pins 2301 for 3228-08.

## 3228-30

### Application

For unrebated doors, outward opening French doors etc.

### Material

Stainless steel, SS 2333

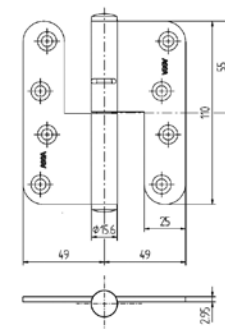
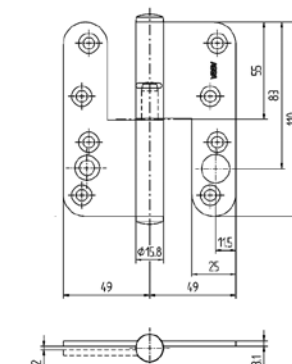
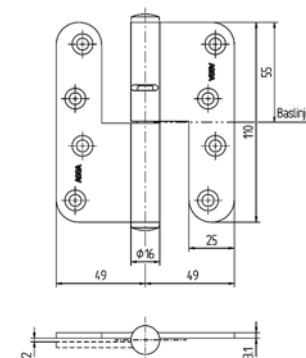
### Features

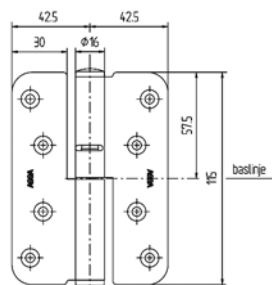
- Right or left handed
- Journal-supported
- With adjustment disc slot for easy height adjustment

### Accessories

Recommended screws: eight TFX 5 x 30 RF.

Adjustment disc 249.





## 3244

### Application

For unrebated doors etc.

### Material

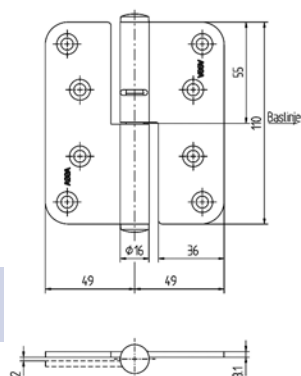
- Zinc coated steel. Black and yellow zinc-iron
- Hardened steel pins

### Features

- Right or left handed
- Also available in traditional style
- Half-symmetrical, journal-supported
- With adjustment disc slot for easy height adjustment
- Allows symmetrical mortise
- Can be combined with 3240-01 or 3241-04, 05 on doors with steel frame

### Accessories

Recommended screws: eight TFX 4,5 x 25.  
Adjustment discs 249.



## 3248

### Application

For unrebated doors, outward opening French doors etc.

### Material

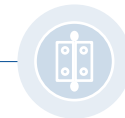
- Steel, zinc coated, black and yellow zinc-iron
- Hardened steel pins

### Features

- Right or left handed
- Also available in traditional style
- Half-symmetrical, journal-supported
- With adjustment disc slot for easy height adjustment
- Allows symmetrical mortise
- Can be combined with 3240-01 or 3241-04, 05 on doors with steel frame

### Accessories

Recommended screws: eight TFX 5 x 30.  
Can be complemented with frame-reinforcing mounting plate 248-48, fitting with machine screw. When using the mounting plate, four MFX 6 and two TFX 5 x 30 are recommended.  
Adjustment discs 249.



## 3229

### Application

For rebated doors etc.

### Material

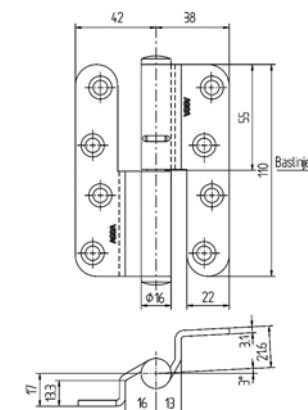
- Zinc coated steel.
- Hardened steel pins.

### Features

- Right or left handed.
- Journal-supported.
- With adjustment disc slot for easy height adjustment.
- Can be combined with 3240-01 or 3241-04, 05 for doors with steel frame.

### Accessories

Recommended screws: eight TFX 5 x 30.  
Can be complemented with frame-reinforcing mounting plate 248-28, fitting with machine screw. For fitting the mounting plate, four MFX 6 and two TFX 5 x 30 are recommended.  
Adjustment discs 249.



## 3232

### Application

For anti-squeeze unrebated doors in day-care centres, hospitals etc.

### Material

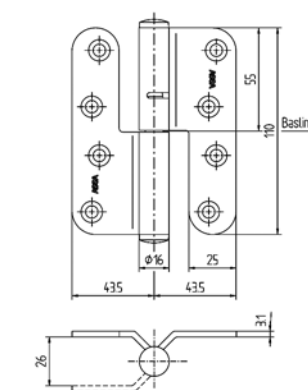
Zinc coated steel  
Hardened steel pins

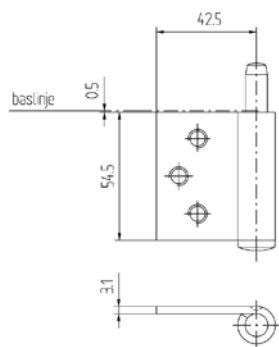
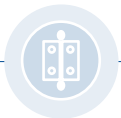
### Features

- Right or left handed
- Journal-supported
- With adjustment disc slot for easy height adjustment. 26 mm turning allowance accommodates an anti-squeeze rubber list
- Suits same preparation as 3228

### Accessories

Recommended screws: eight TFX 5 x 30.  
Can be complemented with frame-reinforcing mounting plate 248-28, fitting with machine screw. For fitting the mounting plate, four MFX 6 and two TFX 5 x 30 are recommended.  
Adjustment discs 249.





## 3240-01

### Application

For steel frames. For use together with door leaf of hinges 3228, 3229, 3244 or 3248.

### Material

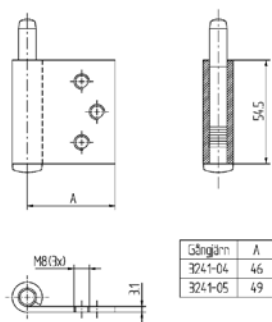
- Zinc coated steel
- Hardened steel pin

### Features

- Right or left handed
- Journal-supported frame leaf
- Stepless height adjustment

### Accessories

Recommended screws: three MFX 8 x 16.



