



Locks and fittings for doors and gates.

Components and accessories for aluminium- and steel profiles.

















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Heiligenhaus, October 2010 Wilh. Schlechtendahl & Söhne GmbH & Co. K.G.

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### We strive for your success!

**WSS** has been the competent partner of the international steel, metal and glass building industry for 100 years.

As a developer, manufacturer and direct distributor of locks, fittings, components and accessories, WSS offers everything from one source: from the idea and construction to the manufacturing.

Unique in Germany, self-evident for us: WSS sells the products by doing direct marketing.

We secure to be able to present the right solution for any demand by having a high-quality production program as well as a comprehensive commercial assortment: Fittings for individual doors to whole commercial buildings. And that for the most of on market existing profile systems in aluminium and steel. For any questions, our qualified staff will have the answer – please contact us!

Because of our enormous warehouse capacity, precise logistics and trained personnel, we are able to deliver quickly, reliably and flexibly.

Our aim is your full satisfaction: We will be there for you! With perfect service, full care and full support, also at your site.



## **Tradition obliges.**

Highest standards since 1906.

Quality, made in Heiligenhaus. We set the highest quality demands to the products we produce. High-quality raw- and basic-materials. Precise manufacturing. Continuous quality control. These factors ensure, that you will get products which will work long-term, safely and durably. The fulfillment of all usual norms and guidelines is standard for us. Even higher significant for us is the certification of you: our satisfied customers.

Within the scope of the WSS Quality Management System, our departments development, construction and production are certified to DIN EN ISO 9001:2000.

In order to guarantee highest quality for our customers, we own one of the biggest testing stands in Europe.

WSS is able to realize special customer demands and limited-lot productions fast and flexibly according to highest quality standards. So we create flexible solutions for the challenges, that complex projects pose to you.



## Our quality is your competitive advantage!

For generations the name **WSS** stood for quality, innovation and first-class service.

We develop our products continuously: "As a WSS customer you have the right to special quality!" And that applies to all WSS products, because highly qualified teams are busy optimizing them.

With innovative ideas, we determine decisively the current level of technology and create trends.

Panic-pushbar, 3D-door-hinges and self-locking door locks (SI) are only some examples of products, with which WSS is present in the market. Nevertheless we are already working on tomorrow's challenges today

and are developing new market security- and electronic solutions.

Construction, manufacturing and marketing from one source:

You can solely concentrate on your main competences and so strengthen your market position.

Quality, the power of innovation and experience: Discover your reliable partner WSS for your company's success.



### They speak for us.

### Our references:

#### International projects

- ABN Amro, Amsterdam, Netherlands
- Hotel Adlon, Berlin, Germany
- AGORA, Warsaw, Poland
- Al-Ahli-Com. Bank, Manamah, Bahrain
- CB 16 La Defense, Paris, France
- Chicago Beach Hotel, Mauritius
- DaimlerChrysler Bank, Stuttgart, Germany
- DANONE, İstanbul, Turkey
- DG Bank, Luxemburg
- Galaxy Skyline, Vienna, Austria
- Garantie Bank, Istanbul, Turkey
- Guggenheim Museum, Bilbao, Spain
- Kanzleramt, Berlin, Germany
- LOT, Warsaw, Poland
- Merrill Lynch, London, Great-Britain
- New York Hospital Association, USA
- Royal Bank of Scotland, Great-Britain
- Hotel Savoy Funchal, Portugal
- Shanghai Stadium, China
- SonyCenter, Berlin, Germany
- Int. Financial Center "The Gate", Dubai, U.A.E.
- Stadthalle Graz, Austria
- Portugal TELECOM, Lissabon, Portugal

- TELECOM Prague, Czech Republic
- UCB, Brussels, Belgium
- University of Bozen, Italy
- Aurelium Paris
- Tour AXA Paris
- One Hyde Park London
- Royal London Hospital
- Merchant Square London
- ENBW Stuttgart
- FNWI Amsterdam
- Alcide de Gaspari Luxemburg
- 20th Gresham Street London
- Spencer Docks Dublin
- Dashwood House London
- Roche Rotkreuz Schweiz
- Heron Tower London
- Petrom City Bukarest
- Creekside London
- Frankfurt Hoch Vier (Citypalais)
- Pall Mall Amsterdam
- Tour Oxygene Lyon
- Aida Cruise Vessels
- Angel Building London

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#### One dimension for all.

Standard dimensioned mortise locks – also acc. to EN 179 + EN 1125.

- standard distance 92 mm
- for all ranges of use
  - standard tubular frame doors
  - smoke resistant doors
  - fire resistant doors
- for all versions
  - mortise lock
  - security mortise lock
  - panic mortise lock
- easy installation
- maximum safety
- comfortable handling

The standard dimension for all mortise locks simplifies the installation and enables the belated backfitting.

### Automatically locked.

Self-locking panic locks.

- locks automatically after shutting the door
- certified acc. to EN 179 and 1125
- mechanical or electromotive version available
- also available as multi-point-lock
- usable at stand-alone-mode
- integrable to existing security- and tracking systems
- mechanical locking function of motor locks during a power outage
- suitable for tubular frame doors with small backsets (starting at 35 mm)

The mechanical locking function of the motor locks guarantees maximum security also during a power outage.





### Eliminates panic.

Panic push-bar acc. to EN 1125.

- space-saving design with low installation height, also for small leaf widths
- high passage way width by little projection dimension
- minimum effort on every point of the push-area
- extensive resistance against abuse and vandalism
- adjustable bedstops prevent overloading of the inner parts
- compensation of installation tolerances due to safe fastening by clearance holes with bolts
- right and left hand usable
- patented telescope-profile

The innovative fastening guarantees an optimal adaption to every WSS lock and warrants a clean functionality on the highest standard.

### Lean solution for electric opening.

Panic counterbox with integrated electric strike acc. to EN 179 and EN 1125.

- lean version for use in standard profiles
- self-locking, for use with top lock
- various backsets
- also for use with both-side automatical door drives barrier-free building

The lean version enables the symmetric door creation, because there is no need to equip the passive-leaf with an additional forend profile.

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### Frequently asked questions. (FAQ)

What does fire resistant in combination with locks and doors mean?

A fire resistant element of a door permits in a fixed period only a fixed temperature boost on the opposite side of the fire and prevents a breakthrough of the flames underneath and on the sides of the door. Fire resistant doors are marked with the resistance time against fire. The qualitative differences are specified in an interval of 30 minutes. (F30 = 30 minutes, F60 = 60 minutes, F90 = 90 minutes, aso.)



What does smoke resistant in combination with door elements mean?

The smoke resistant door is constructed, that the profile and the gasket let only pass the less volume of smoke and gas to protect persons and equipment.

Can both requirements for fire resistance and smoke resistance be fulfilled parallelly?

Yes, there are certified door elements which fulfill both requirements.

May locks for fire resistant or smoke resistant doors be fitted with a latch arrester?

No, because the latch is responsible for keeping the door shut. If there was a latch arrester, the locks would not fulfill the requirements for EN 179 and EN 1125.

Can emergency exit devices also be used for panic doors?

Emergency exit devices are equipped with panic fittings, but the application area according to the standard is differently defined.

Is it possible to offer electrically controlled emergency exit systems?

Yes, it is possible and also allowed to install electrically controlled emergency exit systems additionally to mechanical panic fittings. But they are subject to other regulations and EN-standards concerning for example, the automatic connection during a power outage, the additional installation of an emergency exit door terminal, the central control by a porter, and so on.

Can emergency exit devices be installed to fire resistant doors?

The installation of emergency exit devices to fire resistant doors depends on the documents of the profile manufacturer. The respective parts of the device have to be mentioned in the documents. In case of doubt, the door manufacturer has to get in touch with the profile manufacturer.

May emergency exit doors be locked?

Yes, emergency exit doors can be locked. That can be for example by a self-locking panic lock. Additional mechanical interlocks, which interfere or even avoid the panic function are not permitted.



Can emergency exit doors be secured with an additional motor bolt when not in operation?

No, because an additional motor bolt would disable the panic function.
Only licensed emergency control systems must be installed.

Is it possible to re-enter an escape door?

The re-entrance of an emergency door after a panic actuation depends on the locking function of the lock. In line with the passage function (9 mm follower), it is possible for rescue staff to enter the respective area by using the outer handle after a panic actuation.

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#### Which application area is ruled by EN 179?

The EN 179 labels panic fittings for buildings, in which the emerging of a panic situation is rather improbable. The persons in these buildings should be familiar with the emergency exit and the fittings. Precise examples are not given in EN 179.

The release of the panic function of these fittings gets done by a handle or a push-plate. Please notice, that locks and fittings must always be proven and certified together. The accomodation to a profile system is only permitted to the fitting producer. Even if locks and fittings are bought separately, the fabricator has to guarantee, that the locks and fittings are certified according to EN 179.



#### ■ What does EN 1125 mean?

The EN 1125 labels panic fittings for buildings, in which the emerging of a panic situation is probable. There must be a safe escape opportunity - also without knowing the fittings - by initial load (pressure). Possible

- by initial load (pressure). Possible application areas can be cinemas, concert halls, public authorities and so on. These panic fittings will be activated by a panic push-bar. Locks and fittings are only sold in a set

and are always proven and certified together.

### Which dimension does the backset describe?

The backset describes the dimension from the leading edge of the front plate to the center of the follower, respectively of the cylinder.

### Which information does the distance contain?

The distance contains the admeasurement from the center of the follower to the center of the cylinder. By use of a KABA or KESO cylinder, there is an overmeasure of 2 mm compared to a standard profile cylinder.

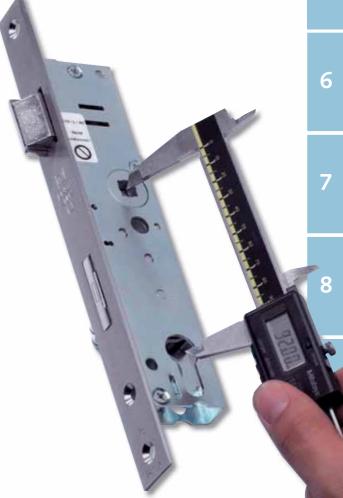
#### Which effect does a latch arrester have?

The latch arrester keeps the latch of the lock in a pushed-in position. Thereby the door is durably accessible without key action on latch bolt. The latch arrester can be activated by key as well as by screw, lever or slider.



#### ■ What is a top lock?

In combination with under springpressure standing counterboxes or flush bolts, a top lock provides, that the upper and lower rod is fixed in their position after opening the door. So it is prevented, that the rod hits the ground and interferes the closing meachanism of the passive leaf.



The lock and its parts

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Lock front plate



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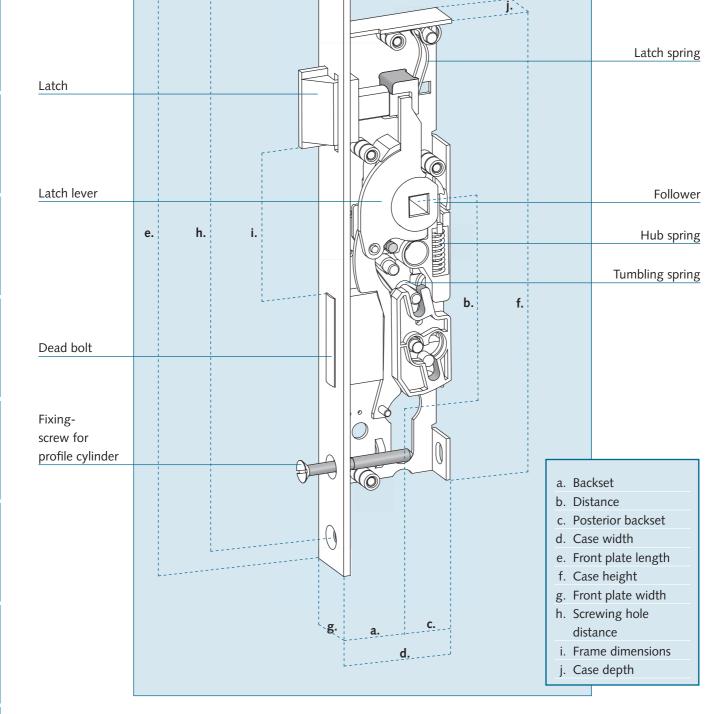
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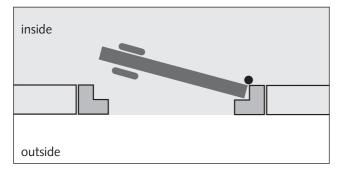


### **Door opening directions**

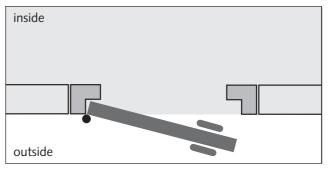
The description for right and left locks are acc. to EN 107. On declaration of these descriptions, the viewer stands on the hinge side.

The hinges are visibly mounted. Hinges on the right means right lock, hinges on the left means left lock.

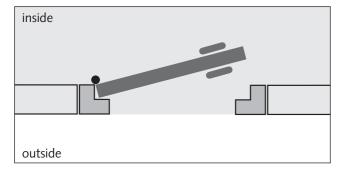
#### LEFT HAND INWARD



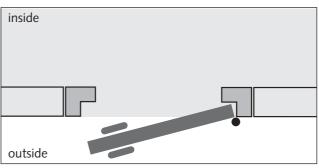
#### LEFT HAND OUTWARD



#### RIGHT HAND INWARD



#### RIGHT HAND OUTWARD





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### EN-standards for emergency exits and panic doors.

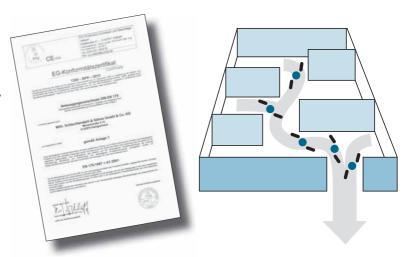
EN 179: Emergency exit devices with handle or push-plate

#### Application area:

For application in buildings, in which the emerging of a panic situation is rather improbable. The persons in these buildings should be familiar with the emergency exits and the fittings. Precise examples are not mentioned in the EN 179

#### Actuation:

by handle or push-plate



#### **EN 1125:** Panic devices with horizontal push-bar for emergency exit doors.



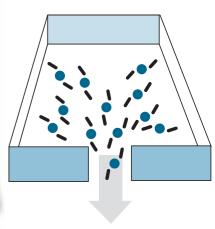
#### Application area:

For application in buildings, in which the emerging of a panic situation is probable. There must be a safe escape opportunity - also without knowing the fittings - by initial load (pressure). Possible application areas can be cinemas, concert halls, public authorities and so on.

#### Actuation:

by horizontal panic push-bar or panic-bar





#### Please notice:

Lock and fittings have always to be proven and certified together. The accomodation to several profile systems can only be done by the fitting manufacturer.



### Locking functions of mortise-, and panic mortise locks

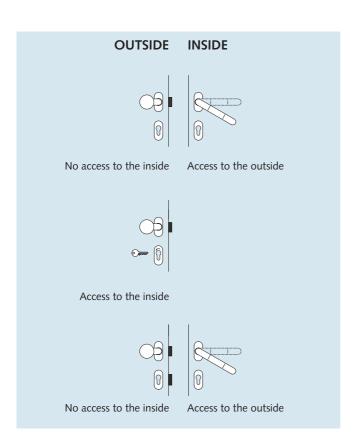
Panic lock with locking function (Latch lever function)

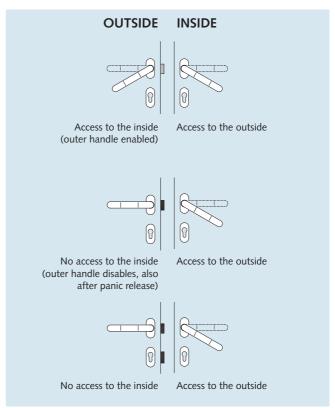


The dead bolt and the latch bolt are switched back by key from the outside. The door is **open** now. But the door can be opened any time **by the handle** (from the inside), even **when the dead bolt is locked**. **After a panic release** and shutting the door, the door **is still not accessible by the outer handle**. Admittedly the door is only locked by the latch bolt, because the dead bolt stays inside the lock case until locking by key.

Panic lock with locking function
(Switching function with dead bolt)

To open the door from the outside, the outer handle must be enabled by key (key must be turned in opening-direction to the end position). Now the door is accessible from the inside and the outside. If the key is turned to closing direction until the dead bolt is locked and then taken out of the cylinder, the outer handle switches automatically into idling mode. But the door can be opened any time by inner handle, even without a key. After panic release from the inside and shutting the door, the door is still not accessible from the outside (locked).





#### Usage reference

For doors where an unauthorized access from the outside must always be prevented.

The door cannot accidentally be unlocked, because after shutting the door, the opening from the outside is only possible by key.

#### ■ Usage reference

For doors which must allow a temporary access from the inside and the outside.

After a panic release from the inside, the outer handle is still in idling mode.

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### Locking functions of mortise-, and panic mortise locks

■ Panic lock with locking function (Passage function)



To open the door from the outside, the dead bolt can be switched back by the key and the latch can be switched back by the outer handle. The door is now accessible from the inside and the outside. If the dead bolt is locked by key the door is not accessible from the outside anymore, because the door is held by the dead bolt. But the door is accessible any time from the inside by handle, even without a key. After panic release (from the inside) and **shutting the door**, the door is accessible from the outside (open).

# **OUTSIDE INSIDE** Access to the inside Access to the outside No access to the inside (outer handle acts only to the latch)

#### Usage reference

For doors, which must allow a temporary access from the inside and the outside.

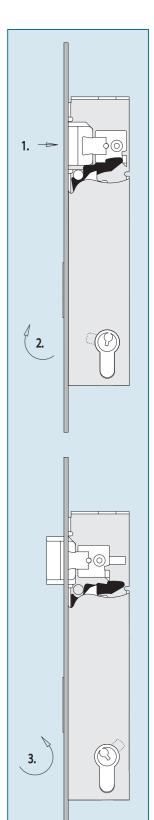
After a panic release from the inside the door is accessible from the outside, e.g. to allow an easy access for rescue staff.

### Instructions for latch arrester (by key)

#### Activation of latch arrester by key:

- 1. The latch must be pushed in into end position by hand (not by the handle). Keep in that position until step 3 is done.
- 2. Turn the key in opening direction to end position.
- 3. Pull the key out of the cylinder.