## 3241-04, 3241-05

### Application

For steel frames. For use together with door leaf of hinges 3228, 3229, 3244 or 3248.

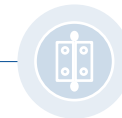
### Material

Zinc coated steel  
Hardened steel pins

### Features

- Right or left handed
- Journal-supported
- Leaf width 3241-04, 46 mm. 3241-05 49 mm
- Recommended screws three MFX 8x16

Gångläm	A
3241-04	46
3241-05	49



## 3225-04

### Application

For unrebated doors, outward opening French doors and windows etc. Security doors.

### Material

- Zinc coated steel
- Hardened steel pins

### Features

- Right or left handed
- Journal-supported
- With adjustment disc slot for easy height adjustment

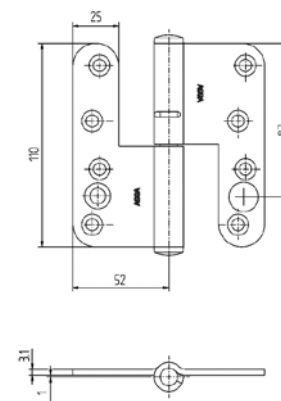
### Accessories

Recommended screws: eight TFX 5 x 30.

Can be complemented with frame-reinforcing mounting plate 248-28, fitting with machine screw. When fitting the mounting plate, four MFX 6 and two TFX 5 x 30 are recommended.

Adjustment discs 249.

Security pins 2301.



## K1227, Ball Bearings

### Application

For doors with special decorative demands.

### Material

Brass, polished or nickel-plated

### Features

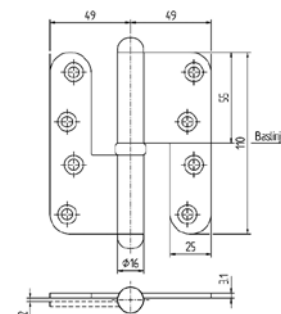
- Right or left handed
- With ball bearings

### Accessories

Recommended screws: eight TFX 5,5 x 30.

Can be complemented with frame-reinforcing mounting plate 248-28. In this case four screws MFX 6 and two wood screws according to above are recommended.

Spare ball bearings 540-9.25.







**ASSA<sup>®</sup>**  
**ASSA ABLOY**



## Application

For unrebated doors, outward opening French doors etc.

## Material

- Zinc coated steel
- Hardened steel pins

## Features

- Right or left handed
- Journal-supported
- With adjustment disc slot for easy height adjustment

## Accessories

Recommended screws: eight TFX 5 x 30.

Can be complemented with frame-reinforcing mounting plate 248-28, fitting with machine screw. For fitting the mounting plate, four MFX 6 x 30 and four TFX 5 x 30 are recommended.

Adjustment discs 249.



## Application

For unrebated doors, outward opening French doors etc.

## Material

- Zinc coated steel
- Hardened steel pins

## Features

- Right or left handed
- Half-symmetrical, journal-supported
- Allows symmetrical mortise
- With adjustment disc slot for easy height adjustment

## Accessories

Recommended screws: eight TFX 5 x 30.

Can be complemented with frame-reinforcing mounting plate 248-48, fitting with machine screw. For fitting the mounting plate, four MFX 6 and two TFX 5 x 30 are recommended.

Adjustment discs 249.



3288-09, 3288-10

## Application

For unrebutted doors, outward opening French doors etc. security doors.

## Material

- Zinc coated steel
- Hardened steel pins

## Features

- Right or left handed
- Half-symmetrical, journal-supported
- Allows symmetrical mortise
- With adjustment screw for easy stepless height adjustment
- With adjustment screws for adjusting the door horizontally
- Version 09 without deflection

## Accessories

Recommended screws: eight TFX 5 x 30.

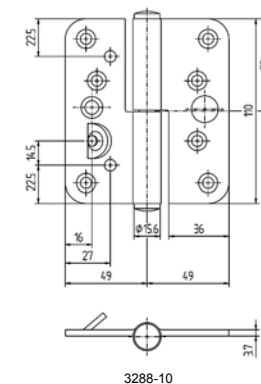
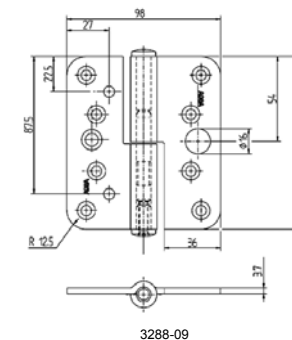
Security pins 2301.

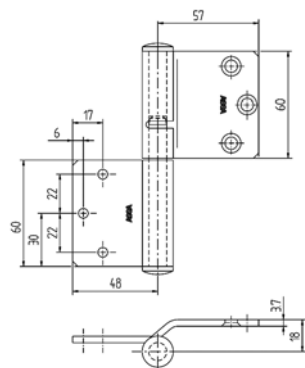
Horizontal adjustment screw 2302.

Mounting plate 248-48.

When fitting mounting plate 248-48, four MFX 6 and four

TFX 5 x 30 are recommended.





## 3012

### Application

For steel doors with steel frame.

### Material

Zinc coated steel

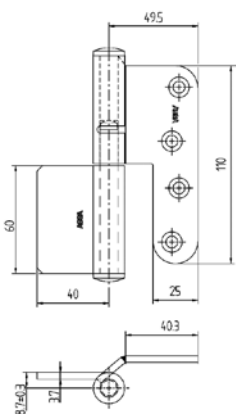
### Features

- Right or left handed
- Journal-supported
- With adjustment disc slot for easy height adjustment
- Slot hinge

### Application

Adjustment discs 249.

Screws depending on the frame design.



## 3012-01

### Application

For wooden doors with steel frame. For use with 3012 frame leaf.

### Material

Zinc coated steel

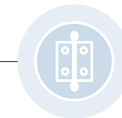
### Features

- Right or left handed
- Journal-supported
- With adjustment disc slot for easy height adjustment

### Accessories

Screws: four TFX 5 x 30

Adjustment disc 249.



## 8, 10, 12, 14, 18, 1218

### Application

Butt hinges for hatches, cases, sheds, attics, collapsible tables, ladders etc.

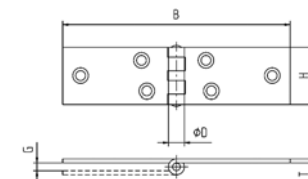
### Material

- Zinc coated steel
- Pin of brass
- 1218 non-surface finished

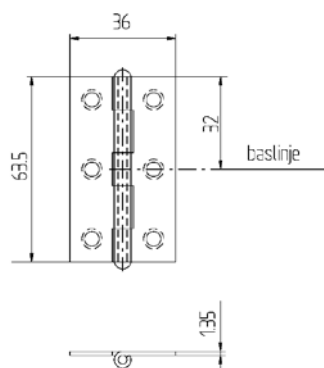
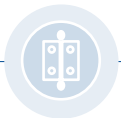
### Accessories

Recommended screws according to the table.

1218 is designed to be welded and does not have screw holes.



Ref. no	B (mm)	H (mm)	D (mm)	G (mm)	T (mm)	No. of screws	Dim. of screws
8-75	71	19	6,3	3,3	1,5	4	3,5x20
8-100	101	19	7,9	4	1,9	4	3,5x20
10-100	102	25,5	8,3	4	2,1	4	3,5x20
12-100	102	31,5	9,2	4,5	2,3	6	4x20
12-125	127	31,5	9,2	4,5	2,3	6	4x20
12-150	152	31,5	9,2	4,5	2,3	6	4x20
14-100	101	38	10,8	5,5	2,6	6	4,5x25
14-125	127	38	10,8	5,5	2,6	6	4,5x25
14-150	152	38	10,8	5,5	2,6	6	4,5x25
18-100	101	50,5	11,8	6,5	2,7	6	5x30
18-125	127	50,5	11,8	6,5	2,7	6	5x30
18-150	152	50,5	11,8	6,5	2,7	6	5x30
18-200	203	50,5	11,8	6,5	2,7	6	5x30
18-250	246	50,5	13,5	7	3,25	8	5x30
18-300	50,5	50,5	13,5	7	3,25	8	5x30



## 211-65

### Application

Coupling hinges for windows.

### Material

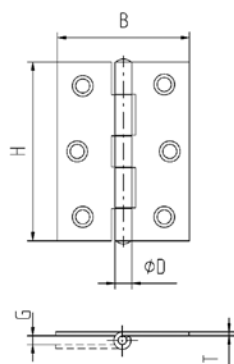
- Zinc coated steel
- Pin of brass

### Features

- Both halves countersunk on the rear

### Accessories

Recommended screws: six TFX 3 x 20.



## 5000, 5001, 5002

### Application

Butt hinges for furniture, hatches, cases etc.

### Material

- Zinc coated steel
- Pin of brass

### Accessories

Recommended screw according to the table below.

Ref.no	B (mm)	H (mm)	D (mm)	G (mm)	T (mm)	No. of screws	Dim. of screws
5000-50	50,5	31	5,5	3	1,25	6	3×20
5000-65	63,5	37	6	3,3	1,35	6	3×20
5001-50	50,5	40	5,5	3	1,25	6	3×20
5001-65	63,5	48	6	3,3	1,35	6	3×20
5002-50	50,5	48	5,5	3	1,25	6	3×20
5002-65	63,5	62,5	6	3,3	1,35	6	3×20



## 1201, 1205, 1206

### Application

Coupling hinges for windows and French doors. Journal-supported hinges for lighter hatches etc.

### Material

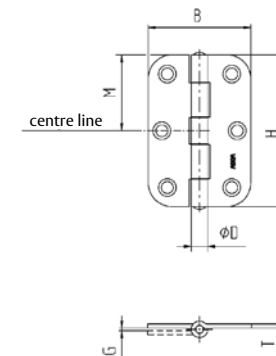
- Zinc coated steel
- Pin of brass

### Features

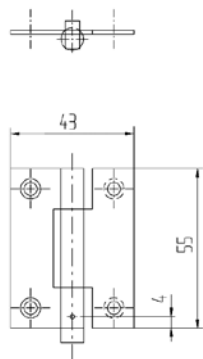
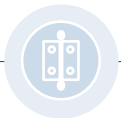
- 1205, one half countersunk on the rear

### Accessories

According to the table.



Ref. no	H (mm)	B (mm)	D (mm)	G (mm)	M (mm)	Tool Ø	T (mm)	No. of screws	Dim. of screws
1201-65	63,5	36	6	0,7	32	20	1,35	6	3×20
1205	63,5	44	7	-	32	20	1,6	6	3,5×25
1206-65	63,5	44	7	1,2	32	26	1,6	6	3,5×25
1206-75	76	50	8	1,4	38		1,7	6	3,5×25



### 3881

#### Application

Coupling hardware for windows.

#### Features

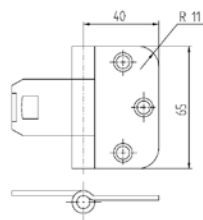
- Right and left handed

#### Material

- Zinc coated steel
- Pin of plastic

#### Accessories

Screw 3,5 mm zinc coated



## Hinges for Light-weight Interior Doors

### 2465

#### Application

For light-weight interior doors.

#### Features

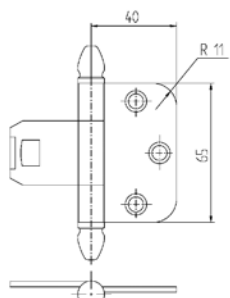
- Snap-In function
- Symmetrical right/left
- Also available in traditional style

#### Material

Frame leaf of steel, lacquered bronze or white

#### Accessories

Recommended screws: three TFX 5 x 25.



Antic style

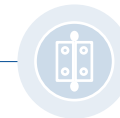
### 2010

The new frame leaf 2010 is equipped with a composite bearing hinge pin for a quiet and easily swinging door. The new bearing reduces wear and makes the frame leaf more precise, resulting with less sagging of the door. In addition, the hinges do not produce black dust.