The latch is arrested!



#### Deactivation of latch arrester:

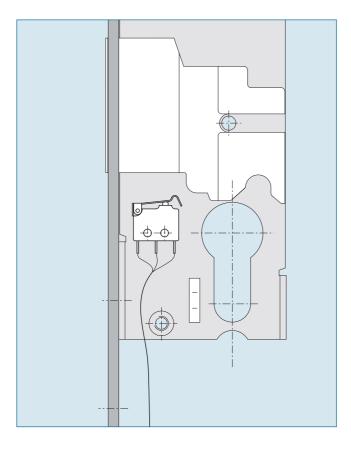
- 1. The latch must be pushed in into end position by hand (not by the handle). Keep in that position until step 2 is
- 2. Lock the dead bolt by key. The latch is free!

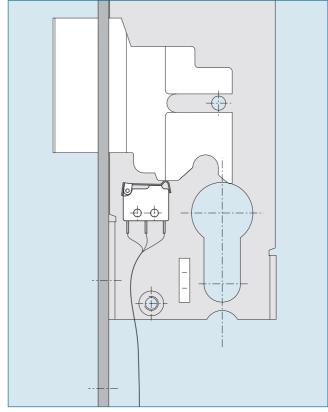


#### Microswitch

By microswitch, control-circuits for LED's or control modules can be conducted. Also gate- or door drives can be disabled by a microswitch, if the position "dead bolt locked" becomes overplugged to the connection of the control board. Length of the connecting cable is 5 meters.

Dead bolt locked:
 Microswitch contacted.





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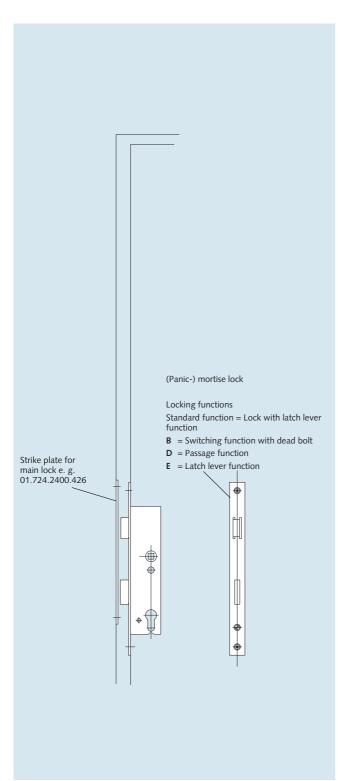
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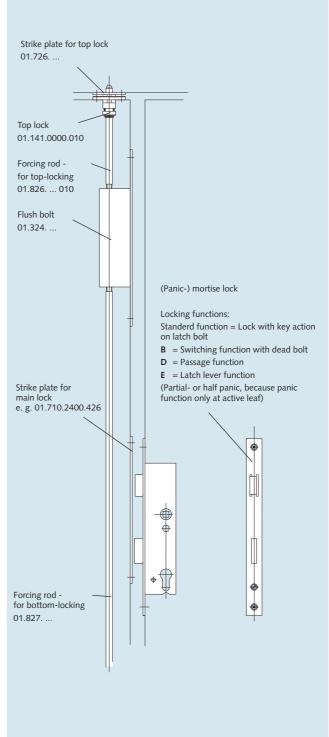
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### Lock combinations

- for single-leaf doors
- without additional interlock (without panic / with panic)

- for double-leaf doors
- without additional interlock (without panic / with partial panic)



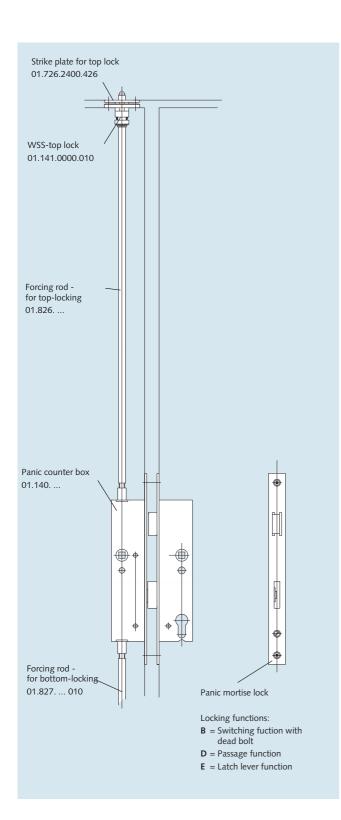


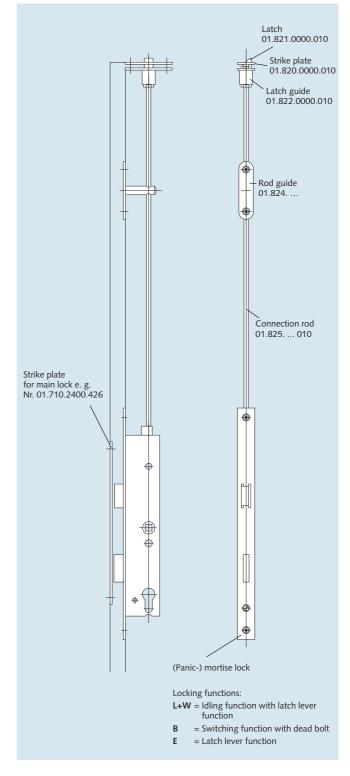


#### Lock combinations

- for double-leaf doors
- without additional interlock (panic)

- for single- and double-leaf doors
- with additional interlock (without panic / with panic)





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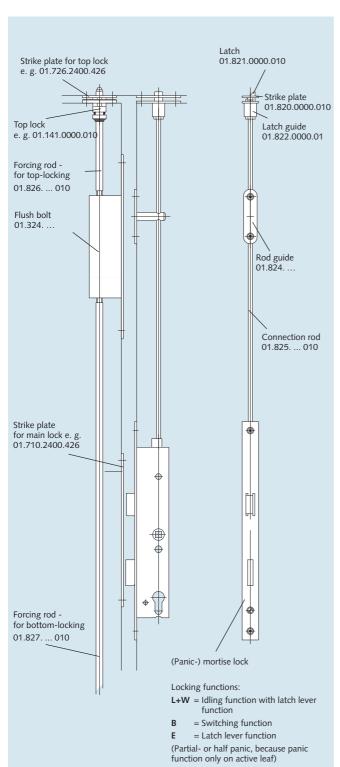
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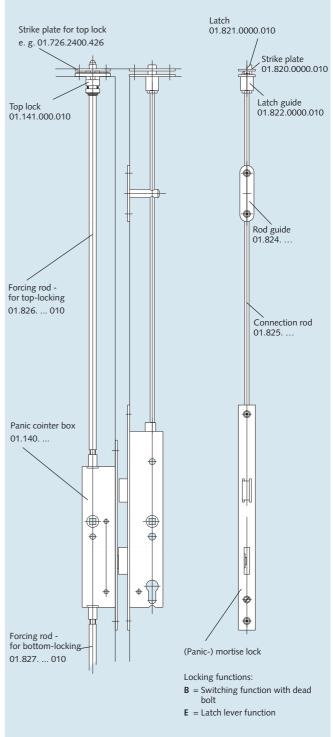
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#### Lock combinations

- for double-leaf doors
- with additional interlock (without panic / with partial panic)
- for double-leaf doors
- with additional interlock (panic)







### Top locks

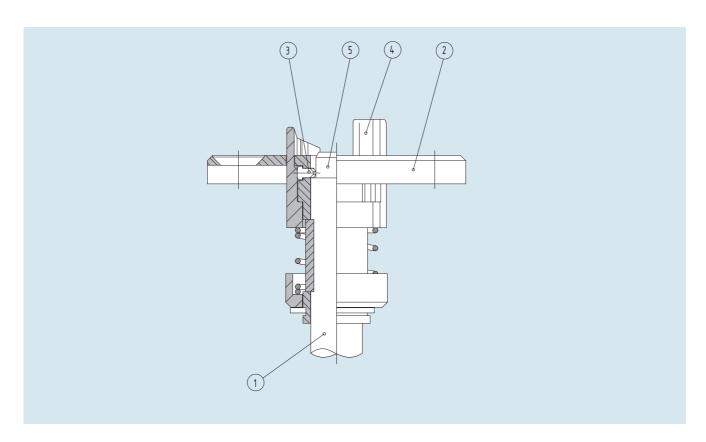
#### ■ Top lock no. 01.141.0000.010

Top locks are used in double-leaf doors, e. g. with WSSlock 01.724.2900.426. Top locks are installed in the upper area of the passive leaf. If the locking rods of the panic counter box or the cremone bolt come completely in, the one-level snap-in of the top lock prevents a coming out of locking rods that are under spring pressure. A possible damage of the floor and an insecure shutting of the passive leaf is also ruled out.

For safe snap-in, the end of the upper rod must be retracted approx. 5,5 mm under the upper angle of the top lock.

Besides, the only corresponding PVC end plug with a head-diameter of 8 mm is allowed for installation, so that the snap-in components can "grap" over the end of the

Not until the release of the top lock is pushed-in at least 3 mm by seizing on the strike plate, the locking rod becomes



- 1. Locking rod

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**General information** 

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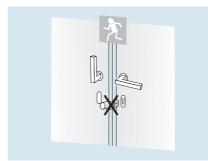
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### **Usage information**

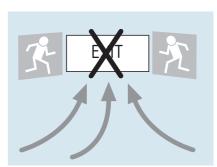
Following instructions should be observed when using WSS locks:



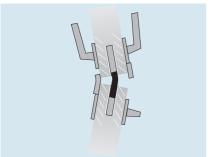
It is not allowed to leave the key inside a panic lock.



It is not allowed to install a cylinder with knob or a turnable knob to panic locks.



The use of a panic handle is only allowed in panic situations (no long-term use).



It is not allowed to force double-leaf doors by the passive leaf.



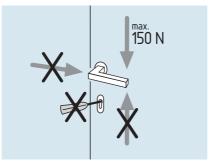
The lock must be replaced, if there are traces of vandalism and so on.



Locks must be oiled minimum once per year (only resin-free oil).



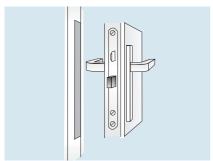
Do not lacquer or paint the dead bolt or the latch.



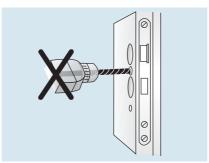
The handle must only be used with normal power. The power to the handle has to be max. 150 Newton.



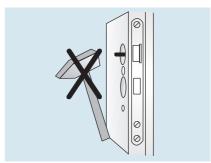
Handle and key must not be used at the same time



The dead bolt must not be locked when the door is open.



Do not drill into the door, when there is a lock installed.



The square spindle must not be hit into the follower.

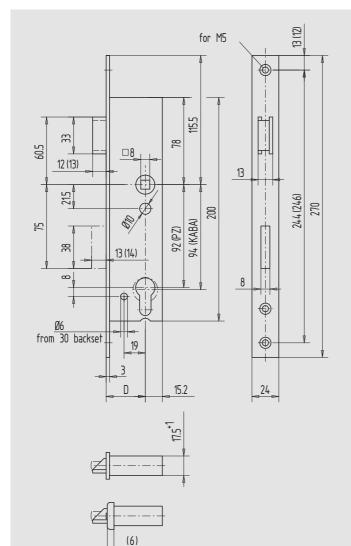


Illustration shows right handed version (...) = U-shape front plate

#### Mortise lock

#### with flat front plate

- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch

Artno.	Pre-Setting	Back- set	Flat front plate
01.100.2400.426	right hand	24	Stainless Steel V2A, matt brushed
01.100.2700.426	right hand	27	Stainless Steel V2A, matt brushed
01.100.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.100.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.100.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.100.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 15) 9 mm square follower
- 16) micro-switch for dead bolt control
- 37) latch fixing (by slider)

Α	ttention	Option 01) from 30 mm backset		
		Option 02) only for 30 - 40 mm backset		
		Option 16) from 35 mm backset		
		Option 37) from 35 mm backset		

#### with U-shape front plate

■ latch and dead bolt 1 mm protruding

Artno.	Pre-Setting	Back- set	U-shape front plate
01.100.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 15) 9 mm square follower
- 16) micro-switch for dead bolt control
- 37) latch fixing (by slider)

Information

Suitable strike plates see page 125

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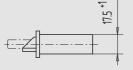
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WSS

### 13 (12) for M5 115.5 28 60.5 12 (13) 13 244 (246) 200 75 94 (KABA) 8 Ø6 0 19 ( 15.2 24



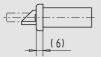


Illustration shows right handed version (...) = U-shape front plate

#### Security mortise lock, 25 mm bolt throwout

#### with flat front plate

- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- security bolt with hardened steel plate

Artno.	Pre-Setting	Back- set	Flat front plate
01.102.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.102.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.102.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.102.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 15) 9 mm square follower
- 37) latch fixing (by slider)
- 48) latch 2 mm protruding

Attention	Option 06) only for 30 - 40 mm backset
	Option 37) from 35 mm backset
	Option 48) only for 30 - 40 mm backset

#### with U-shape front plate

■ latch and dead bolt 1 mm protruding

Artno.	Pre-Setting	Back- set	U-shape front plate
01.102.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 15) 9 mm square follower
- 37) latch fixing (by slider)
- 54) latch 3 mm protruding

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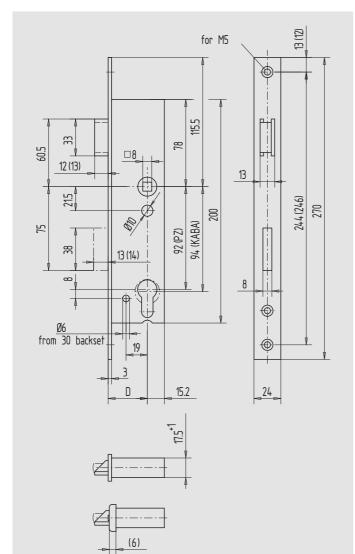


Illustration shows right handed version (...) = U-shape front plate

#### Panic mortise lock, function E

### with flat front plate

- function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- for single-leaf doors
- 8 mm square
- persistant follower
- latch and dead bolt flush
- reversible latch

Artno.	Pre-Setting	Back- set	Flat front plate
01.104.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.104.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.104.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.104.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 37) latch fixing (by slider)

Attention	Option 02) only for 30 - 40 mm backset
	Option 16) from 35 mm backset
	Option 37) from 35 mm backset

#### with U-shape front plate



6

■ latch and dead bolt 1 mm protruding

Artno.	Pre-Setting	Back- set	U-shape front plate
01.104.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 37) latch fixing (by slider)

Information

Suitable strike plates see page 125





for M5

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115.5

94 (KABA)

15.2

Illustration shows right handed version (...) = U-shape front plate

8

13 (12)

244 (246)

60.5

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19

(6)

12 (13)

WSS

# Panic security lock function E, 25 mm bolt throwout



- with flat front plate
- function E (latch lever function)
- prepared for profile cylinder (1-turn)92 mm distance
- for single-leaf doors
- 8 mm square
- latch and dead bolt flush
- reversible latch
- security bolt with hardened steel plate

Artno.	Pre-Setting	Back- set	Flat front plate
01.106.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.106.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.106.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.106.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 15) 9 mm square follower
- 37) latch fixing (by slider)
- 48) latch 2 mm protruding

Attention	Option 06) only for 30 - 40 mm backset
	Option 37) from 35 mm backset
	Option 48) only for 30 - 40 mm backset

#### with U-shape front plate



■ latch and dead bolt 1 mm protruding

Artno.	Pre-Setting	Back- set	U-shape front plate
01.106.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 15) 9 mm square follower
- 37) latch fixing (by slider)
- 54) latch 3 mm protruding

#### Information

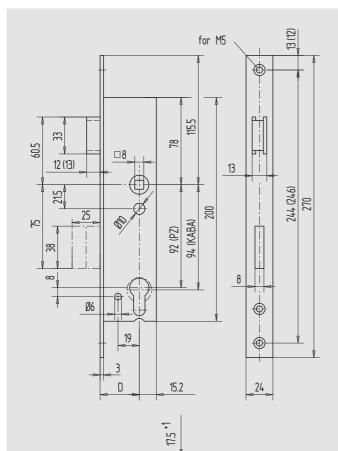






Illustration shows right handed version (...) = U-shape front plate

### **Security mortise lock** 25 mm bolt throwout

### with flat front plate

- prepared for profile cylinder (2-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- security bolt with hardened steel plate

Artno.	Pre-Setting	Back- set	Flat front plate
01.108.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.108.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.108.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.108.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 15) 9 mm square follower
- 37) latch fixing (by slider)
- 48) latch 2 mm protruding

### with U-shape front plate

■ latch and dead bolt 1 mm protruding

Artno.	Pre-Setting	Back- set	U-shape front plate
01.108.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 15) 9 mm square follower
- 37) latch fixing (by slider)
- 54) latch 3 mm protruding







6

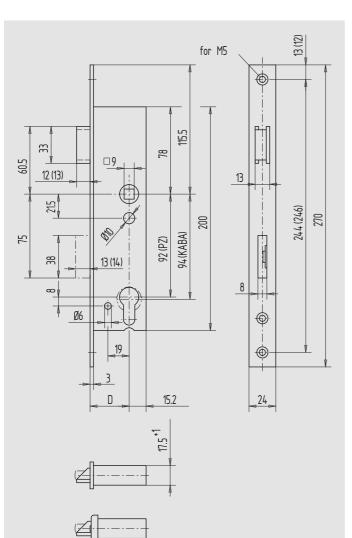


Illustration shows right handed version (...) = U-shape front plate

(6)

#### Mortise lock,

#### with flat front plate



- 92 mm distance
- with key action on latch bolt
- 9 mm square
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.110.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.110.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.110.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.110.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.111.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.111.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.111.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.111.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)
- 59) latch fixing (by key)

Attention	Option 02) only for 30 - 40 mm backset
	Option 16) from 35 mm backset

#### with U-shape front plate



■ latch and dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.110.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.111.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)
- 59) latch fixing (by key)



### 13 (12) for M5 $\bigcirc$ 115.5 28 12 (13) 13 270 200 (KABA) 92 (PZ) 75 13 (14) 88 76 Ø6 $\bigoplus$ 19 • D 15.2 24

Illustration shows right handed version (...) = U-shape front plate

(6)