ASSA Snap-In 2010 series is available in colours white, silver and gold. Bronze is available on request. Suits also door leafs for ASSA 2465.

#### Variant

- Traditional style
- Approved for B 30 doors together with ASSA 2465 Fire



### 3886, 3887

#### Application

Coupling hardware for windows.

#### Features

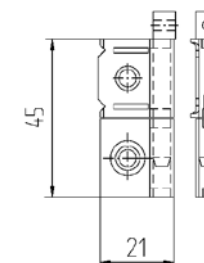
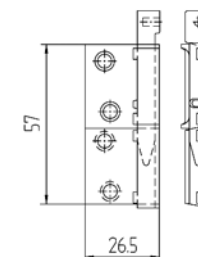
- Right and left

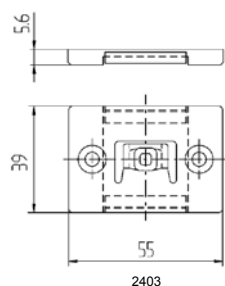
#### Material

- Zinc coated steel
- Pin of plastic

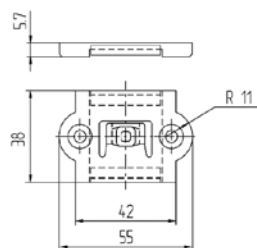
#### Accessories

Screw 3,5 mm zinc coated.

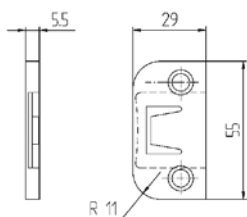




2403



2434



R 11

## 2403, 2434, 2465

### Application

Door leaf for use together with frame leaf 2465.

### Features

- Mortise dimensions depending on the type
- For door thickness 38 mm or 39 mm

### Material

Nylon, bronze or white lacquered

### Accessories

Recommended screws: two TFX 5 x 25.

## 2465 Fire

### Application

Door leaf for use together with frame leaf 2465.

### Features

- For fire doors

### Material

Steel, bronze or white lacquered

### Accessories

Recommended screws: two TFX 5 x 25.

## 2439, 2441, 2459

### Application

Door leaf for use together with frame leaf 2465.

### Features

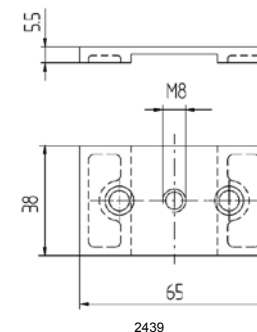
- Different mortise dimensions depending on the type
- For door thickness 38 mm or 39 mm

### Material

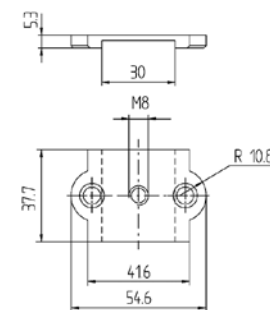
Zink, bronze or white lacquered

### Accessories

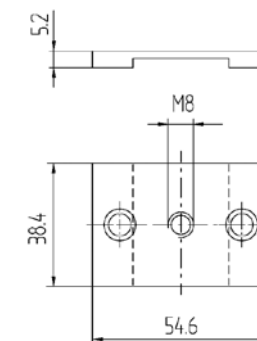
Recommended screws: two TFX 5 x 25.



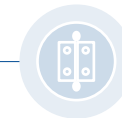
2439

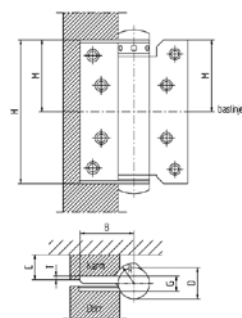
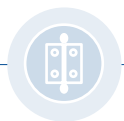


2441

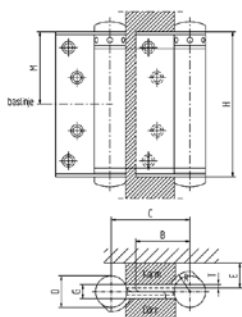


2459





279



280

## 279, 280

### Application

For one- and two-way swing doors.  
279 for automatically closing single-action doors.  
280 for swing doors.

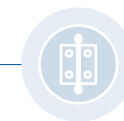
### Material

Steel, zinc coated or nickel-plated

### Features

- 279, one-way spring function, supported
- 280, two-way spring function, supported
- Adjustable spring power, regardless of right or left handedness
- Adjustable closing force

Ref. no	H (mm)	B (mm)	C (mm)	D (mm)	E (mm)	M (mm)	G (mm)	R (mm)	T (mm)	No. of screws	Dim. of screws	Max. door thickness*
279-100	101	38	-	22	15	50,5	9	14	4	8	4x25	-
279-150	152	48	-	28	20	76	9	18	4	10	5x30	-
280-75	76	33	48	22	15	38	9	13,5	4	8	4x25	25
280-100	101	38	54,5	22	15	50,5	11	14	5	8	4x25	30
280-150	152	48	73,5	28	20	76	11	18	5	10	5x30	42



## 2220, 2228, 2248

### Application

For unrebated automatically closing doors.  
2220 for lighter doors.

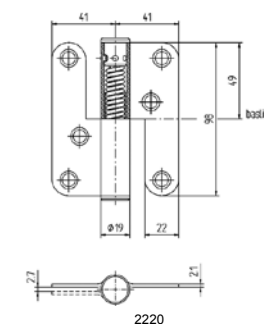
### Material

Zinc coated steel

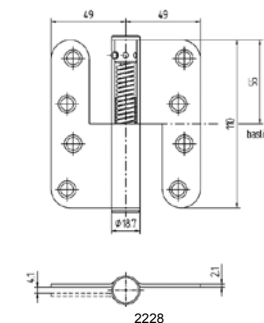
### Features

- One-way, non-supported
- Right or left handed
- Adjustable spring power
- Adjustable closing force
- For closing function only use:
  - 2220 together with journal-supported hinges 3220
  - 2228 together with journal-supported hinges 3228 or 3278
  - 2248 together with journal-supported hinges 3248 or 3288

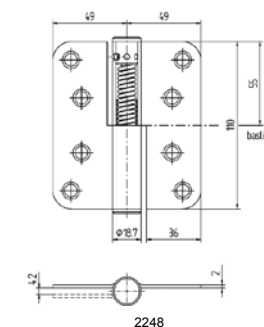
The hinges have the same fitting dimensions and can therefore be combined.  
The depth of the mortise is the same as for supported hinges. The hinges can be lifted off after the spring power has been released.