#### Panic mortise lock, function B







1

#### with flat front plate

- function B (switching function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- without key action on latch bolt
- for single-leaf doors
- 9 mm square
- divided follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.112.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.112.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.112.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.112.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.113.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.113.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.113.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.113.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)

Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset

#### with U-shape front plate







6

■ latch and dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.112.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.113.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)

Information

Suitable strike plates see page 125





### for M5 **⊕** 115.5 $\mathbb{R}$ 28 12 (13) 13 215 244 (246) 270 200 94 (KABA) 88 œ Ø6 0 19 **(** 15.2 24



## Panic mortise lock, function E







#### with flat front plate

- function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- for single-leaf doors
- 9 mm square
- persistant follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.114.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.114.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.114.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.114.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.115.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.115.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.115.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.115.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)
- 59) latch fixing (by key)

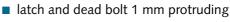
Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset

#### with U-shape front plate









Artno.	Direction	Back- set	U-shape front plate
01.114.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.115.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)
- 59) latch fixing (by key)



### 13 (12) for M5 $\bigcirc$ 115.5 28 12 (13) 13 270 200 (KABA) 92 (PZ) 75 13 (14) 88 76 Ø6 $\bigoplus$ 19 • D 15.2 24

Illustration shows right handed version (...) = U-shape front plate

(6)

#### Panic mortise lock, function D







1

#### with flat front plate

- function D (passage function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- without key action on latch bolt
- for single-leaf doors
- 9 mm square
- divided follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.116.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.116.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.116.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.116.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.117.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.117.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.117.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.117.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)

Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset

#### with U-shape front plate







6

■ latch and dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.116.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.117.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)

Information

Suitable strike plates see page 125





#### for M5 3 115.5 8 28 60.5 12 (13) 13 270 200 94 (KABA) 92 (PZ) 7 8 0 Ø6 $\bigoplus$ 19 **(** D 15.2 24

### Illustration shows right handed version (...) = U-shape front plate

(6)

### Panic mortise lock, function B, for double-leaf doors with flat front plate







- function B (switching function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- without key action on latch bolt
- 9 mm square
- divided follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.118.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.118.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.118.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.118.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.119.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.119.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.119.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.119.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)

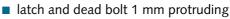
Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset

#### with U-shape front plate









Artno.	Direction	Back- set	U-shape front plate
01.118.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.119.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)

#### Accessories:

Panic-counter boxes (acc. to EN 179 + 1125) see **page 42** Top lock with sliding-plug **page 166** 





#### 3 82 □9 60.5 12 (13) 13 270 200 (KABA) 33 92 (PZ) 8 13 (14) 76 Ø6 0 19 **(** D 15.2 24.





Illustration shows right handed version (...) = U-shape front plate

#### Panic mortise lock, function E, for double-leaf doors with flat front plate







1

- function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 9 mm square
  - persistant follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.120.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.120.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.120.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.120.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.121.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.121.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.121.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.121.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)
- 59) latch fixing (by key)

Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset

#### with U-shape front plate







5

■ latch and dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.120.xxxx.426	right hand	34	Stainless Steel V2A, matt brushed
01.121.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)
- 59) latch fixing (by key)

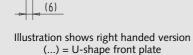
#### Accessories:

Panic-counter boxes (acc. to EN 179 + 1125) see page 42 Top lock with sliding-plug page 166





### for M5 3 115.5 8 28 60.5 12 (13) 13 270 200 94 (KABA) 92 (PZ) 7 8 0 Ø6 $\bigoplus$ 19 **(** D 15.2 24



### Panic mortise lock, function D, for double-leaf doors with flat front plate







- function D (passage function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- without key action on latch bolt
- 9 mm square
- divided follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.122.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.122.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.122.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.122.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.123.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.123.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.123.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.123.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)

Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset

#### with U-shape front plate









Artno.	Direction	Back- set	U-shape front plate
01.122.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.123.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)

#### Accessories:

Panic-counter boxes (acc. to EN 179 + 1125) see page 42 Top lock with sliding-plug page 166





# (12) for M5 $\mathfrak{S}$ 12.5 163) 165.5 128 8 8 □9 60.5 12 (13) 13 294 (296) 320 .22 94 (KABA) 7 8 Ø6 $\oplus$ 15.2 24

Illustration shows right handed version (...) = U-shape front plate

(6)

# Mortise lock with additional interlock, function L + W



# with flat front plate

- additional interlock
- locking function L + W (idling function with key action on latch bolt)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- for single- and double-leaf doors
- 9 mm square
- persistant follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.130.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.130.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.130.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.130.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.131.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.131.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.131.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.131.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 50) with reinforced spring
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)

Attention	Option 02) only for 30 - 40 mm backset
	Option 16) from 35 mm backset
	Option 50) from 2500 mm door height

# with U-shape front plate



6

■ latch and dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.130.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.131.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 50) with reinforced spring
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)

Attention	Option 50) from 2500 mm door height

#### Accessories:

Panic-counter boxes (acc. to EN 179 + 1125) see page 42 Top lock with sliding-plug page 166 Strike plate, latch and accessories see page 166

Information Suitable strike plates see page 125





# (12) for M5 $\Theta$ (193) 165.5 128 33 8 □9 60.5 12 (13) 13 294 (296) 320 23 73 88 Ø6 $\oplus$ 15.2 24

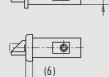


Illustration shows right handed version (...) = U-shape front plate

# Panic mortise lock with additional interlock, function E with flat front plate







- additional interlock
- function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- for single- and double-leaf doors
- 9 mm square
- persistant follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.132.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.132.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.132.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.132.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.133.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.133.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.133.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.133.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 50) with reinforced spring
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)
- 59) latch fixing (by key)

Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset
	Version 50) from 2500 mm door height

# with U-shape front plate









Artno.	Direction	Back- set	U-shape front plate
01.132.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.133.3400.426	left hand	34	Stainless Steel V2A, matt brushed

# Further options:

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 50) with reinforced spring
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)
- 59) latch fixing (by key)

Version 50) from 2500 mm door height Attention

# Accessories:

Panic-counter boxes (acc. to EN 179 + 1125) see page 42 Top lock with sliding-plug page 166 Strike plate, latch and accessories see page 166

Information Suitable strike plates see page 125









# 13 (12) for M5 (163) 165.5 128 85 60.5 □9 12 (13) 13 320 22 294 94 (KABA) 75 92 (PZ) 8 13 (14) Ø6 $\oplus$ 19 15.2

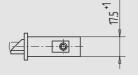




Illustration shows right handed version (...) = U-shape front plate

# Panic mortise lock with additional interlock, function B with flat front plate







- additional interlock
- function B (switching function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- without key action on latch bolt
- for single- and double-leaf doors
- 9 mm square
- divided follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.134.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.134.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.134.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.134.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.135.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.135.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.135.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.135.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 50) with reinforced spring
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)

Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset
	Version 50) from 2500 mm door height

# with U-shape front plate







6

■ latch and dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.134.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.135.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 50) with reinforced spring
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)

Attention	Version 50) from 2500 mm door height

# Accessories:

Panic-counter boxes (acc. to EN 179 + 1125) see page 42 Top lock with sliding-plug page 166 Strike plate, latch and accessories see page 166

Information Suitable strike plates see page 125







33

215

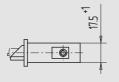
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# 13 (12) for M5 **(A)** 49,5° 12.5 (163) 165.5 128 83 □9 13 12 (13) 320 29\_ 294 ( 94 (KABA) 13 (14) Ø6 $\bigoplus$

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15.2

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D



Illustration shows right handed version (...) = U-shape front plate

# Panic mortise lock with additional interlock, function E, for double-leaf doors







# with flat front plate

- additional interlock
- function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 9 mm square
- persistant follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.136.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.136.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.136.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.136.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.137.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.137.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.137.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.137.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 50) with reinforced spring
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)
- 59) latch fixing (by key)

Attention	Version 02) only for 30 - 40 mm backset Version 16) from 35 mm backset
	Version 50) from 2500 mm door height

# with U-shape front plate









Artno.	Direction	Back- set	U-shape front plate
01.136.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.137.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 50) with reinforced spring
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)
- 59) latch fixing (by key)

Attention	Version 50)	from 2500	mm	door	height
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# Accessories:

Panic-counter boxes (acc. to EN 179 + 1125) see page 42 Top lock with sliding-plug page 166 Strike plate, latch and accessories see page 166







# 13 (12) for M5 0 12.5 165.5 128 33 8 13 12 (13) (367) 320 220 294 (KABA) (PZ) 92 8 13 (14) 8 Ø6 0 19 1 D 24

Illustration shows right handed version (...) = U-shape front plate

(6)

# Panic mortise lock with additional interlock, function B, for double-leaf doors







1

# with flat front plate

- additional interlock
- function B (switching function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- without key action on latch bolt
- 9 mm square
- divided follower
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.138.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.138.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.138.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.138.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.139.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.139.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.139.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.139.4500.426	left hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 50) with reinforced spring
- 51) latch and dead bolt 3 mm protruding (only 35 mm backset)

Attention	Version 02) only for 30 - 40 mm backset
	Version 16) from 35 mm backset
	Version 50) from 2500 mm door height

# with U-shape front plate







6

■ latch and dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.138.3400.426	right hand	34	Stainless Steel V2A, matt brushed
01.139.3400.426	left hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 03) latch and dead bolt 6 mm protruding
- 16) micro-switch for dead bolt control
- 17) panic function inward (not according to EN 1125)
- 50) with reinforced spring
- 52) latch and dead bolt 4 mm protruding (only 34 mm backset)

Attention	Version 50) from 2500 mm door height	
Attention	version 50) from 2500 mm door neight	

# Accessories:

Panic-counter boxes (acc. to EN 179 + 1125) see page 42 Top lock with sliding-plug page 166 Strike plate, latch and accessories see page 166





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□12

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WSS

13 (12)

244 (246)

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Stroke approx. 12mm

(...) = U-shape front plate

(1)

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# Panic counter box EN 179 + 1125, for double-leaf doors with flat front plate







- 9 mm square
- right and left hand usable
- to use with top lock art.-no. 01.141.0000.010
- angle of rotation 35°
- connectors thread M5

Artno.	Backset	Flat front plate
01.144.3000.426	30	Stainless Steel V2A, matt brushed
01.144.3500.426	35	Stainless Steel V2A, matt brushed
01.144.4000.426	40	Stainless Steel V2A, matt brushed
01.144.4500.426	45	Stainless Steel V2A, matt brushed
01.144.5500.426	55	Stainless Steel V2A, matt brushed
01.144.6500.426	65	Stainless Steel V2A, matt brushed

#### Accessories:

Rod guiding page 168 Locking cavity **page 172** Top lock page 166 Locking pieces, top and bottom page 172 Connecting rod page 169

# with U-shape front plate







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N 17	MPA
Z Z	[[4644]

Artno.	Backset	U-shape front plate
01.144.3400.426	34	Stainless Steel V2A, matt brushed

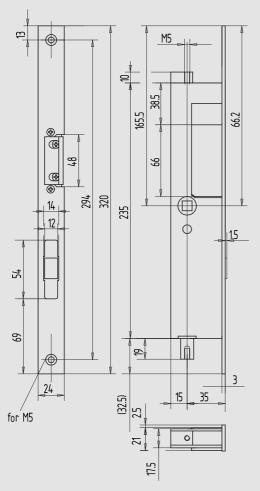
### Accessories:

Rod guiding with U-shape front plate page 168 Locking cavity page 172 Top lock page 166 Locking pieces, top and bottom page 172 Connecting rod page 169









(...) = U-shape front plate

# Panic counter box with electric strike mod. 143 EN 179 + 1125, for double-leaf doors with flat front plate







1

- 9 mm square
- self-locking, to use with top lock art.-no. 01.141.0000.010
- connectors thread M5
- angle of rotation 35°

Artno.	Direction of active-leaf	Back- set	Flat front plate
01.146.3500.426	right	35	Stainless Steel V2A, matt brushed
01.146.4000.426	right	40	Stainless Steel V2A, matt brushed
01.146.5500.426	right	55	Stainless Steel V2A, matt brushed
01.146.6500.426	right	65	Stainless Steel V2A, matt brushed
01.147.3500.426	left	35	Stainless Steel V2A, matt brushed
01.147.4000.426	left	40	Stainless Steel V2A, matt brushed
01.147.5500.426	left	55	Stainless Steel V2A, matt brushed
01.147.6500.426	left	65	Stainless Steel V2A, matt brushed

#### Further option:

32) with feedback signal

#### Accessories:

Rod guiding page 168 Locking cavity page 172 Top lock (Set 5) page 166 Top lock (Set 6) page 166 Locking pieces, top and bottom page 172 Connecting rod page 169

# with U-shape front plate







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Artno.	Direction of active-leaf	Back- set	U-shape front plate
01.146.3400.426	right	34	Stainless Steel V2A, matt brushed
01.147.3400.426	left	34	Stainless Steel V2A, matt brushed

# Further option:

32) with feedback signal

#### Accessories:

Rod guiding with U-shape front plate page 168 Locking cavity page 172 Top lock (Set 5) page 166 Top lock (Set 6) page 166 Locking pieces, top and bottom page 172 Connecting rod page 169









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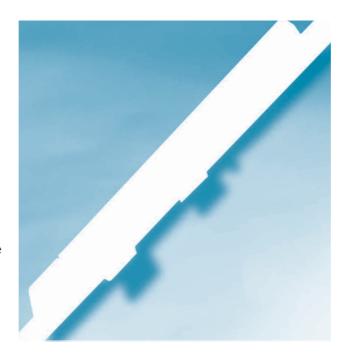
# Self-locking panic locks for tubular frame doors

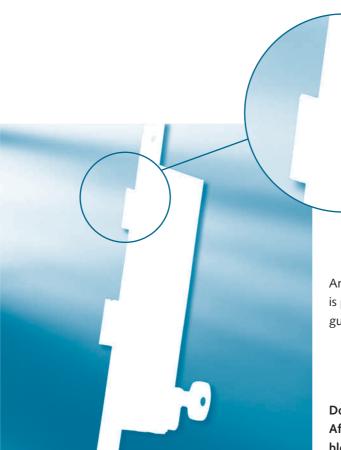
The self-locking panic locks lock automatically after closing the door.

They are available in mechanical and electromotive version. Both versions are proven according to EN 179 and EN 1125. The versions begin with a small backset of 35 mm.

Additionally to the self-locking panic locks, our range provides also multi-point-locks with mechanical or electromotive self-locking function.

Electromotive panic locks and multi-point locks are usable in complex systems as well as in a stand-alone mode.





An integration to existing security- and tracking systems is possible. The mechanical locking function of the locks guarantees maximum security also while a power outage.

Double point locking: After switching out the dead bolt, the latch is blocked additionally.

# 13 (12) for M5 **®** 15.5 82.2 79.5 61 12.5 (13.5) 2 270 203.1 613 94 (KABA) 33 20 (21) • (1) D 24 16.5

Illustration shows right handed version (...) = U-shape front plate

(6)

# Self-locking panic lock, function E





# with flat front plate

- function E (latch lever function)
- dead bolt and latch lock automatically after shutting the door
- prepared for profile cylinder (1-turn), steel dead bolt 20 mm protruding
- 92 mm distance
- with key action on latch bolt
- for single-leaf doors
- 9 mm square
- persistant follower
- latch 2 mm protruding, dead bolt flush
- reversible latch
- with control latch 4,5 mm protruding (+2 mm adjustable)

Artno.	Direction	Back- set	Flat front plate
01.150.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.150.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.150.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 112) sl-special function "long-term-open" by dead bolt arrester (by slider)

#### Accessories:

Strike plates for self-locking panic locks page 136

# with U-shape front plate





5

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- latch 3 mm protruding, dead bolt 1 mm protruding
- control latch 5,5 mm protruding (+2 mm adjustable)

Artno.	Direction	Back- set	U-shape front plate
01.150.3400.426	right hand	34	Stainless Steel V2A, matt brushed

# Further options:

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 112) sl-special function "long-term-open" by dead bolt arrester (by slider)

#### Accessories:

Strike plates for self-locking panic locks page 137









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20 (21)

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for M5

115.5

94 (KABA)

92 (PZ)

(6)

Illustration shows right handed version (...) = U-shape front plate

203.5

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(246)

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# Self-locking panic lock, function E, for double-leaf doors with flat front plate





- function E (latch lever function)
- dead bolt and latch lock automatically after shutting the
- prepared for profile cylinder (1-turn), steel dead bolt 20 mm locking
- 92 mm distance
- with key action on latch bolt
- for double-leaf doors
- 9 mm square
- persistant follower
- latch 2 mm protruding, dead bolt flush
- reversible latch
- with control latch 4,5 mm protruding (+2 mm adjustable)

Artno.	Direction	Back- set	Flat front plate
01.152.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.152.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.152.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### Further options:

01) prepared for KABA-/KESO cylinder

16) micro-switch for dead bolt control

112) sl-special function "long-term-open" by dead bolt arrester (by slider)

# with U-shape front plate





■ latch 3 mm, dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.152.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

16) micro-switch for dead bolt control

112) sl-special function "long-term-open" by dead bolt arrester (by slider)

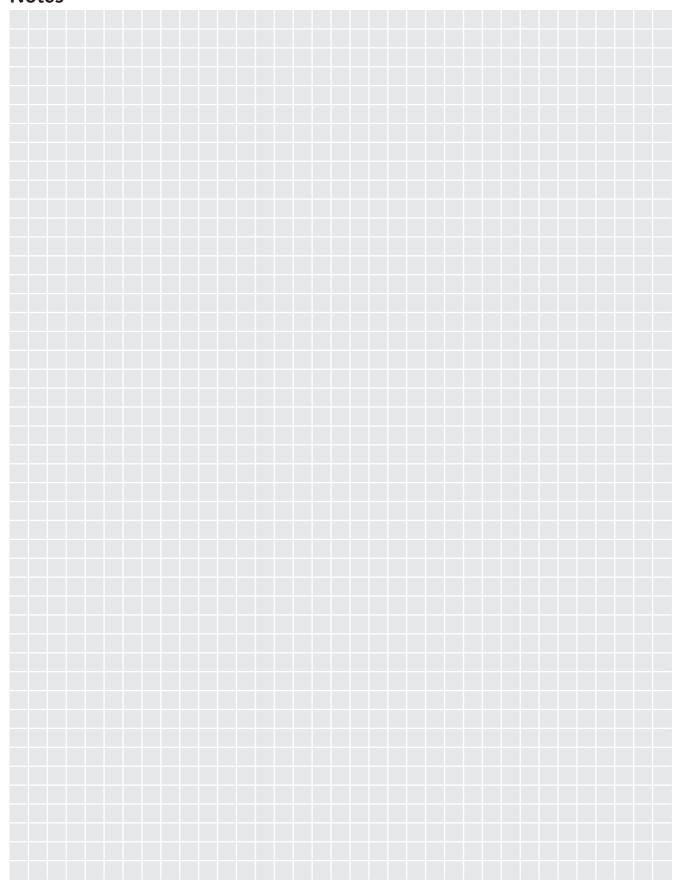








# **Notes**



# Motor lock, single point

EN 179/EN 1125 with self-locking mechanism.