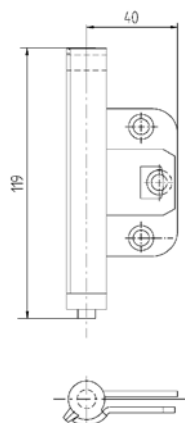
2220



2228



2248



## 2466

### Application

For single-action swing doors.  
Together with hinges 2465.

### Material

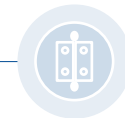
Steel, lacquered

### Features

Single-action with adjustable spring power

### Accessories

Mounting plates. See symmetrical hinges.



## 248

### Application

Mounting plate for hinges in heavier doors. Frame-reinforcing for security doors.

### Material

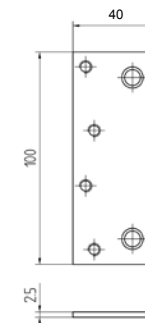
Steel

### Features

- Right or left handed
- Hinges are fixed to the mounting plate with machine screw M 6
- Four MFX 6 x 30 are used for frame
- Mounting on the outside of the frame
- 248-28 for hinges 3228, 3278, K1227
- 248-48 for hinges 3248, 3288

### Accessories

Recommended screws: two TFX 5 x 30.



## 540

### Application

Spare parts for ASSA ball bearing hinges.

Ref. no	For pin Ø d	Dim. (mm)	Dim. (mm)
	d	D	T
540-9,25	9,25	18	7,5
540-12	12	24	8



## 249

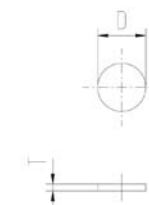
### Application

Adjustment disc for height adjustment of doors with journal-supported lift-off hinges.

### Material

Steel, hardened and zinc coated

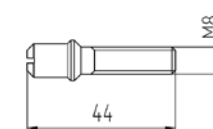
Ref. no	Dim. (mm)	
	D	T
249-7X1	7	1
249-7X1,5	7	1,5
249-8,5X1	8,5	1
249-8,5X1,5	8,5	1,5



## 2301

### Application

Security pins of hardened steel for screwing through hinges into the frame. For hinges with holes for security pins.



## 2302

### Application

Screw for adjusting the width of door chink. For screwing into the frame behind the hinge leaf of hinges that can be horizontally adjusted.

Allen key 3 mm.





## Application

Flush bolt for double doors.

## Material

Zinc coated steel

## Features

- With pivot arm and robust design
- Material of steel for fire-rated doors
- Also available with rounded plate corners

## Accessories

Recommended screws: three TFX 4 x 45 and two TFX 3 x 20.



## Application

Flush bolt for double doors and windows.

## Material

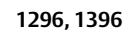
- Zinc alloy with bolt of steel
- Striking plate of propene plastic

## Features

The bolt is operated by the pivot arm and is easy to install.

## Accessories

Recommended screws: two TFX 3,5 x 25.



## Application

Flush bolt, manual, for the passive door leaf in wooden, steel or aluminium double doors.

## Features

- Manual single-action
- Bolt Ø 12 mm with 25 mm throw. Material of steel for fire-rated doors
- Door preparation for flush bolt 1296, 1396 and 2396 is the same
- Face plate width 22 mm
- Dimension from the face plate to the centre of the bolt is adjustable 30-36 mm
- Finish: Bright zinc-coated

## Function

The bolt is operated by the pivot arm.

## Accessories

Striking plate.

Guide, for use in wooden doors when climate changes may affect its features, and in doors with profiles of various materials.



## Application

Flush bolt, automatic, for the passive door leaf in wooden, steel or aluminium double doors.

## Features

- Automatic single-action
- Bolt Ø 12 mm and with a min 17 mm throw, adjustable +10 mm
- The latch is reversible
- Material of steel for fire-rated doors
- Door preparation for flush bolt 1296, 1396 and 2396 is the same
- Face plate width 22 mm
- Dimension from the face plate to the centre of the bolt is adjustable 30-36 mm
- Finish: Bright zinc-coated

## Function

The bolt is operated by the latch bolt.

## Accessories

Striking plate.

Guide, for use in wooden doors when climate changes may affect it's features, and in doors with profiles of various materials.



# INDUSTRIAL LOCKS

---

With ASSA Industrial locks you get a wide range/assortment that covers all requirements of locking. From the simplest cabinet to the most advanced solutions with high security. Our products are produced with many years of experience and together with you we can develop locks after the need of your company, concerning design and security.

The concept of Industrial locks holds many opportunities. It's not only about locks for cabinets but also to for example safe-deposit boxes, vending machines, letterboxes etc.

ASSA Industrial locks are produced and marketed by ASSA Industri AB in Eskilstuna and Lycksele. On the following pages a selection of our products are presented. For more information contact:

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Telephone: +46 (0)16 17 70 00

**Lycksele**  
ASSA Industri AB  
P.O Box 540  
SE-921 28 Lycksele  
Sweden



## Security Levels

Security levels on our Industrial locks can be explained with different colors – green, yellow and red.

### Green

Limited security eg. ASSA 3-pin cylinder

### Yellow

Normal security eg. ASSA 5-pin cylinder

### Red

High security with patented key control eg. ASSA Desmo



## Coin Lock

### Application

ASSA Coin locks is a perfect solution for temporary storage of for example clothes and valuables on sportscentres, baths, theatres, hospitals, etc.

### Features

ASSA Coin Lock is a mechanical lock for cupboards. The locks are available for use with the majority of coins and tokens. The lock can be provided with a coin return tray or a coin collecting box.