- for single- and double leaf doors acc. to EN 179 and EN 1125
- compact control- and power supply unit, installation into the frame-profile
- built-in readcontact, magnet integrated into the strike plate no seperate installation needed
- variable voltage supply 10-30 V DC
- all connections "plug and play"
- pre-set cable transmissions
- adjustable opening time
- electric opening assistant
- defence meachanism against sabotage

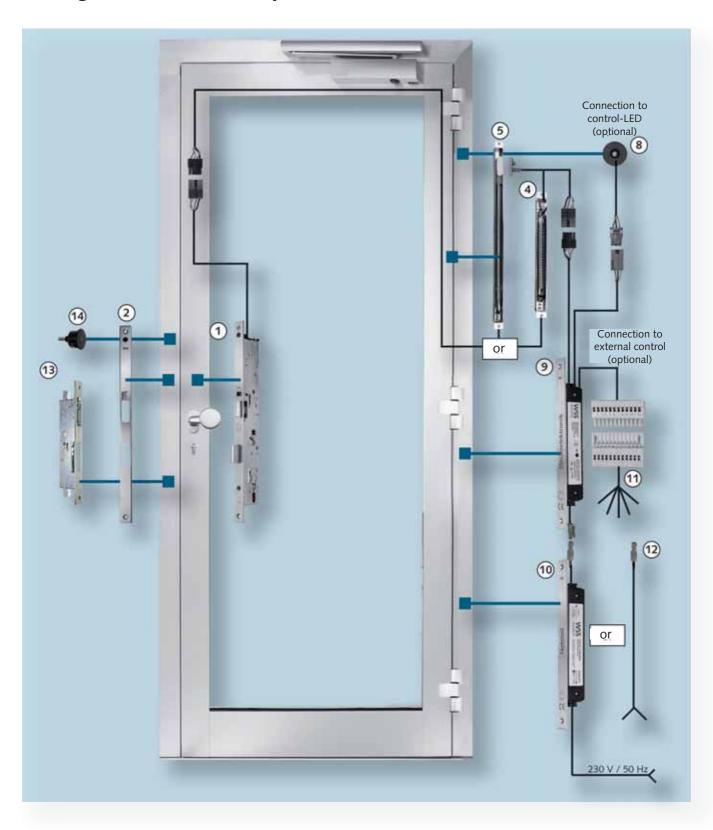
# Standard scope of supply

III	Leaf(s)		Description	Art No			
Illust.	1	2	Descriptio	n	ArtNo.		
1	•	•	Self-lockin	g panic motor lock with locking function E (latch lever function)	depending on version		
9	•	•	Control un	it with stainless steel front plate for motor lock	01.195.0000.000		
10	•	•	Power sup	ply unit with stainless steel front plate for motor lock	01.198.0100.000		
13	_	•	Panic coun	Panic counterbox for single-point-lock			
			either	U-shape strike plate with magnet for the readcontact of the motor lock	01.730.2416.426		
2	•	-	_	or	Flat strike plate with magnet for the readcontact of the motor lock	01.730.2413.426	
5	•	•	either	either Cable transmission short, dividable, cable length 5m, for max. opening angle 90°			
4	• or Cable transmission long, cable length inside for max. opening angle >90°		or	Cable transmission long, cable length inside the door leaf 5 m, frame 750 mm for max. opening angle $>\!90^\circ$	05.803.0000.026		
14	_	•	Magnet in	mounting bracket	K0066846		

# **Accessories**

Illust.	Description	ArtNo.
8	Display (status indication), inside or outside	01.196.0100.000
7	Cable extension for display, 1,5 m	01.193.0200.000
,	Cable extension for display, 3 m	01.193.0300.000
11	Connecting cable for control unit, 12-pole, 10 mm g	01.192.0200.000
3	Extension from cable transmission to the lock, 5 m	01.192.0100.000
6	Extension from the cable transmission to the control unit, 10 m	01.193.0100.000
12	Connection cable for OEM control unit	01.198.0200.000

# **Configuration of the components**



All system components are harmonized and have not to be combined with external products.

\*CAUTION! The control unit has to be used with a CE-compliant power supply unit with correspondent parameters.

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20 (21)

# Self-locking panic motor lock, panic function E,





# with flat front plate

- automatical, mechanical locking when closing the door
- electromotive or mechanical (by cylinder) release
- electromotive opening <1,5 seconds
- built-in readcontact in lock front plate
- prepared for profile cylinder (1-turn)
- with key action on latch bolt
- 9 mm follower

(376)

374

14

3315

94 (KABA)

Illustration shows right handed version (...) = U-shape front plate

119.5

- 20 mm bolt throw
- persistant follower
- reversible latch
- latch 2 mm protruding, dead bolt flush
- control latch 4,5 mm vorstehend, adjustable +2 mm
- power supply (12V DC) by control unit
- protection class IP 20
- prepared for WSS control unit

Artno.	Direction	Back- set	Flat front plate
01.154.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.154.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.154.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

#### Accessories:

Strike plates for self-locking panic locks page 136

# with U-shape front plate





- latch 3 mm protruding, dead bolt 1 mm protruding
- with control latch 5,5 mm protruding (adjustable +2 mm)

•			
Artno.	Direction	Back- set	U-shape front plate
01.154.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

#### Accessories:

Strike plates for self-locking panic locks page 137





Illustration shows right handed version (...) = U-shape front plate

# Self-locking panic motor lock, function E, for double-leaf doors



1

# with flat front plate

- function E (latch lever function)
- dead bolt and latch lock automatically after shutting the door (while locking process mechanical = independent of power supply)
- electromotive or mechanical (by cylinder) release
- activation by transponder or radio control
- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- for double-leaf doors (special dead bolt)
- 9 mm square
- persistant follower
- latch 2 mm protruding, dead bolt flush
- reversible latch
- control latch 4,5 mm protruding
- voltage 12 V DC, power input 500 mA
- long-term-open-function (motor without power)

4	Artno.	Direction	Back- set	Flat front plate
(	01.156.3500.426	right hand	35	Stainless Steel V2A, matt brushed
(	01.156.4000.426	right hand	40	Stainless Steel V2A, matt brushed
(	01.156.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

# with U-shape front plate





6

■ latch 3 mm, dead bolt 1 mm protruding

Artno.	Direction	Back- set	U-shape front plate
01.156.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder



SI-panic counter boxes page 54

Only with control, see page 55 Information





156

458

51.5

(50.5)

899

9

∟16.5

D 'ı

92 (PZ) 94 (KABA)

119.5

195

170

212

408

170

245

24

507.5

156

1700

띴

(21)

4.5+2

12.5

(13.5)

20

(21)

743

745

# Self locking panic multi-point-lock, function E



# with flat front plate

- function E (latch lever function)
- automatically locking after shutting the door (mechanical = power independent)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- for single-leaf doors
- 9 mm square
- persistant follower
- latch 2 mm protruding, dead bolt flush
- reversible latch
- control latch 4,5 mm protruding (+2 mm adjustable)

Artno.	Direction	Back- set	Flat front plate
01.166.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.166.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.166.4500.426	right hand	45	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

16) micro-switch for dead bolt control

#### Accessories:

Strike plates for self-locking panic locks page 136

# with U-shape front plate



- latch 3 mm protruding, dead bolt 1 mm protruding
- control latch 5,5 mm protruding (+2 mm adjustable)

Artno.	Direction	Back- set	U-shape front plate
01.166.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

16) micro-switch for dead bolt control

#### Accessories:

Strike plates for self-locking panic locks page 137

# Illustration shows right handed version (...) = U-shape front plate



1

Illustration shows right handed version (...) = U-shape front plate

# Self locking panic multi-point-lock, function E, with motor

# with flat front plate

- function E (latch lever function)
- automatically locking after shutting the door
- electromotive or mechanical release (cylinder)
- activation by transponder or radio-control
- prepared for profile cylinder (1-turn)
- 92 mm distance
- for single-leaf doors
- 9 mm square
- persistant follower
- latch 2 mm protruding, dead bolt flush
- reversible latch
- control latch 4,5 mm protruding (+2 mm adjustable)
- working voltage 12 volts DC (direct current), current consumption
- also compatible with automatic door drives

Artno.	Direction	Back- set	Flat front plate
01.170.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.170.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.170.4500.426	right hand	45	Stainless Steel V2A, matt brushed

### **Further options:**

01) prepared for KABA-/KESO cylinder

#### Accessories:

Strike plates for self-locking panic locks page 136

# with U-shape front plate



5

6

- latch 3 mm protruding, dead bolt 1 mm protruding
- control latch 5,5 mm protruding (+2 mm adjustable)

Artno.	Direction	Back- set	U-shape front plate
01.170.3400.426	right hand	34	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

### Accessories:

Strike plates for self-locking panic locks page 137



13 (12)

244 (246)

99

\_14

 $\oplus$ 

115.5

200

stroke approx 12mm

( 34 )

35

(...) = U-shape front plate

•





- for double-leaf doors
- 9 mm square

SW2.5

2 +3

right and left hand usable

Artno.	Backset	Flat front plate
01.182.3500.426	35	Stainless Steel V2A, matt brushed
01.182.4000.426	40	Stainless Steel V2A, matt brushed
01.182.4500.426	45	Stainless Steel V2A, matt brushed
01.182.5500.426	55	Stainless Steel V2A, matt brushed
01.182.6500.426	65	Stainless Steel V2A, matt brushed

#### Accessories:

Rod guiding page 168 Locking cavity page 172 Top lock page 166 Locking pieces, top and bottom page 172 Connecting rod page 169

# with U-shape front plate





Artno.	Backset	U-shape front plate
01.182.3400.426	34	Stainless Steel V2A, matt brushed

#### Accessories:

Rod guiding page 168 Locking cavity page 172 Top lock page 166 Locking pieces, top and bottom page 172 Connecting rod page 169

Panic counter box for SI-locks
with flat front plate

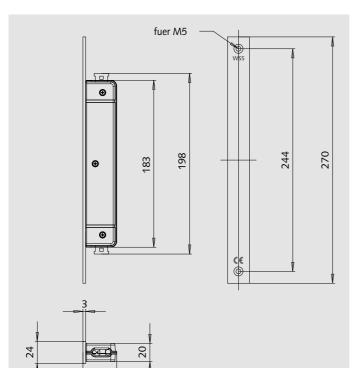






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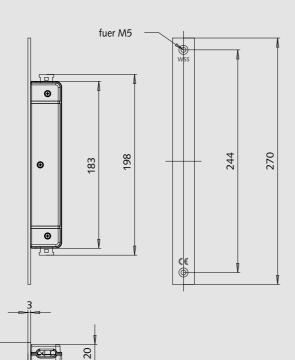


37

# Power supply unit

- for installation in the frame profile
- 12 Volts
- for installation on wall
- black PVC case

01.198.0100.000



# **Control unit for motor lock**

- to be installed inside the frame profile
- black PVC case

Art.-no.

01.195.0000.000





# **Display**

- for inside and outside
- color: black

Art.-no.

01.196.0100.000

# Connecting cable

- lock / cable transmission
- 10 m long
- color: black

Art.-no.

01.192.0100.000

# Connecting cable 12-poles

- for control
- 10 m long
- color: black

Art.-no.

01.192.0200.000

# **Extension cable**

- cable transmission / control electronic (for external control)
- 10 m long
- color: black

Art.-no.

01.193.0100.000

# Connecting cable

- basic version
- 12 Volts / +2 pole
- color: black

Art.-no.

01.197.0100.000

# **Connecting cable**

- for external power supply unit
- 12 / 24 Volts

Art.-no.

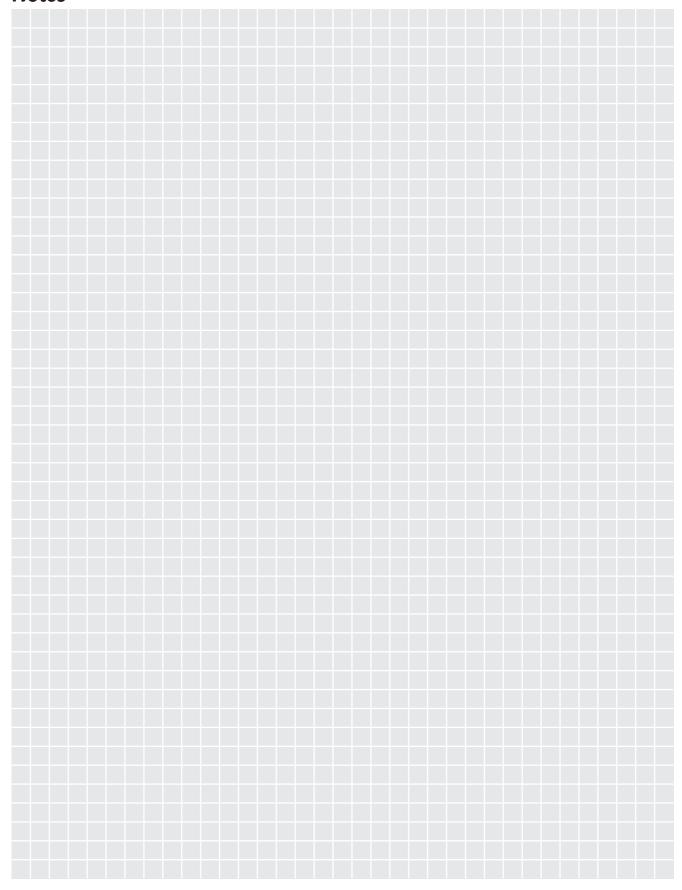
01.198.0200.000







# **Notes**



WSS

- for single-leaf doors (max. 1300 x 2500 mm)
- normal version



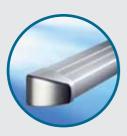


see page 210



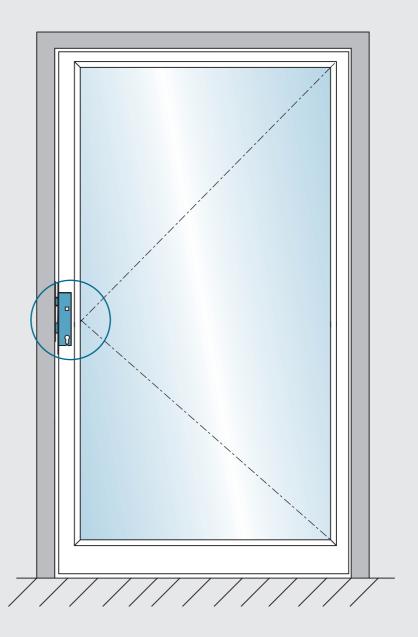


see page 122





see page 120











# consisting of:

- panic lock (function E, D, B) with stainless steel front plate
- strike plate

# Locking function E (latch lever function)

Artno.	Direction	Backset	Front plate
01.200.3000	right hand	30	Flat front plate
01.200.3500	right hand	35	Flat front plate
01.200.4000	right hand	40	Flat front plate
01.200.4500	right hand	45	Flat front plate
01.200.3400	right hand	34	U-shape front plate
01.201.3000	left hand	30	Flat front plate
01.201.3500	left hand	35	Flat front plate
01.201.4000	left hand	40	Flat front plate
01.201.4500	left hand	45	Flat front plate
01.201.3400	left hand	34	U-shape front plate

#### Locking function D (passage function)

Artno.	Direction	Backset	Front plate
01.202.3000	right hand	30	Flat front plate
01.202.3500	right hand	35	Flat front plate
01.202.4000	right hand	40	Flat front plate
01.202.4500	right hand	45	Flat front plate
01.202.3400	right hand	34	U-shape front plate
01.203.3000	left hand	30	Flat front plate
01.203.3500	left hand	35	Flat front plate
01.203.4000	left hand	40	Flat front plate
01.203.4500	left hand	45	Flat front plate
01.203.3400	left hand	34	U-shape front plate

# Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.204.3000	right hand	30	Flat front plate
01.204.3500	right hand	35	Flat front plate
01.204.4000	right hand	40	Flat front plate
01.204.4500	right hand	45	Flat front plate
01.204.3400	right hand	34	U-shape front plate
01.205.3000	left hand	30	Flat front plate
01.205.3500	left hand	35	Flat front plate
01.205.4000	left hand	40	Flat front plate
01.205.4500	left hand	45	Flat front plate
01.205.3400	left hand	34	U-shape front plate

Panic-c	Panic-device version codes		
000	Independent of profile system		
001	Strike plate, closed for outward opening doors Please specify the profile series!		
002	Strike plate for electric strike, for outward opening doors Please specify the profile series!		

#### Further options:

01) prepared for KABA-/KESO cylinder 16) micro-switch for dead bolt control 59) latch fixing (by key)

Accessories Suitable door handles see TK 1 chapter 2.





- for single-leaf doors (max. 1300 x 2500 mm)
- with additional interlock

WSS



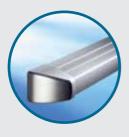
DIN EN **179** 

see page 210



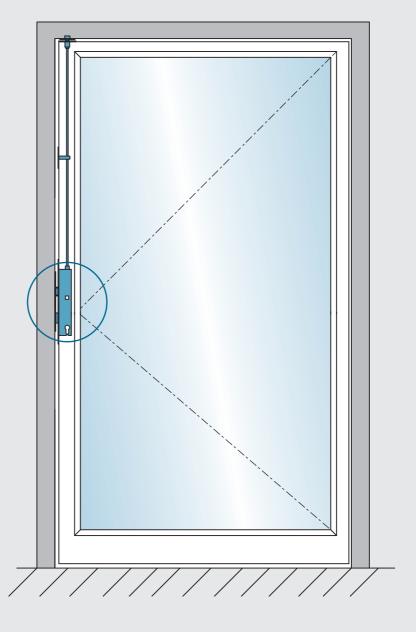
DIN EN **1125** 

see page 122



DIN EN **1125** 

see page 120













# consisting of:

- panic lock (function E, B) with stainless steel front plate
- strike plate
- connection rod for additional interlock (standard length 1550 mm)
- latch for additional interlock
- locking hutch for additional interlock (top)
- rod guide

# Locking function E (latch lever function)

Artno.	Direction	Backset	Front plate
01.206.3000	right hand	30	Flat front plate
01.206.3500	right hand	35	Flat front plate
01.206.4000	right hand	40	Flat front plate
01.206.4500	right hand	45	Flat front plate
01.206.3400	right hand	34	U-shape front plate
01.207.3000	left hand	30	Flat front plate
01.207.3500	left hand	35	Flat front plate
01.207.4000	left hand	40	Flat front plate
01.207.4500	left hand	45	Flat front plate
01.207.3400	left hand	34	U-shape front plate

# Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.208.3000	right hand	30	Flat front plate
01.208.3500	right hand	35	Flat front plate
01.208.4000	right hand	40	Flat front plate
01.208.4500	right hand	45	Flat front plate
01.208.3400	right hand	34	U-shape front plate
01.209.3000	left hand	30	Flat front plate
01.209.3500	left hand	35	Flat front plate
01.209.4000	left hand	40	Flat front plate
01.209.4500	left hand	45	Flat front plate
01.209.3400	left hand	34	U-shape front plate

Panic-c	levice version codes	
000	Independent of profile system	
001	Strike plate, closed for outward opening doors Please specify the profile series!	
002	Strike plate for electric strike, for outward opening doors Please specify the profile series!	

#### Further options:

	•
01)	prepared for KABA-/KESO cylinder
16)	micro-switch for dead bolt control
501	latch fixing (by koy)

Accessories	Suitable door handles see TK 1 chapter 2.
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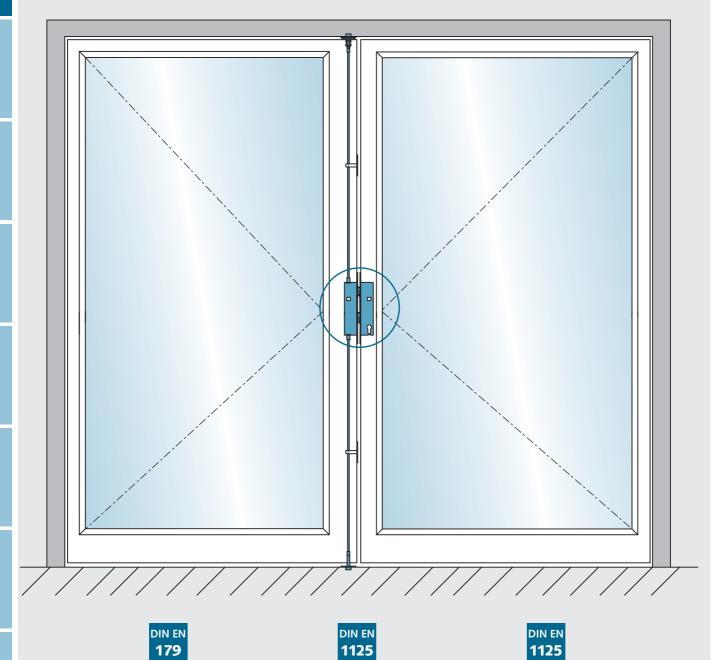
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WSS

- for double-leaf doors (each max. 1300 x 2500 mm)
- normal version

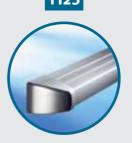








see page 122



see page 120









# consisting of:

#### active-leaf:

panic lock (function E, D, B) with stainless steel front plate

### passive-leaf:

- panic counter box with stainless steel front plate
- top lock (passive-leaf)
- rod guide top and bottom optional
- connection rod with locking piece top and bottom (standard length 1550 mm)
- adjustable locking hutch, top and bottom

# Locking function E (latch lever function)

	Artno.	Direction	Backset	Front plate
	01.210.3000	right hand	30	Flat front plate
	01.210.3500	right hand	35	Flat front plate
	01.210.4000	right hand	40	Flat front plate
	01.210.4500	right hand	45	Flat front plate
	01.210.3400	right hand	34	U-shape front plate
	01.211.3000	left hand	30	Flat front plate
	01.211.3500	left hand	35	Flat front plate
	01.211.4000	left hand	40	Flat front plate
	01.211.4500	left hand	45	Flat front plate
	01.211.3400	left hand	34	U-shape front plate

#### Locking function D (passage function)

Artno.	Direction	Backset	Front plate
01.212.3000	right hand	30	Flat front plate
01.212.3500	right hand	35	Flat front plate
01.212.4000	right hand	40	Flat front plate
01.212.4500	right hand	45	Flat front plate
01.212.3400	right hand	34	U-shape front plate
01.213.3000	left hand	30	Flat front plate
01.213.3500	left hand	35	Flat front plate
01.213.4000	left hand	40	Flat front plate
01.213.4500	left hand	45	Flat front plate
01.213.3400	left hand	34	U-shape front plate

#### **Locking function B (switching function)**

Artno.	Direction	Backset	Front plate
01.214.3000	right hand	30	Flat front plate
01.214.3500	right hand	35	Flat front plate
01.214.4000	right hand	40	Flat front plate
01.214.4500	right hand	45	Flat front plate
01.214.3400	right hand	34	U-shape front plate
01.215.3000	left hand	30	Flat front plate
01.215.3500	left hand	35	Flat front plate
01.215.4000	left hand	40	Flat front plate
01.215.4500	left hand	45	Flat front plate
01.215.3400	left hand	34	U-shape front plate

Panic-o	device version codes	
000	Independent of profile system	
003	Passive-leaf with Z-profile Please specify the profile series!	
004	Passive-leaf with forend profile Please specify the profile series!	

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 59) latch fixing (by key)

Accessories	Suitable door handles see TK 1 chapter 2.		
Information	We suggest the installation of an actuator hatch! There are also special versions of counterboxes available with backsets deviating from the main		





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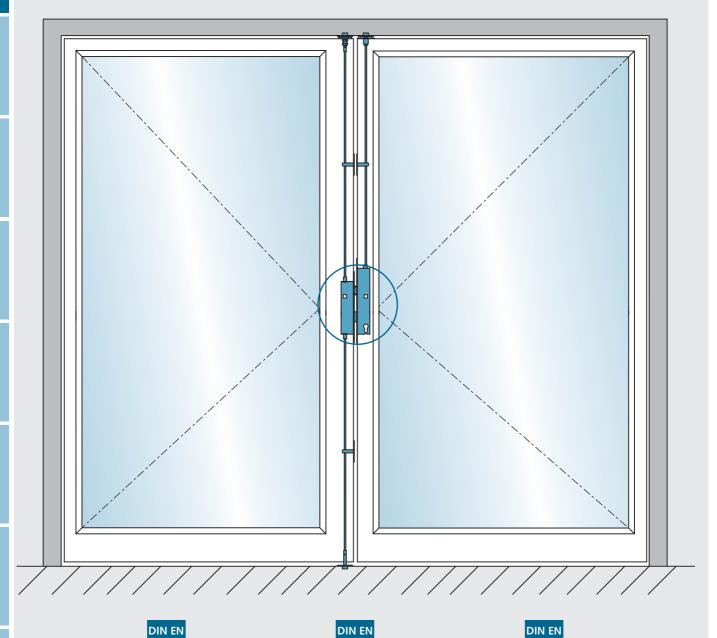
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- for double-leaf doors (each max. 1300 x 2500 mm)
- with additional interlock

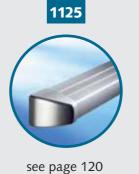
WSS





see page 210





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# consisting of:

#### active-leaf:

- panic lock (function E, B) with stainless steel front plate
- connection rod for additional interlock (standard length 1550 mm)
- latch for additional interlock
- rod guide
- adjustable locking hutch for additional interlock

## passive-leaf:

- panic counter box with stainless steel front plate
- top lock (passive-leaf)
- rod guide top and bottom optional
- connection rod with locking piece top and bottom (standard length 1.550 mm)
- adjustable locking hutch, top and bottom

# Locking function E (latch lever function)

Artno.	Direction	Backset	Front plate
01.216.3000	right hand	30	Flat front plate
01.216.3500	right hand	35	Flat front plate
01.216.4000	right hand	40	Flat front plate
01.216.4500	right hand	45	Flat front plate
01.216.3400	right hand	34	U-shape front plate
01.217.3000	left hand	30	Flat front plate
01.217.3500	left hand	35	Flat front plate
01.217.4000	left hand	40	Flat front plate
01.217.4500	left hand	45	Flat front plate
01.217.3400	left hand	34	U-shape front plate

# Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.218.3000	right hand	30	Flat front plate
01.218.3500	right hand	35	Flat front plate
01.218.4000	right hand	40	Flat front plate
01.218.4500	right hand	45	Flat front plate
01.218.3400	right hand	34	U-shape front plate
01.219.3000	left hand	30	Flat front plate
01.219.3500	left hand	35	Flat front plate
01.219.4000	left hand	40	Flat front plate
01.219.4500	left hand	45	Flat front plate
01.219.3400	left hand	34	U-shape front plate

Panic-c	device version codes	
000	Independent of profile system	
003	Passive-leaf with Z-profile Please specify the profile series!	
004	Passive-leaf with forend profile Please specify the profile series!	

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 59) latch fixing (by key)

Accessories	Suitable door handles see TK 1 chapter 2.		
Information	We suggest the installation of an actuator hatch! There are also special versions of counterboxes available with backsets deviating from the main		
	lock		





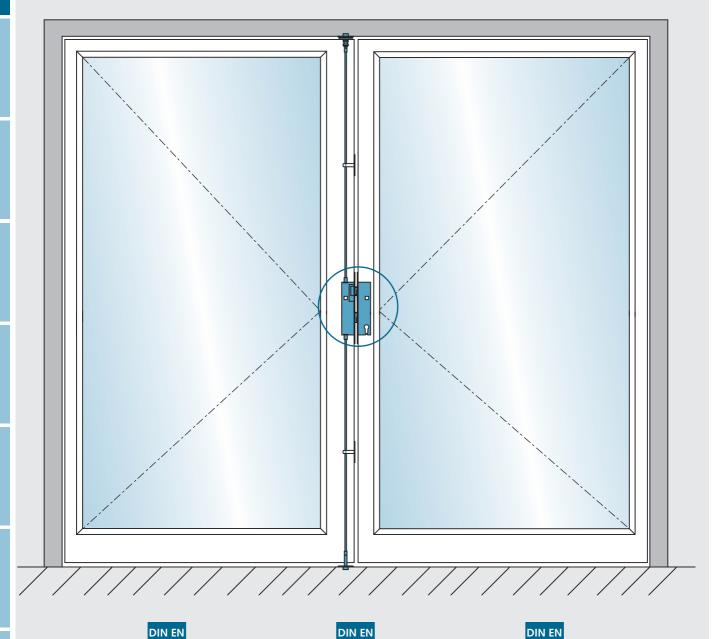
WSS

■ for double-leaf doors (each max. 1300 x 2500 mm)

179

see page 210

normal version



1125

see page 122

1125

see page 120













# consisting of:

### active-leaf:

■ panic lock (function E, B) with stainless steel front plate

# passive-leaf:

- panic counter box with stainless steel front plate, with electric strike
- top lock (passive-leaf)
- rod guide top and bottom optional
- connection rod with locking piece top and bottom (standard length 1550 mm)
- adjustable locking hutch, bottom

# Locking function E (latch lever function)

	Artno.	Direction	Backset	Front plate
	01.220.3000	right hand	30	Flat front plate
	01.220.3500	right hand	35	Flat front plate
	01.220.4000	right hand	40	Flat front plate
	01.220.4500	right hand	45	Flat front plate
	01.220.3400	right hand	34	U-shape front plate
	01.221.3000	left hand	30	Flat front plate
	01.221.3500	left hand	35	Flat front plate
	01.221.4000	left hand	40	Flat front plate
	01.221.4500	left hand	45	Flat front plate
	01.221.3400	left hand	34	U-shape front plate

#### Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.222.3000	right hand	30	Flat front plate
01.222.3500	right hand	35	Flat front plate
01.222.4000	right hand	40	Flat front plate
01.222.4500	right hand	45	Flat front plate
01.222.3400	right hand	34	U-shape front plate
01.223.3000	left hand	30	Flat front plate
01.223.3500	left hand	35	Flat front plate
01.223.4000	left hand	40	Flat front plate
01.223.4500	left hand	45	Flat front plate
01.223.3400	left hand	34	U-shape front plate

Panic-c	levice version codes	
000	Independent of profile system	
003	Passive-leaf with Z-profile Please specify the profile series!	
004	Passive-leaf with forend profile Please specify the profile series!	

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 32) with feedback signal
- 59) latch fixing (by key)

Accessories	Suitable door handles see TK 1 chapter 2.
Information	We suggest the installation of an actuator hatch! There are also special versions of counterboxes available with backsets deviating from the main lock.

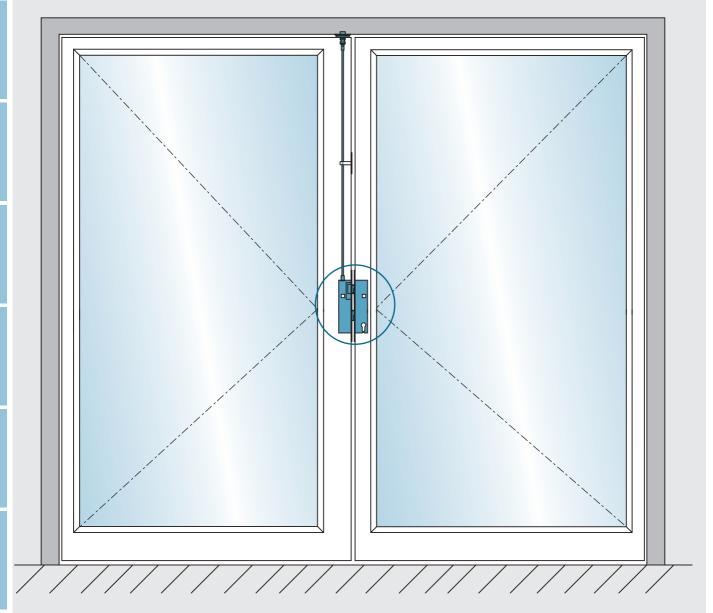






- for double-leaf doors (each max. 1300 x 2500 mm)
- with both-sided automatically drives
- with additional interlock

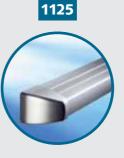
WSS







1125



see page 210

see page 122

see page 120









# consisting of:

#### active-leaf:

■ panic lock (function E, B) with stainless steel front plate

# passive-leaf:

- panic counter box with stainless steel front plate, with electric strike
- snap-in (Passive-leaf)
- rod guide, top
- connection rod with locking piece (standard length 1550 mm)
- electric strike, horizontal (to be ordered seperately)

# Locking function E (latch lever function)

Artno.	Direction	Backset	Front plate
01.224.3000	right hand	30	Flat front plate
01.224.3500	right hand	35	Flat front plate
01.224.4000	right hand	40	Flat front plate
01.224.4500	right hand	45	Flat front plate
01.224.3400	right hand	34	U-shape front plate
01.225.3000	left hand	30	Flat front plate
01.225.3500	left hand	35	Flat front plate
01.225.4000	left hand	40	Flat front plate
01.225.4500	left hand	45	Flat front plate
01.225.3400	left hand	34	U-shape front plate

#### Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.226.3000	right hand	30	Flat front plate
01.226.3500	right hand	35	Flat front plate
01.226.4000	right hand	40	Flat front plate
01.226.4500	right hand	45	Flat front plate
01.226.3400	right hand	34	U-shape front plate
01.227.3000	left hand	30	Flat front plate
01.227.3500	left hand	35	Flat front plate
01.227.4000	left hand	40	Flat front plate
01.227.4500	left hand	45	Flat front plate
01.227.3400	left hand	34	U-shape front plate

Panic-c	device version codes	
000	Independent of profile system	
003	Passive-leaf with Z-profile Please specify the profile series!	
004	Passive-leaf with forend profile Please specify the profile series!	

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 32) with feedback signal
- 59) latch fixing (by key)

Accessories	Suitable door handles see TK 1 chapter 2.
Information	We suggest the installation of an actuator hatch! There are also special versions of counterboxes available with backsets deviating from the main lock







# SI-Panic device 7

WSS

- for single-leaf doors (max. 1300 x 2500 mm)
- normal version



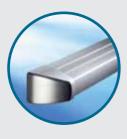


see page 210



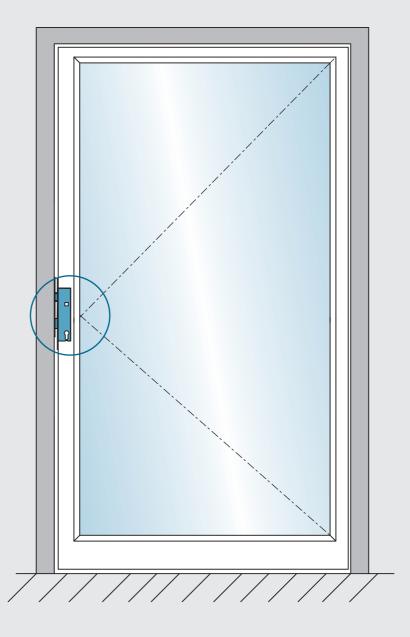


see page 122





see page 120





# Self-locking panic device 7









# consisting of:

- SI-panic lock (function E, B, E-motor driven) with stainless steel front plate
- strike plate closed

# Locking function E (latch lever function)

Artno.	Direction	Backset	Front plate
01.228.3500	right hand	35	Flat front plate
01.228.4000	right hand	40	Flat front plate
01.228.4500	right hand	45	Flat front plate
01.228.3400	right hand	34	U-shape front plate
01.229.3500	left hand	35	Flat front plate
01.229.4000	left hand	40	Flat front plate
01.229.4500	left hand	45	Flat front plate
01.229.3400	left hand	45	U-shape front plate

Panic-device version codes		
000	Independent of profile system	
001	Strike plate, closed for outward opening doors Please specify the profile series!	