The Coin Lock can be ordered for right-or lefthanded lockers. A range of cylinders are available, covering different demands of material thickness and security levels. The cylinder can be master keyed. The lock can be made for use in different environments:

**Dry Areas:** Lock case of polycarbonate, cylinder of chromated brass, keys of nickelplated brass, hookbolt and the remaining unspecified components of yellow cromated steel.

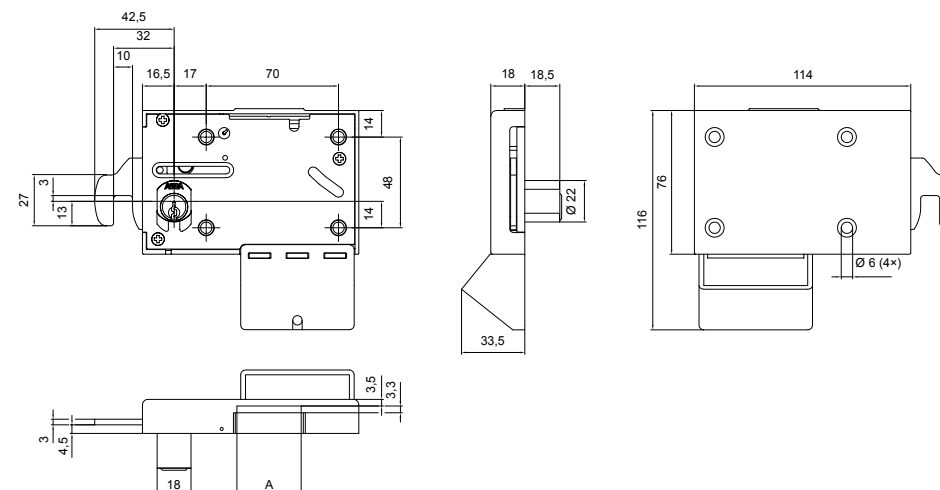
**Wet Areas(corrosive environments):** Lock case of polycarbonate, cylinder of chromated brass, keys, hook bolt and the remaining unspecified components of nickel plated brass.

### Function

When the correct coin is inserted the door can be locked and the key can be removed.

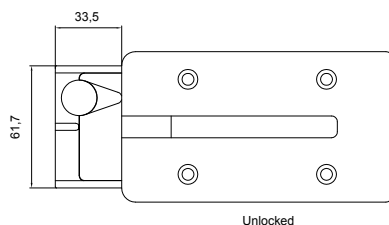
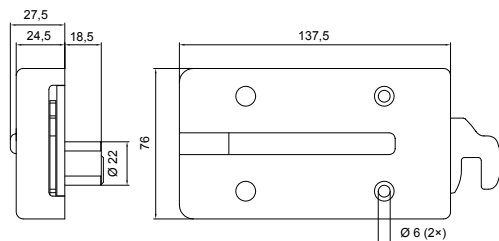
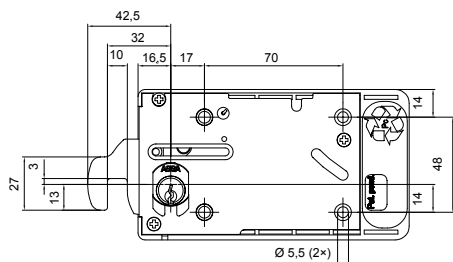
When the lock is opened with the key the coin passes through into

- 1) the return tray and the user removes the coin – or
- 2) into the coin collecting box if a charge is being made for use of the locker. ASSA Coin Lock is designed so that the key always remains captive in the lock after use, available for a new visitor.





### Cassette Lock



## Application

ASSA Coin locks is a perfect solution for temporary storage of for example clothes and valuables on sportscentres, baths, theatres, hospitals, etc.

## Features

ASSA Cassette Lock is a mechanical card lock for cupboards. Hole punched cards or tickets will give access to lock with keys. The lock is of universal type, both cards and tickets (one hole punched) can be used in same lock. On request, when assembling the locks, 10 different located card codes are available.

The cassette lock can be ordered for right-or lefthanded lockers. A range of cylinders covering different demands of material thickness and security levels, can be used. The cylinder is master keyed.

The lock is made for use in wet areas: Lock case of polycarbonate, cylinder of chromated brass, keys and hook bolt of nickel plated brass.

### Function

When inserting the card or the ticket in the cassette, the door can be locked and the key removed. In locked position the card or ticket remains captive in the lock cassette. The insertion of a card or a ticket is then the deposit, which enables the key to be taken away by the customer. After use, when the door is unlocked the key remains captive in the lock, available for next customer.

Using different card codes, enable to keep customers apart in different spaces.  
(For instance, in order to keep men in mens room and women in ladys room).



## Locker Hasp

## Application

Locker hasp for cabins, drawers, vending machines, etc.

## Features

Locker hasp for material thickness up to 22 mm. Housing and core of zinc plated steel, locking device for extra safety of composite. Large selection of 3 mm thick catches.

## Function

In locked position the padlock stops the catch from turning. When the padlock is removed the catch can be turned 90° and the locker can be opened. Right hand turning as standard and left hand is available on request.

Ref. no.	Mtrl. thickness (up to):	Material
390 785	16 mm	Steel
390 684	16 mm	Steel
391 350	16 mm	Zinc
492 831	22 mm	Steel



49 28 31



39 13 50



39 07 85



39 06 84



## Cam Lock Cylinders

## Cam Lock 8950 Desmo

## Application

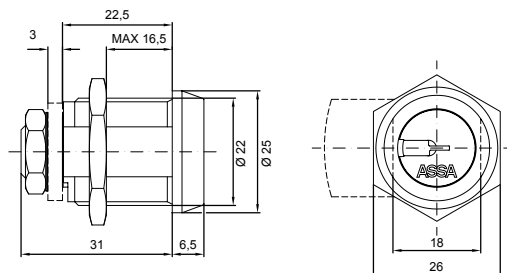
Lock for cabins, drawers, vending machines, etc.