# Further options:

01) prepared for KABA-/KESO cylinder 16) micro-switch for dead bolt control 112) sl-special function "long-term-open" by dead bolt arrester (by slider)

Suitable door handles see TK 1 chapter 2. Accessories

# Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.230.3500	right hand	35	Flat front plate
01.230.4000	right hand	40	Flat front plate
01.230.4500	right hand	45	Flat front plate
01.230.3400	right hand	34	U-shape front plate
01.231.3500	left hand	35	Flat front plate
01.231.4000	left hand	40	Flat front plate
01.231.4500	left hand	45	Flat front plate
01.231.3400	left hand	45	U-shape front plate

# Locking function E-motor driven (latch lever function)

Artno.	Direction	Backset	Front plate
01.232.3500	right hand	35	Flat front plate
01.232.4000	right hand	40	Flat front plate
01.232.4500	right hand	45	Flat front plate
01.232.3400	right hand	34	U-shape front plate
01.233.3500	left hand	35	Flat front plate
01.233.4000	left hand	40	Flat front plate
01.233.4500	left hand	45	Flat front plate
01.233.3400	left hand	34	U-shape front plate



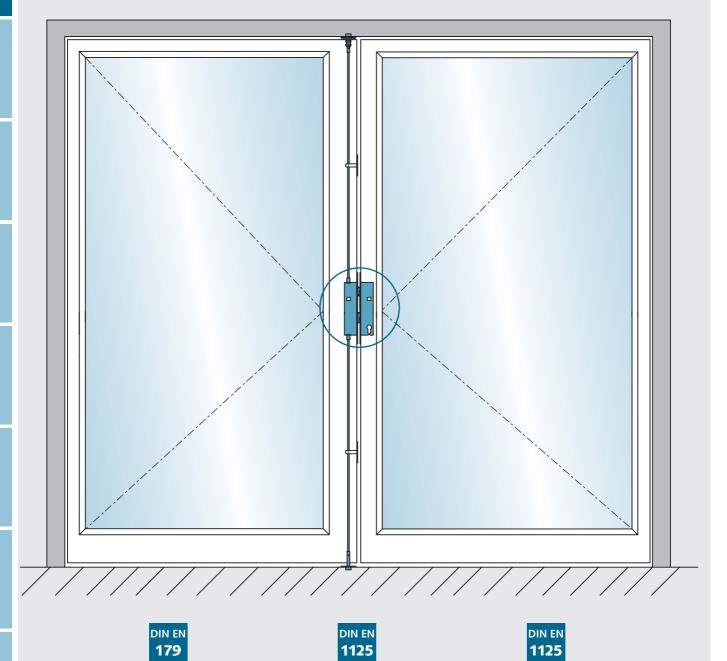




# SI-Panic device 9

WSS

- for double-leaf doors (each max. 1300 x 2500 mm)
- normal version



see page 122

see page 120



see page 210

# Self-locking panic device 9







# consisting of:

#### active-leaf:

■ SI-panic lock (function E, B, E-motor driven) with stainless steel front plate

# passive-leaf:

- panic counter box with stainless steel front plate
- top lock (passive-leaf)
- rod guide top and bottom optional
- connection rod with locking piece top and bottom (standard length 1550 mm)
- adjustable locking hutch, top and bottom

# Locking function E (latch lever function)

Artno.	Direction	Backset	Front plate
01.240.3500	right hand	35	Flat front plate
01.240.4000	right hand	40	Flat front plate
01.240.4500	right hand	45	Flat front plate
01.240.3400	right hand	34	U-shape front plate
01.241.3500	left hand	35	Flat front plate
01.241.4000	left hand	40	Flat front plate
01.241.4500	left hand	45	Flat front plate
01.241.3400	left hand	34	U-shape front plate

# Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.242.3500	right hand	35	Flat front plate
01.242.4000	right hand	40	Flat front plate
01.242.4500	right hand	45	Flat front plate
01.242.3400	right hand	34	U-shape front plate
01.243.3500	left hand	35	Flat front plate
01.243.4000	left hand	40	Flat front plate
01.243.4500	left hand	45	Flat front plate
01.243.3400	left hand	34	U-shape front plate

# Locking function E-motor driven (latch lever function)

Artno.	Direction	Backset	Front plate
01.244.3500	right hand	35	Flat front plate
01.244.4000	right hand	40	Flat front plate
01.244.4500	right hand	45	Flat front plate
01.244.3400	right hand	34	U-shape front plate
01.245.3500	left hand	35	Flat front plate
01.245.4000	left hand	40	Flat front plate
01.245.4500	left hand	45	Flat front plate
01.245.3400	left hand	34	U-shape front plate

Panic-c	levice version codes	
000	Independent of profile system	
003	Passive-leaf with Z-profile Please specify the profile series!	
004	Passive-leaf with forend profile Please specify the profile series!	

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 112) sl-special function "long-term-open" by dead bolt arrester (by slider)

Accessories	Suitable door handles see TK 1 chapter 2.
Information	We suggest the installation of an actuator hatch! There are also special versions of counterboxes available with backsets deviating from the main lock.





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# 7 0+ 30 200 25 (26) 41 [162] 262 [987] [663] 262 286 763 10 (11) 95 62.5 94(KABA) 250 342 92 [1700] 25 (26) 807 284 262 20 200 22 (6)

# Illustration shows right handed version (...) = U-shape front plate [...] = Length 1700 mm

# Multi-point-lock with hooks

# with flat front plate

- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel flat front plate
01.250.2500.426	right hand	25	24 x 3 x 1800
01.250.3000.426	right hand	30	24 x 3 x 1800
01.250.3500.426	right hand	35	24 x 3 x 1800
01.250.4000.426	right hand	40	24 x 3 x 1800
01.251.2500.426	left hand	25	24 x 3 x 1800
01.251.3000.426	left hand	30	24 x 3 x 1800
01.251.3500.426	left hand	35	24 x 3 x 1800
01.251.4000.426	left hand	40	24 x 3 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 12) flat front plate 20 x 3 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 23) dead bolt lock without latch
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention Option 01) from 30 mm backset

# with U-shape front plate

- latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel U-shape front plate
01.252.2400.426	right hand	24	24 x 6 x 1800
01.252.2900.426	right hand	29	24 x 6 x 1800
01.252.3400.426	right hand	34	24 x 6 x 1800
01.252.3900.426	right hand	39	24 x 6 x 1800
01.253.2400.426	left hand	24	24 x 6 x 1800
01.253.2900.426	left hand	29	24 x 6 x 1800
01.253.3400.426	left hand	34	24 x 6 x 1800
01.253.3900.426	left hand	39	24 x 6 x 1800

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 13) U-shape front plate 22 x 6 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 23) dead bolt lock without latch
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention Option 01) from 29 mm backset

Information Suitable strike plates see page 126



# 5 2 200 25 (26) 41 162] 262<sub>.</sub> [98+] [663] 262 286 763 10 (11) 62 94(KABA) 342 21.5 [1700] 25 (26) 1800 17 807 384 262 20 200 2 Illustration shows DIN right (...) = U-shape front plate

# Panic multi-point-lock with hooks



1

# with flat front plate

- locking function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
  - 8 mm square
  - latch and dead bolt flush
- reversible latch
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel flat front plate
01.254.3000.426	right hand	30	24 x 3 x 1800
01.254.3500.426	right hand	35	24 x 3 x 1800
01.254.4000.426	right hand	40	24 x 3 x 1800
01.255.3000.426	left hand	30	24 x 3 x 1800
01.255.3500.426	left hand	35	24 x 3 x 1800
01.255.4000.426	left hand	40	24 x 3 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 12) flat front plate 20 x 3 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower / according to EN 179
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention Option 01) from 30 mm backset

# with U-shape front plate





- latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel U-shape front plate
01.256.2900.426	right hand	29	24 x 6 x 1800
01.256.3400.426	right hand	34	24 x 6 x 1800
01.256.3900.426	right hand	39	24 x 6 x 1800
01.257.2900.426	left hand	29	24 x 6 x 1800
01.257.3400.426	left hand	34	24 x 6 x 1800
01.257.3900.426	left hand	39	24 x 6 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 13) U-shape front plate 22 x 6 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower / according to EN 179
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention	Option 01) from 29 mm backset		
Information	The WSS-panic-multi-point-locks can be equipped with all commercially available profile-cylinders. (No free-wheeling-function necessary) Suitable strike plates see page 126		

[...] = Length 1700 mm

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# 9 200 区 25 (26) 41 15 -12 [987] 424 Φ [663] 29 763 17 30 (29) 339 10 (11) [1700] 62.5 □8 342 (KABA) 250 Ø7 92 21.5 25 (26) 807 D 584 17 262 20 区 200 Fo-F

Illustration shows right handed version (...) = U-shape front plate [...] = Length 1700 mm

(6)

# Multi-point-lock with hooks opening blockade with flat front plate

- prepared for profile cylinder (1-turn)
- with opening stop (8 mm square)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel flat front plate
01.258.2500.426	right hand	25	24 x 3 x 1800
01.258.3000.426	right hand	30	24 x 3 x 1800
01.258.3500.426	right hand	35	24 x 3 x 1800
01.258.4000.426	right hand	40	24 x 3 x 1800
01.259.2500.426	left hand	25	24 x 3 x 1800
01.259.3000.426	left hand	30	24 x 3 x 1800
01.259.3500.426	left hand	35	24 x 3 x 1800
01.259.4000.426	left hand	40	24 x 3 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 12) flat front plate 20 x 3 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

**Attention** Option 01) from 30 mm backset

# with U-shape front plate

- latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel U-shape front plate
01.260.2400.426	right hand	24	24 x 6 x 1800
01.260.2900.426	right hand	29	24 x 6 x 1800
01.260.3400.426	right hand	34	24 x 6 x 1800
01.260.3900.426	right hand	39	24 x 6 x 1800
01.261.2400.426	left hand	24	24 x 6 x 1800
01.261.2900.426	left hand	29	24 x 6 x 1800
01.261.3400.426	left hand	34	24 x 6 x 1800
01.261.3900.426	left hand	39	24 x 6 x 1800

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention Option 01) from 29 mm backset

#### Accessories:

Strike plate and olives for opening blockade see page 80

**Information** Suitable strike plates see page 126



# Multi-point-lock with hooks and bolts with flat front plate

- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel lat front plate
01.262.2500.426	right hand	25	24 x 3 x 1800
01.262.3000.426	right hand	30	24 x 3 x 1800
01.262.3500.426	right hand	35	24 x 3 x 1800
01.262.4000.426	right hand	40	24 x 3 x 1800
01.263.2500.426	left hand	25	24 x 3 x 1800
01.263.3000.426	left hand	30	24 x 3 x 1800
01.263.3500.426	left hand	35	24 x 3 x 1800
01.263.4000.426	left hand	40	24 x 3 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 12) flat front plate 20 x 3 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 23) dead bolt lock without latch
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention Option 01) from 30 mm backset

# with U-shape front plate

- latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel U-shape front plate
01.264.2400.426	right hand	24	24 x 6 x 1800
01.264.2900.426	right hand	29	24 x 6 x 1800
01.264.3400.426	right hand	34	24 x 6 x 1800
01.264.3900.426	right hand	39	24 x 6 x 1800
01.265.2400.426	left hand	24	24 x 6 x 1800
01.265.2900.426	left hand	29	24 x 6 x 1800
01.265.3400.426	left hand	34	24 x 6 x 1800
01.265.3900.426	left hand	39	24 x 6 x 1800

# **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 13) U-shape front plate 22 x 6 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 23) dead bolt lock without latch
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention	Option 01) from 29 mm backset
Information	Suitable strike plates see page 126

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# 25 (26) 200 130 41 162] 262 [663] 262 763 10(11) 95 62.5 □8 250 342 92 25(26) # D 17 807 242 842 584 262 200 20 Ф 19 (20) 3 (6)

Illustration shows right handed version

(...) = U-shape front plate [...] = Length 1700 mm

# Panic multi-point-lock with hooks and bolts

# with flat front plate

- function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- stainless steel 304 front plate

Artno.	Direction		Stainless steel flat front plate
01.266.3000.426	right hand	30	24 x 3 x 1800
01.266.3500.426	right hand	35	24 x 3 x 1800
01.266.4000.426	right hand	40	24 x 3 x 1800
01.267.3000.426	left hand	30	24 x 3 x 1800
01.267.3500.426	left hand	35	24 x 3 x 1800
01.267.4000.426	left hand	40	24 x 3 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 12) flat front plate 20 x 3 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

**Attention** Option 01) from 30 mm backset

# with U-shape front plate





- latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

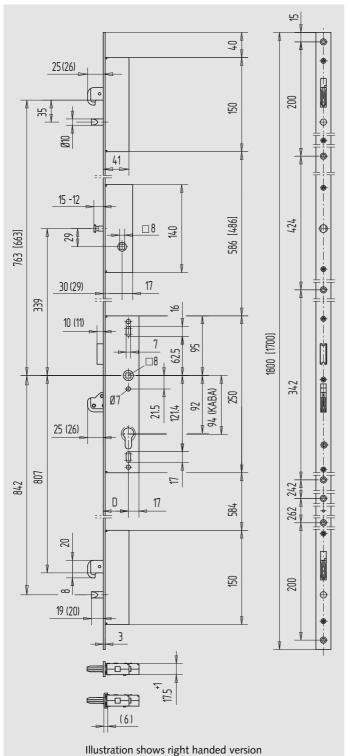
Artno.	Direction	Backset	Stainless steel U-shape front plate
01.268.2900.426	right hand	29	24 x 6 x 1800
01.268.3400.426	right hand	34	24 x 6 x 1800
01.268.3900.426	right hand	39	24 x 6 x 1800
01.269.2900.426	left hand	29	24 x 6 x 1800
01.269.3400.426	left hand	34	24 x 6 x 1800
01.269.3900.426	left hand	39	24 x 6 x 1800

### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 13) U-shape front plate 22 x 6 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention	Option 01) from 29 mm backset
Information	The WSS-panic-multi-point-locks can be equipped with all commercially available profile-cylinders. (No free-wheeling-function necessary) Suitable strike plates see page 126





(...) = U-shape front plate [...] = Length 1700 mm

# Multi-point-lock with hooks, bolts and opening blockade with flat front plate

- prepared for profile cylinder (1-turn)
- with opening stop (8 mm square)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel flat front plate
01.270.2500.426	right hand	25	24 x 3 x 1800
01.270.3000.426	right hand	30	24 x 3 x 1800
01.270.3500.426	O .	35	24 x 3 x 1800
01.270.4000.426	right hand	40	24 x 3 x 1800
01.271.2500.426	left hand	25	24 x 3 x 1800
01.271.3000.426	left hand	30	24 x 3 x 1800
01.271.3500.426	left hand	35	24 x 3 x 1800
01.271.4000.426	left hand	40	24 x 3 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 12) flat front plate 20 x 3 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

**Attention** Option 01) from 30 mm backset

# with U-shape front plate

- latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel U-shape front plate
01.272.2400.426	right hand	24	24 x 6 x 1800
01.272.2900.426	right hand	29	24 x 6 x 1800
01.272.3400.426	right hand	34	24 x 6 x 1800
01.272.3900.426	right hand	39	24 x 6 x 1800
01.273.2400.426	left hand	24	24 x 6 x 1800
01.273.2900.426	left hand	29	24 x 6 x 1800
01.273.3400.426	left hand	34	24 x 6 x 1800
01.273.3900.426	left hand	39	24 x 6 x 1800

# Further options:

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention	Option 01) from 29 mm backset
Information	Suitable strike plates see page 126

#### Accessories:

Strike plate and olives for opening blockade see page 80

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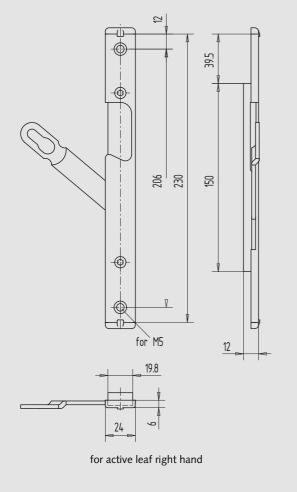
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# Flat 24x3 for M5 19.8

for active leaf right hand



# Strike plate with opening blockade with flat front plate

- flat material
- with locking arm

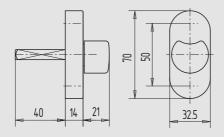
Artno.	Direction	Material/surface
01.274.0300.426	right hand	Stainless Steel V2A, matt brushed
01.275.0300.426	left hand	Stainless Steel V2A, matt brushed

# with U-shape front plate

- U-profile with plastic end plugs
- with locking arm

Artno.	Direction	Material/surface
01.274.0600.426	right hand	Stainless Steel V2A, matt brushed
01.275.0600.426	left hand	Stainless Steel V2A, matt brushed





# Handle for opening blockade

- 8 mm square
- on oval rose

Artno.	Material/surface
01.276.0500.113	Aluminium, E5/C-0 anodized
01.276.0500.426	Stainless Steel V2A, matt brushed

# Handle for opening blockade

- 8 mm square
- on oval rose

Artno.	Material/surface
01.276.0501.113	Aluminium, E5/C-0 anodized
01.276.0501.255	Aluminium, RAL 9016 powder- coated
01.276.0501.426	Stainless Steel V2A, matt brushed



25 (26)

10 +3 10 -1 (11) +3 -1

25 (26)

807

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(6)

> (...) = U-shape front plate [...] = Length 1700 mm

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[693] 692]

41

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286

比

92

94 (KABA) 250

584

32

200

[162] 262

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342

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200

[1700]

1800

# Multi-point-lock with hooks and roller latch with flat front plate

- prepared for profile cylinder (1-turn)
- roller latch and dead bolt flush
- roller latch +3/-1 mm adjustable
- stainless steel 304 front plate

Artno.	Backset	Stainless steel flat front plate
01.278.2500.426	25	24 x 3 x 1800
01.278.3000.426	30	24 x 3 x 1800
01.278.3500.426	35	24 x 3 x 1800
01.278.4000.426	40	24 x 3 x 1800

# **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 08) roller latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 14) 1700 mm length of front plate
- 25) micro-switch (in upper additional lock)

# with U-shape front plate

- roller latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

Artno.	Backset	Stainless steel U-shape front plate
01.279.2400.426	24	24 x 6 x 1800
01.279.2900.426	29	24 x 6 x 1800
01.279.3400.426	34	24 x 6 x 1800
01.279.3900.426	39	24 x 6 x 1800

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 09) roller latch 6 mm protruding
- 13) U-shape front plate 22 x 6 mm
- 14) 1700 mm length of front plate
- 25) micro-switch (in upper additional lock)

Attention	Ontion (11) from 29 mm hackset	

ntarm	ation

Suitable strike plates see page 126

(...) = U-shape front plate [...] = Length 1700 mm

# Multi-point-lock with hooks, bolts and roller latch with flat front plate

- prepared for profile cylinder (1-turn)
- roller latch and dead bolt flush
- roller latch +3/-1 mm adjustable
- stainless steel 304 front plate

Artno.	Backset	Stainless steel flat front plate
01.286.2500.426	25	24 x 3 x 1800
01.286.3000.426	30	24 x 3 x 1800
01.286.3500.426	35	24 x 3 x 1800
01.286.4000.426	40	24 x 3 x 1800

# **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 08) roller latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 14) 1700 mm length of front plate
- 25) micro-switch (in upper additional lock)

# with U-shape front plate

- roller latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

Artno.	Backset	Stainless steel U-shape front plate
01.287.2400.426	24	24 x 6 x 1800
01.287.2900.426	29	24 x 6 x 1800
01.287.3400.426	34	24 x 6 x 1800
01.287.3900.426	39	24 x 6 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 09) roller latch 6 mm protruding
- 13) U-shape front plate 22 x 6 mm
- 14) 1700 mm length of front plate
- 25) micro-switch (in upper additional lock)

Attention	Option 01) from 29 mm backset

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# 包 0+ 200 22 41 217 167 G 200 20 286 [57] 157 95 □8 1800 [1700] 342 250 92 17 137 807 C 200 584 217 167 200 130 (6) (...) = U-shape front plate [...] = Length 1700 mm

# Multi-point-lock with hooks 5 locking points

# with flat front plate

- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel flat front plate
01.288.2500.426	right hand	25	24 x 3 x 1800
01.288.3000.426	right hand	30	24 x 3 x 1800
01.288.3500.426	right hand	35	24 x 3 x 1800
01.288.4000.426	right hand	40	24 x 3 x 1800
01.289.2500.426	left hand	25	24 x 3 x 1800
01.289.3000.426	left hand	30	24 x 3 x 1800
01.289.3500.426	left hand	35	24 x 3 x 1800
01.289.4000.426	left hand	40	24 x 3 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 12) flat front plate 20 x 3 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 23) dead bolt lock without latch
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention Option 01) from 30 mm backset

# with U-shape front plate

- latch and dead bolt 1 mm protruding
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel U-shape front plate
01.290.2400.426	right hand	24	24 x 6 x 1800
01.290.2900.426	right hand	29	24 x 6 x 1800
01.290.3400.426	right hand	34	24 x 6 x 1800
01.290.3900.426	right hand	39	24 x 6 x 1800
01.291.2400.426	left hand	24	24 x 6 x 1800
01.291.2900.426	left hand	29	24 x 6 x 1800
01.291.3400.426	left hand	34	24 x 6 x 1800
01.291.3900.426	left hand	39	24 x 6 x 1800

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 13) U-shape front plate 22 x 6 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 23) dead bolt lock without latch
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention	Option 01) from 29 mm backset
Information	Suitable strike plates see page 126



# Multi-point-lock with hooks and bolts, 5 locking points with flat front plate

- prepared for profile cylinder (1-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel flat front plate
01.292.2500.426	right hand	25	24 x 3 x 1800
01.292.3000.426	right hand	30	24 x 3 x 1800
01.292.3500.426	right hand	35	24 x 3 x 1800
01.292.4000.426	right hand	40	24 x 3 x 1800
01.293.2500.426	left hand	25	24 x 3 x 1800
01.293.3000.426	left hand	30	24 x 3 x 1800
01.293.3500.426	left hand	35	24 x 3 x 1800
01.293.4000.426	left hand	40	24 x 3 x 1800

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 12) flat front plate 20 x 3 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 23) dead bolt lock without latch
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention Option 01) from 30 mm backset

# with U-shape front plate

- latch 1 mm protruding, dead bolt flush
- stainless steel 304 front plate

Artno.	Direction	Backset	Stainless steel U-shape front plate
01.294.2400.426	right hand	24	24 x 6 x 1800
01.294.2900.426	right hand	29	24 x 6 x 1800
01.294.3400.426	right hand	34	24 x 6 x 1800
01.294.3900.426	right hand	39	24 x 6 x 1800
01.295.2400.426	left hand	24	24 x 6 x 1800
01.295.2900.426	left hand	29	24 x 6 x 1800
01.295.3400.426	left hand	34	24 x 6 x 1800
01.295.3900.426	left hand	39	24 x 6 x 1800

# **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 07) latch 6 mm protruding
- 13) U-shape front plate 22 x 6 mm
- 14) 1700 mm length of front plate
- 15) 9 mm square follower
- 23) dead bolt lock without latch
- 25) micro-switch (in upper additional lock)
- 37) latch fixing (by slider)

Attention	Option 01) from 29 mm backset
Information	Suitable strike plates see page 126

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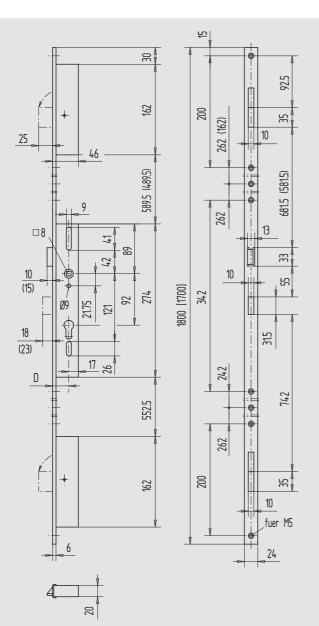


Illustration shows right handed version [...] = Length 1700 mm

# Multi-point-lock

# with U-shape front plate

- prepared for profile cylinder (2-turn)
- 92 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch

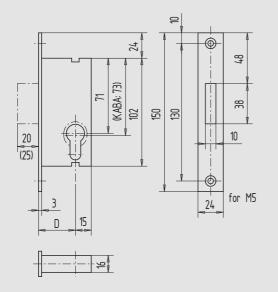
Artno.	Direction	Back- set	U-shape front plate
01.296.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.296.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.296.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.296.4500.426	right hand	45	Stainless Steel V2A, matt brushed
01.297.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.297.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.297.4000.426	left hand	40	Stainless Steel V2A, matt brushed
01.297.4500.426	left hand	45	Stainless Steel V2A, matt brushed

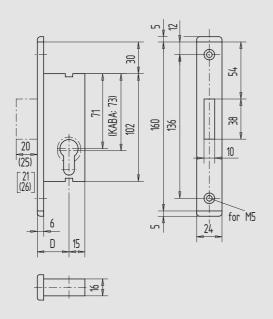
# Further options:

- 14) 1700 mm length of front plate
- 23) dead bolt lock without latch
- 42) latch and dead bolt 5 mm protruding (only main lock)









# Security dead-bolt lock, 20 mm bolt throwout with flat front plate

- prepared for profile cylinder (1-turn)
- dead bolt flush
- security bolt with hardened steel plate

Artno.	Backset	Flat front plate
01.400.2700.426	27	Stainless Steel V2A, matt brushed
01.400.3000.426	30	Stainless Steel V2A, matt brushed
01.400.3500.426	35	Stainless Steel V2A, matt brushed
01.400.4000.426	40	Stainless Steel V2A, matt brushed

## Further options:

- 10) dead bolt 3 mm protruding
- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 45) dead bolt 5 mm protruding
- 46) dead bolt 2 mm protruding

Attention	Option 10) only for 27 mm backset
	Option 16) from 35 mm backset

# with U-shape front plate

- dead bolt flush (30 mm backset)
- dead bolt mm protruding (34 mm backset)

Artno.	Backset	U-shape front plate
01.401.3000.426	30	Stainless Steel V2A, matt brushed
01.401.3400.426	34	Stainless Steel V2A, matt brushed

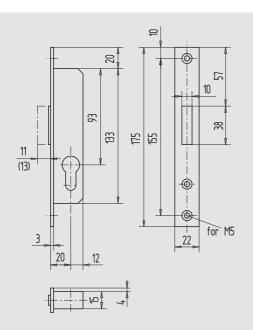
#### Further options:

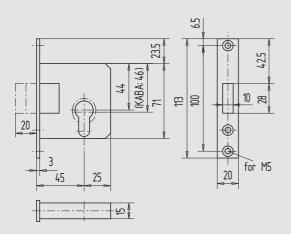
- 16) micro-switch for dead bolt control
- 45) dead bolt 5 mm protruding
- 47) dead bolt 6 mm protruding

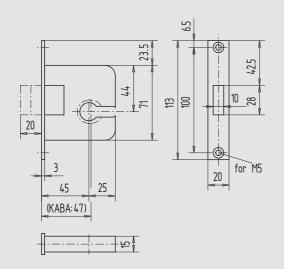
Option 45) only	for 34 mm backset for 30 mm backset for 34 mm backset
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Information

Suitable strike plates see page 125







# Mortise dead-bolt lock

- prepared for profile cylinder (1-turn)
- dead bolt 1 mm protruding

Artno.	Backset	Flat front plate
01.402.2000.426	20	Stainless Steel V2A, matt brushed

### Further options:

10) dead bolt 3 mm protruding

Attention: For the locking nose of the profile cylinder is a backset of min. 15,5 mm neccessary.

# Mortise dead-bolt lock

- prepared for profile cylinder (2-turn)
- dead bolt flush

Artno.	Backset	Flat front plate
01.403.4500.426	45	Stainless Steel V2A, matt brushed

# Further options:

01) prepared for KABA-/KESO cylinder

# Mortise dead-bolt lock

- prepared for profile cylinder (2-turn)
- dead bolt flush
- for horizontal installation into door rails

Artno.	Backset	Flat front plate
01.404.4500.426	45	Stainless Steel V2A, matt brushed

# **Further options:**

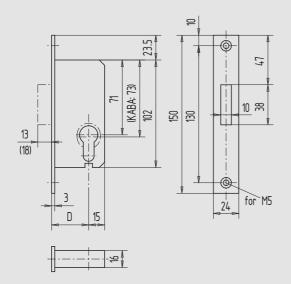
01) prepared for KABA-/KESO cylinder

Information

Suitable strike plates see page 125



# 16 **(** 52 (KABA: 72.5) 70.5 107 3 3 33 10 16 for M5 3 28 22



# Mortise dead-bolt lock with round bolt

- prepared for profile cylinder (2-turn)
- dead bolt flush
- stainless steel dead bolt
- for horizontal installation into door rails

Artno.	Backset	Flat front plate
01.405.4500.426	45	Stainless Steel V2A, matt brushed

# Dead-bolt lock

- prepared for profile cylinder (1-turn)
- dead bolt 2 mm protruding

Artno.	Backset	Flat front plate	
01.406.2800.010	28	Steel, zinc-plated	
Information	n Suitable strike plates see page 125		

# Mortise dead-bolt lock

- prepared for profile cylinder (1-turn)
- dead bolt flush

Artno.	Backset	Flat front plate
01.407.2400.426	24	Stainless Steel V2A, matt brushed
01.407.2700.426	27	Stainless Steel V2A, matt brushed
01.407.3000.426	30	Stainless Steel V2A, matt brushed
01.407.3500.426	35	Stainless Steel V2A, matt brushed
01.407.4000.426	40	Stainless Steel V2A, matt brushed

# Further options:

- 11) flat front plate 22 x 3 mm
- 16) micro-switch for dead bolt control
- 45) dead bolt 5 mm protruding
- 46) dead bolt 2 mm protruding

Information	Suitable strike plates see page 125	
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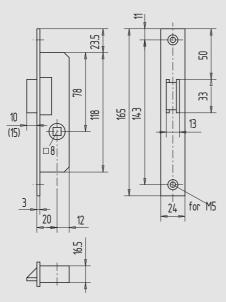


Illustration shows right handed version

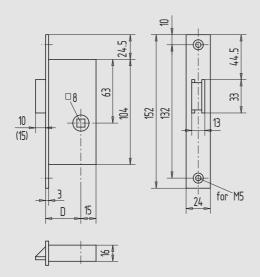


Illustration shows right handed version

# Mortise latch-lock

- 8 mm square
- latch 2 mm protruding

Artno.	Direction	Back- set	Flat front plate
01.408.2000.426	right hand	20	Stainless Steel V2A, matt brushed
01.409.2000.426	left hand	20	Stainless Steel V2A, matt brushed

# Further options:

06) latch 5 mm protruding

# Mortise latch-lock

- 8 mm square
- latch bolt flush
- reversible latch

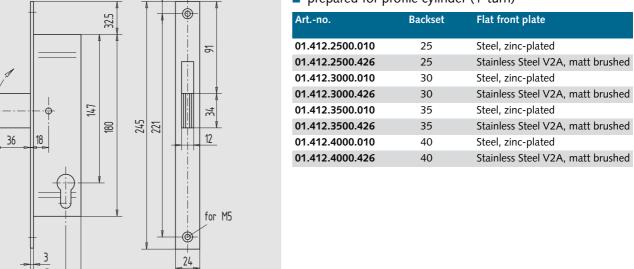
Artno.	Direction	Back- set	Flat front plate
01.410.2400.010	right hand	24	Steel, zinc-plated
01.410.2400.426	right hand	24	Stainless Steel V2A, matt brushed
01.410.3000.010	right hand	30	Steel, zinc-plated
01.410.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.410.3500.010	right hand	35	Steel, zinc-plated
01.410.3500.426	right hand	35	Stainless Steel V2A, matt brushed
01.410.4000.010	right hand	40	Steel, zinc-plated
01.410.4000.426	right hand	40	Stainless Steel V2A, matt brushed
01.411.2400.010	left hand	24	Steel, zinc-plated
01.411.2400.426	left hand	24	Stainless Steel V2A, matt brushed
01.411.3000.010	left hand	30	Steel, zinc-plated
01.411.3000.426	left hand	30	Stainless Steel V2A, matt brushed
01.411.3500.010	left hand	35	Steel, zinc-plated
01.411.3500.426	left hand	35	Stainless Steel V2A, matt brushed
01.411.4000.010	left hand	40	Steel, zinc-plated
01.411.4000.426	left hand	40	Stainless Steel V2A, matt brushed

# Further options:

- 06) latch 5 mm protruding
- 11) flat front plate 22 x 3 mm
- 15) 9 mm square follower
- 36) latch fixing (by lever)
- 38) latch fixing (by screw)
- 48) latch 2 mm protruding

Information	Suitable strike plates see page 12

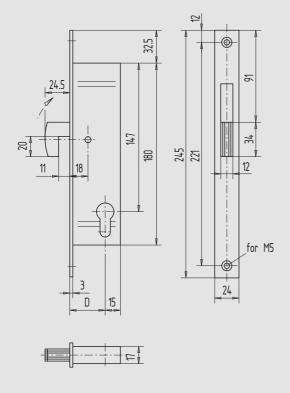
# Swing-bolt lock prepared for profile cylinder (1-turn) • Art.-no.



# **Swing-bolt lock** with hook bolts

prepared for profile cylinder (1-turn)

Artno.	Backset	Flat front plate
01.413.2500.010	25	Steel, zinc-plated
01.413.2500.426	25	Stainless Steel V2A, matt brushed
01.413.3000.010	30	Steel, zinc-plated
01.413.3000.426	30	Stainless Steel V2A, matt brushed
01.413.3500.010	35	Steel, zinc-plated
01.413.3500.426	35	Stainless Steel V2A, matt brushed
01.413.4000.010	40	Steel, zinc-plated
01.413.4000.426	40	Stainless Steel V2A, matt brushed

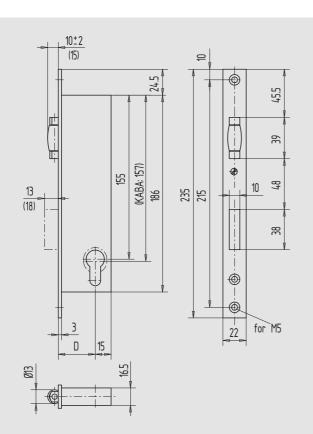


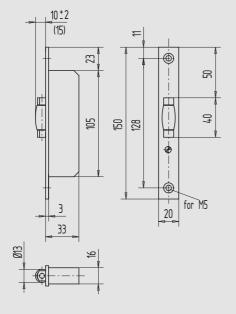
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> Information Suitable strike plates see page 125









# Roller latch-lock

- prepared for profile cylinder (1-turn)
- roller latch +/- 2 mm adjustable

Artno.	Backset	Flat front plate
01.416.2400.426	24	Stainless Steel V2A, matt brushed
01.416.3000.426	30	Stainless Steel V2A, matt brushed
01.416.3500.426	35	Stainless Steel V2A, matt brushed
01.416.4000.426	40	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 44) roller latch and dead bolt 5 mm protruding

Attention	Option 16) from 35 mm backset
Information	Suitable strike plates see page 125

# with U-shape front plate

Artno.	Backset	U-shape front plate
01.416.3400.426	34	Stainless Steel V2A, matt brushed

# Further options:

01) prepared for KABA-/KESO cylinder 16) micro-switch for dead bolt control

# Swing door latch-lock

■ roller latch +/- 2 mm adjustable

Artno.	Flat front plate
01.417.0000.010	Steel, zinc-plated
01.417.0000.426	Stainless Steel V2A, matt brushed
Further options:	

08) roller latch 5 mm protruding



Illustration shows right handed version

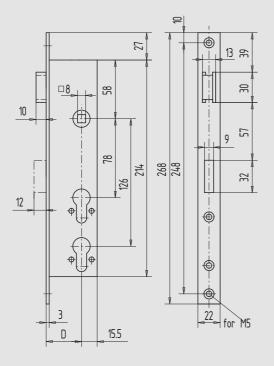




Illustration shows right handed version

# Mortise lock for 2 separate master key systems

- prepared for profile cylinder (1-turn)
- 60/108 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.418.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.419.3000.426	left hand	30	Stainless Steel V2A, matt brushed