## Features

ASSA Desmo is a patented lock construction for top security. 8-pin cylinder lock for material thickness up to 16 mm. The construction is based on direct driven pins without springs. Master keying and very high number of differs. Cylinders of nickel plated brass and keys of nickel silver. Drill protection is available on request.

## Function

The key turns 90° and can only be removed when the catch is in the locked position. Right hand turning as standard and left hand is available on request.



## Cam Lock 8920 Desmo

## Application

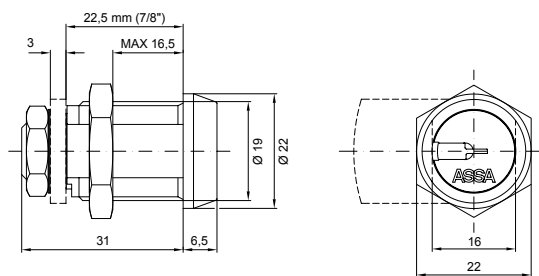
Lock for cabins, drawers, vending machines, etc.

## Features

ASSA Desmo is a patented lock construction for top security. 8-pin cylinder lock for material thickness up to 16 mm. The construction is based on direct driven pins without springs. Master keying and very high number of differs. Cylinders of nickel plated brass and keys of nickel silver. Drill protection is available on request. Large selection of 3 mm catches.

## Function

The key turns 90° and can only be removed when the catch is in the locked position. Right hand turning as standard and left hand is available on request.



## Cam Lock Cylinders

## Cam Lock 8460

## Application

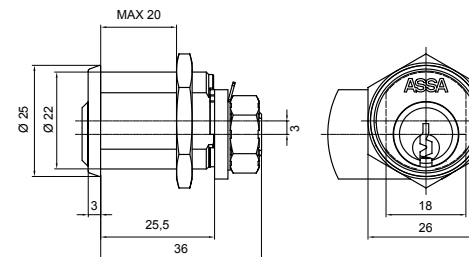
Lock for cabins, drawers, vending machines, etc.

## Features

6-pin camlock for material thickness up to 20 mm. Cylinders and keys of nickel plated brass. Large selection of 3 mm thick catches. Can be master keyed.

## Function

The key turns 90° and can only be removed in locked position. Right hand turning as standard and left hand is available on request.



## Cam Lock 10460

## Application

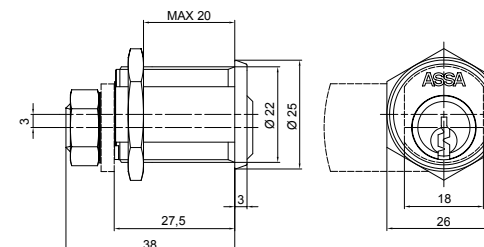
Lock for cabins, drawers, vending machines, etc.

## Features

6-pin heavy duty cylinder lock for material thickness up to 22 mm. Cylinders and keys of nickel plated brass. Large selection of 3 mm thick catches. Can be master keyed.

## Function

The key turns 90° and can only be removed when the catch is in the locked position. Right hand turning as standard and left hand is available on request.



# LEVER LOCKS

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FAS develops, manufactures and markets security solutions based on lever technology for homes, properties and protective units for valuables. Our main emphasis is on approved security products which our customers feel are their best choice.

FAS is certified in accordance with ISO 9001 since 23 Oct 1997. Certification agency: SFK (the Swedish Association for Quality).

FAS is certified in accordance with ISO 14001 since 31 May 2000. Certification agency: SFK (the Swedish Association for Quality).

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## For Doors with High Security Requirements

### FAS 2970, 3970, 5970

#### Application

FAS lever tumbler locks 2970, 3970 and 5970 are suitable for cell doors in prisons, etc.

#### Features/Function

- FAS locks 2970, 3970 have an exchangeable lock cassette of the FAS type 704 with 7 brass tumblers. The lock is equipped with two cylindrical rotating bolts which open with a quarter turn of the handle and have a throw of 20.5 mm. The lock cassette prevents the handle from being turned. FAS 2970 also has an espagnolette fastening for vertical locking. The hole for the handle is 9 mm square.
- There is a keyhole on one side only and the key can be removed in both the locked and unlocked positions.
- The lock is available in both a left and a right-hand design but only with asymmetrical locking.
- The FAS lock 5970 has the same design and function as above, apart from the lock cassette, which has been adapted for cylinder assembly.

#### Standard design

- Lock of powerful sheet steel
- 5970 adapted for single cylinder
- Keys/cylinder not included: order separately
- Brass lever
- Category B

#### Special design

- Keyed alike with category B locks, not 5970
- 5970 adapted for double cylinder
- Extra keys will only be produced if we receive the original key (2970, 3970)

#### Options

- Micro indicating locked / unlocked blocking device
- Micro indicating bolt position
- Solenoid for remote controlled access = dual command
- Independent interlocking
- Not lockable when door is open



2970



3970



5970



## For Evacuation Doors

### FAS 981 Latch Bolt Lock for Evacuation Doors

#### Application

Evacuation doors for community centres, industrial premises, shops and offices for which secure, swift evacuation is desirable/required.

#### Features/Function

FAS 981 is a cylinder lock intended for evacuation. The lock is intended for dual DIN cylinders, for which standard/security cylinders normally appearing on the market may be used. When the key is turned 360° the bolt is extruded fully, 22 mm, and interlocks. In order to hinder attempts to saw or break through it, the bolt is toughened. The lock can be equipped with dual microswitches, an advantage when different alarm prioritising is required for the evacuation doors.

The emergency rod is well labelled and easy to grip, as well as being a one touch bar. During emergency opening, the latch bolt and push bolt are retracted. When the door is closed, it does not lock (the latch bolt is locked with the cylinder key) in case there is a need to return by the same route if the evacuation route is closed due to say, smoke or fire.

Authorised personnel will always be able to pass through using the key, without using the emergency handle. The lock fulfils requirements in accordance with EN 179.

#### Standard design

- Intended for dual cylinders
- Dead bolt locks for standard or security cylinders
- The dead bolt can be reversed easily, without taking it to pieces
- Lock housing set up for microswitch
- Toughened bolt which hinders attempts to saw through the lock

#### Special design

- With dual, internally mounted microswitches for alarming of the emergency handle and indication of the bolt



981



### FAS Evolution 910/911

#### Application

FAS 910/911 Evolution is an extra lock for doors in private houses, commercial buildings, and areas where there is an extra high demand of burglary resistance.

The lock cases are available in two back sets; 35 and 50 with or without latch bolt.

The locks are also available with micro switch indication for use in combination with alarm systems or for similar purposes.

#### Features/Function

- The locks are designed with 9 brass levers.
- 360 degree turn with automatic interlocking mechanism
- 24 mm throw of hook bolt
- Hardened hook bolt
- Self blocking function when exceeding the resistance of the hook bolt
- While locked the locks require key to be opened from both sides
- The locks fulfil the requirements of EN 12209, grade 5
- Zinc plated lock case
- Delivered with 3 keys as standard

#### Flexible and user friendly

FAS Evolution can easily be assembled key alike with FAS traditional lever lock range.

The lock case size and shape is in accordance with the most common extra locks in the market.

This makes it easy to upgrade older products to higher security.

The new smoother design of the key makes it more user friendly and ergonomical.

The lock fulfils the requirements of EN 12209 grade 5

#### Standard design

- Lock of galvanised steel
- Supplied with 3 brass keys, total length 80 mm
- Brass lever
- Toughened hook bolt which hinders attempts at sawing through the lock

#### Special design

- Keyed alike can be ordered on demand
- Micro switch indication
- Hardened steel keys. 68, 80, 90, and 125 lengths



### FAS 309 Evolution Extra lock with hook bolt

#### Application

FAS 309 Evolution is an extra lock for doors in private houses, commercial buildings, and buildings where there is an extra high demand of burglary resistance.

The locks self blocking and patented hook bolt connects door and frame making it extremely hard to force the door open.

The locking mechanism is well protected within the interior of the lock case, behind the door and escutcheon, which makes it difficult to manipulate or attack this vital part of the lock.

#### Features/Function

FAS Evolution can easily be assembled key alike with FAS traditional lever lock range. The lock case size and shape is in accordance with the most common extra locks in the market. This makes it easy to upgrade older products to higher security.

The new smoother design of the key makes it more user friendly and ergonomical.

The lock fulfils the requirements of EN 12209 grade 5

#### Standard design

- Lock of galvanised steel
- Supplied with 3 brass keys, total length 80 mm
- Brass lever
- Toughened hook bolt which hinders attempts at sawing through the lock

#### Special design

- Keyed alike can be ordered on demand
- Micro switch indication
- Hardened steel keys. 68, 80, 90, and 125 lengths





2020

### For Internal and Bathroom/Toilet Doors

#### FAS 2020 Latch Lock

##### Application

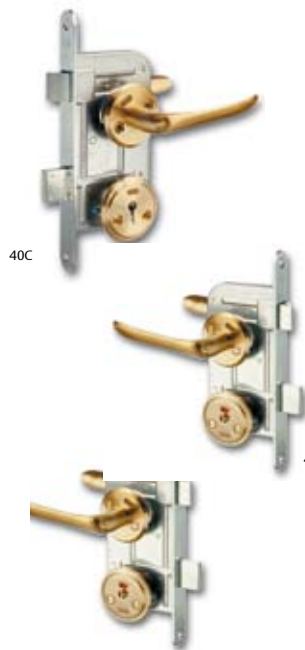
FAS 2020 are a latch lock for internal doors, bathroom and toilet doors for the office/home sector for new buildings and the replacement market.

##### Features/Function

- FAS 2020 is operated with a key from both the inside and the outside, or with a thumbturn from the inside and a panic key or screw driver from the outside. The lock can easily be changed to right or left handed lock by pull and turn the latch bolt 180°
- FAS 2020 replaces FAS 404 and 404T

##### Standard design

- Lock housing and striking plate in yellow epoxy
- Delivered with one key
- Changeable to right or left handed lock by pull and turn the latch bolt 180°



40C

40T

40T

### For Internal and Bathroom/Toilet Doors

#### FAS 40C & 40T Dead Bolt Lock

##### Application

FAS 40C and 40T are dead bolt locks for internal doors, bathroom and toilet doors for the office/home sector for new buildings and the replacement market.

##### Features/Function

- FAS 40C is a 3-lever lock with 44 different key combinations, and is operated using a key from both the inside and outside.
- FAS 40T, for toilet or bathroom doors, is operated using a thumbturn from the inside, and a panic key or screw driver from the outside.
- The lock is available in both right and left versions, and has slot measurements according to older slot standards.

##### Standard design

- Lock housing and striking plate of galvanised steel
- 40C is supplied with 2 keys and striking plate
- 40T is supplied with striking plate
- The dead bolt is reversible when dismantled

##### Special design

- Keyed alike 40C.
- According to key number 40C.



### Strengthening Device

#### FAS 1220

##### Application

FAS 1220 is a trailing edge device which protects the hinged side of the door. It consists of a striking plate which is fitted in the frame, and a plate with two toughened pins which is fitted in the door. The design hinders attempts at sawing or attacks using a beater. The six screws provide a force resistance over 700 kg.

May also be complemented with FAS 5201 to increase the strength of the door/frame. Incl. screw.

The lock fulfils requirements in accordance with SS 3487 for protection of the hinged side of the door.



1220

### FAS 1000 Door Catch

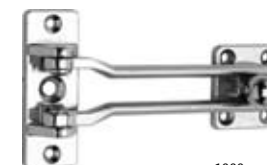
##### Application

FAS 1000 is a door catch for outward opening doors. The door catch is designed with a ball placed on the door frame connecting with a catch placed on the door. When the catch is placed over the ball the door catch is in locked position allowing the door to be open maximum 5 cm. The catch is designed to move with some friction and can only be removed while the door is closed. In combination with the strong bond of steel screws through the door and the design of the catch the door is substantially stronger than a traditional door chain.

The door catch is manufactured in casted zinc with a chromium finish.

With the steel through screw and its design, this door catch is substantially stronger than a "door chain".

FAS 1000 are approved according Annex D.



1000



# REGISTER

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