# Mortise lock for 2 separate master key systems

- prepared for profile cylinder (1-turn)
- 78/126 mm distance
- with key action on latch bolt
- 8 mm square
- latch and dead bolt flush
- reversible latch

Artno.	Direction	Back- set	Flat front plate
01.422.3500.010	right hand	35	Steel, zinc-plated
01.422.4000.010	right hand	40	Steel, zinc-plated
01.422.6000.010	right hand	60	Steel, zinc-plated
Information	Suitable stri	ke plat	es see <b>page 125</b>



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18 for M5

Illustration shows right handed version

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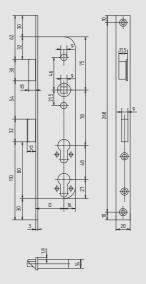


Illustration shows right handed version

# Panic mortise lock for 2 separate master key systems, function E



- function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 60/108 mm distance
- 9 mm square
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.420.3000.426	right hand	30	Stainless Steel V2A, matt brushed
01.421.3000.426	left hand	30	Stainless Steel V2A, matt brushed

# Panic mortise lock for 2 separate master key systems, function E



- function E (latch lever function)
- prepared for profile cylinder (1-turn)
- 78/126 mm distance
- 9 mm square
- latch and dead bolt flush

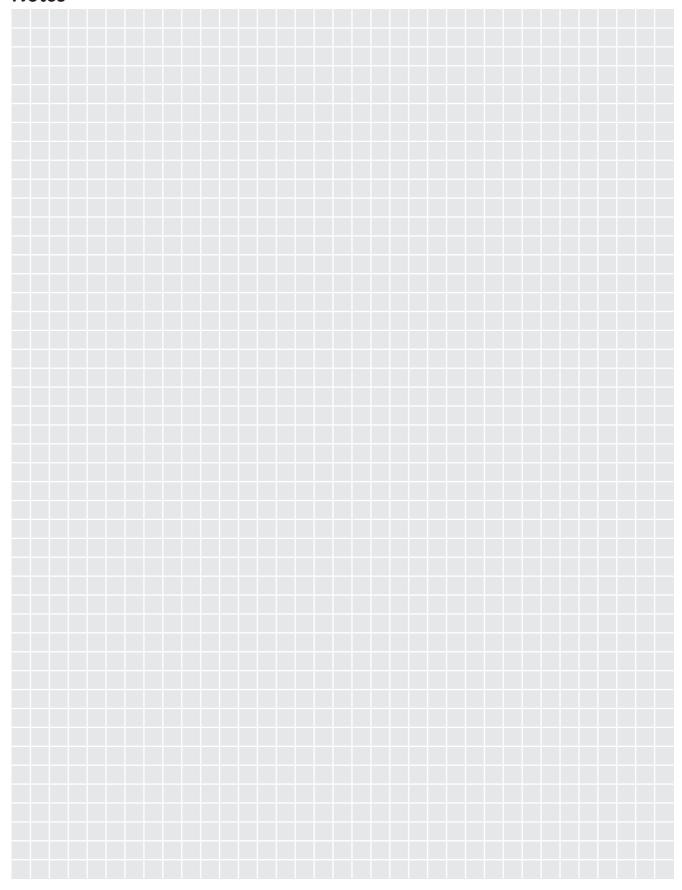
Artno.	Direction	Back- set	Flat front plate
01.424.3500.010	right hand	35	Steel, zinc-plated
01.424.4000.010	right hand	40	Steel, zinc-plated
01.424.6000.010	right hand	60	Steel, zinc-plated
01.425.3500.010	left hand	35	Steel, zinc-plated
01.425.4000.010	left hand	40	Steel, zinc-plated
01.425.6000.010	left hand	60	Steel, zinc-plated
	6 11 11 11		40.
Information	Suitable strike plates see page 125		







# **Notes**



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Panic device 1

■ for single-leaf doors (max. 1300 x 2500 mm)

normal version



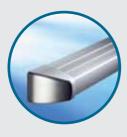


see page 210



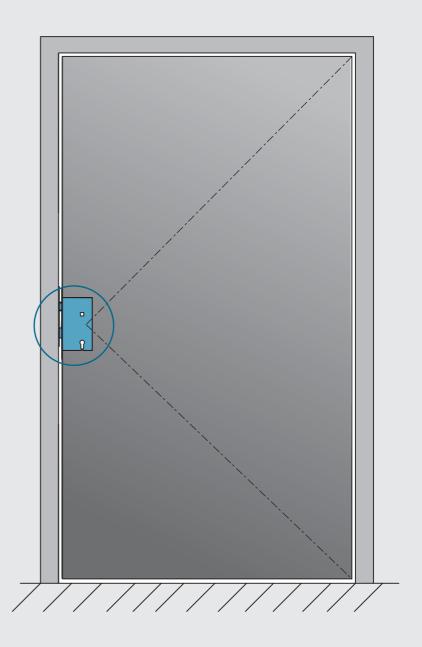


see page 122





see page 120





# Panic device 1







# consisting of:

- panic lock (function E, D, B) with stainless steel front plate
- strike plate closed

# Locking function E (latch lever function)

Artno.	Direction	Backset	Front plate
01.200.6500.000	right hand	65	Flat front plate
01.201.6500.000	left hand	65	Flat front plate

# Locking function D (passage function)

Artno.	Direction	Backset	Front plate
01.202.6500.000	right hand	65	Flat front plate
01.203.6500.000	left hand	65	Flat front plate

#### Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.204.6500.000	right hand	65	Flat front plate
01.205.6500.000	left hand	65	Flat front plate

# Further options:

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control





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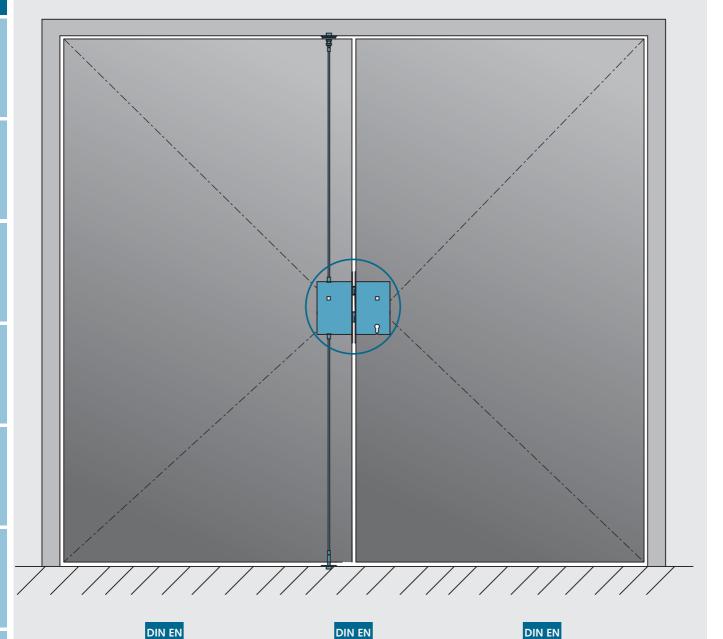
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# Panic device 3

- for double-leaf doors (each max. 1300 x 2500 mm)
- normal version







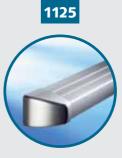


see page 232

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see page 122





see page 120



# Panic device 3







# consisting of:

#### active-leaf:

panic lock (function E, D, B) with stainless steel front plate

#### passive-leaf:

- panic counter box with stainless steel front plate
- top lock (passive-leaf)
- connection rod with locking piece top and bottom (standard length 1.550 mm)
- adjustable locking hutch, top and bottom

#### Locking function E (latch lever function)

Artno.	Direction	Backset	Front plate
01.210.6500.000	right hand	65	Flat front plate
01.211.6500.000	left hand	65	Flat front plate

#### Locking function D (passage function)

Artno.	Direction	Backset	Front plate
01.212.6500.000	right hand	65	Flat front plate
01.213.6500.000	left hand	65	Flat front plate

# Locking function B (switching function)

Artno.	Direction	Backset	Front plate
01.214.6500.000	right hand	65	Flat front plate
01.215.6500.000	left hand	65	Flat front plate

### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control

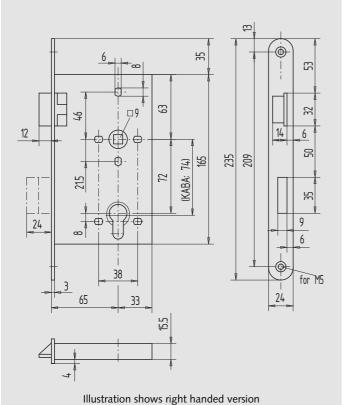




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# $\underline{\alpha}$ **(** 23 63 12 6 S 235 165 (7/ 72 (KABA: 9 24 6 38 for M5

Illustration shows right handed version



# Mortise lock



- dimensions according to DIN 18250
- for fire resistant doors
- prepared for profile cylinder (2-turn)
- 72 mm distance
- with key action on latch bolt
- 9 mm square
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.450.6500.010	right hand	65	Steel, zinc-plated
01.450.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.451.6500.010	left hand	65	Steel, zinc-plated
01.451.6500.426	left hand	65	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 29) with angular front plate
- 30) latch drive = 17 mm (for ship doors)

Attention	Options 01), 02), 29) and 30) are not acc. to DIN
Information	Certificated acc. to security classification DIN 18251 - Classification 3 as certificate

#### Accessory:

BB-insertion page 173

# Mortise lock, completely stainless steel



- dimensions according to DIN 18250
- completely stainless steel/springs deltatone coated
- prepared for profile cylinder (2-turn)
- 72 mm distance
- with key action on latch bolt
- 9 mm square
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.452.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.453.6500.426	left hand	65	Stainless Steel V2A matt brushed

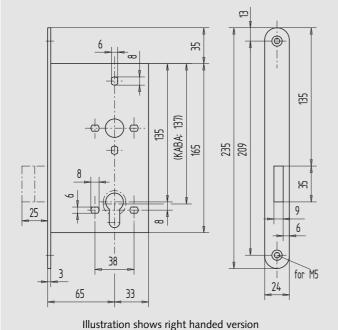
#### **Further options:**

16) micro-switch for dead bolt control

**Information** Suitable strike plates see **page 125** 



#### Illustration shows right handed version



# Mortise lock with micro-switch



- dimensions according to DIN 18250
- with micro-switch for dead bolt control
- prepared for profile cylinder (2-turn)
- 72 mm distance
- with key action on latch bolt
- 9 mm square
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.454.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.455.6500.426	left hand	65	Stainless Steel V2A, matt brushed

# Further options:

01) prepared for KABA-/KESO cylinder

02) latch and dead bolt 5 mm protruding

# Mortise dead-bolt lock

- dimensions according to DIN 18250
- prepared for profile cylinder (2-turn)
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.456.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.457.6500.426	left hand	65	Stainless Steel V2A, matt brushed

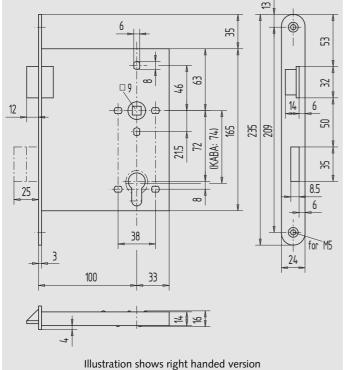
#### Further options:

45) dead bolt 5 mm protruding

Information Suitable strike plates see page 125



Illustration shows right handed version



# Mortise latch-lock



- dimensions according to DIN 18250
- without key action on latch bolt
- 9 mm square
- latch bolt flush

Artno.	Direction	Back- set	Flat front plate
01.458.6500.010	right hand	65	Steel, zinc-plated
01.458.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.459.6500.010	left hand	65	Steel, zinc-plated
01.459.6500.426	left hand	65	Stainless Steel V2A, matt brushed

#### Further options:

06) latch 5 mm protruding

# **Mortise lock**

- prepared for profile cylinder (2-turn)
- 72 mm distance
- with key action on latch bolt
- 9 mm square
- latch and dead bolt flush

Artno.	Direction	Back- set	Flat front plate
01.460.1000.426	right hand	100	Stainless Steel V2A, matt brushed
01.461.1000.426	left hand	100	Stainless Steel V2A, matt brushed

#### Further options:

- 01) prepared for KABA-/KESO cylinder
- 16) micro-switch for dead bolt control
- 37) latch fixing (by slider)

#### Accessories:

BB-insertion page 173

Information

Suitable strike plates see page 125

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(KABA:74) 165

# Mortise lock

- for fire-proof doors (e.g. H 80)
- prepared for profile cylinder (1-turn)
- 72 mm distance
- 9 mm square
- latch and dead bolt flush
- right and left hand usable

Artno.	Backset	Flat front plate
01.462.6500.010	65	Steel, zinc-plated
01.462.6500.426	65	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

# Mortise 3-latch-lock

- MPA NRW
- prepared for profile cylinder (2-turn)
- 72 mm distance
- 9 mm square
- latch and dead bolt flush

# with:

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for M5

for M5

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for M5

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- 1 main lock
- 2 additional latch-locks

Artno.	Direction	Back- set	Front plate shape	Flat front plate
01.464.6500.010	right hand	65	rounded	Steel, zinc-plated
01.464.6500.426	right hand	65	rounded	Stainless Steel V2A, matt brushed
01.465.6500.010	left hand	65	rounded	Steel, zinc-plated
01.465.6500.426	left hand	65	rounded	Stainless Steel V2A, matt brushed

# Further options:

- 01) prepared for KABA-/KESO cylinder
- 02) latch and dead bolt 5 mm protruding
- 30) latch drive = 17 mm (for ship doors)

#### Accessories:

Connection rod for 3-latch-lock page 173

Illustration shows right handed version

6





# **(** 9 23 63 33 771 9 170 14 3 65 33 for M5 $\mathfrak{S}$ $\phi$ 35 2 63 94 20 235 165 72 (KABA: 21.5 3 8 10 6 3 38 for M5 65 33 24 **(** $\Theta$ 2 63 33 100 13 144 14

Illustration shows right handed version

for M5

65

33

### Panic 3-latch-lock



- prepared for profile cylinder (1-turn)
- 72 mm distance
- without key action on latch bolt
- 9 mm square
- divided follower

Artno.	Direction	Back- set	Lock function	Flat front plate
01.488.6500.426	right hand	65	1	Stainless Steel V2A, matt brushed
01.489.6500.426	left hand	65	1	Stainless Steel V2A, matt brushed
01.490.6500.426	right hand	65	2	Stainless Steel V2A, matt brushed
01.491.6500.426	left hand	65	2	Stainless Steel V2A, matt brushed
01.492.6500.426	right hand	65	3	Stainless Steel V2A, matt brushed
01.493.6500.426	left hand	65	3	Stainless Steel V2A, matt brushed

#### **Further options:**

- 01) prepared for KABA-/KESO cylinder
- 17) panic function inward (not according to EN 179 + 1125)

#### **Function**

Locking force - function only with latch, without dead bolt:
 Unlock from outside, the handle gets switched from idling to function and pulls the latch back. The outer handle stays - as long as the key is

stuck - in function. After removing the key, the outer handle switches to idling mode. The door is locked from the outside. The door can always be opened by the inner handle.

For doors at heavy-current installations (transformer doors) = trafo-locking force function acc. to DIN 57101, DE 0101. (1-turn)

- 2. Switching function function only with latch, without dead bolt:
  - Unlock from the outside, the handle gets switched from idling to function and pulls the latch back. The door is always accessible also from the outside, until the lock gets locked from the inside or outside. The door can always be opened by the inner handle. (After a panic-actuation, the outer handle switches to idling mode. (1-turn)
- 3. Passing through function function with latch and dead bolt:

Unlock from the outside, the door is always accessible from both sides, until the the dead bolt gets locked from the inside or outside. The door can always be opened by inner handle. (After a panic actuation, the lock must be locked by key). (2-turn)

Fittings / Equipment:

Fixed pivot mounted handle on both sides with divided 9 mm square spindle. For fire-resistant doors is a fixed connection for the divided square spindles required.

#### Accessories:

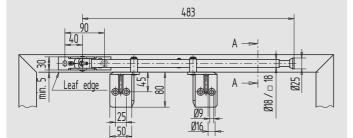
Connection rod for 3-latch-lock page 173

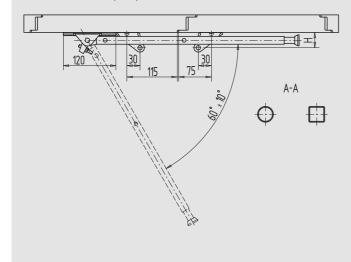


# **Opening limiter**

- with hydraulical end-damping
- max. opening angle up to 120°
- up to 90 kg door weight
- door with up to 1100 mm/max. door height 2500 mm
- with fastening accessories

Artno.	Material/Surface	
05.600.0000.050	Steel, RAL 9010 powder-coated	
05.600.0000.405	Stainless Steel V2A, bright	
Function	The door opening limiter with adjustable damp power brakes the door in case of quick opening or draft and limits the opening angle to the desired position.  Thereby door and door fittings get saved and banging of the door will be prevented.	
Special	If the door should be arrested in opened position there should be used our door opening limiters with built-in arrester.  It keeps the door opened in given position. The door can be closed normally.	





# **Door sequence control**

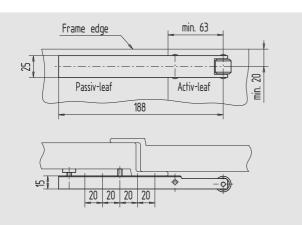


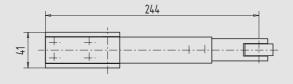
- for double-leaf fire- and smoke resistant doors
- MPA-certified
- stop-angle 30 mm high/normal version for doors with approx. 5 mm impact
- stop-angle 35 mm high/for flush doors

Artno.	н	Version	Material/ Surface
05.650.3010.010	30	round	Steel, zinc-plated
05.650.3020.010	30	square	Steel, zinc-plated
05.650.3510.010	35	round	Steel, zinc-plated
05.650.3520.010	35	square	Steel, zinc-plated



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# Carrying flap

- for double-leaf fire- and smoke resistant doors
- tobe mounted on the passive leaf (by screws)
- installation on hinge opposite side

Artno.	Material/Surface
05.670.0000.010	Steel, zinc-plated
Function	While opening a 2-leaf door by passive leaf, the passive leaf installed actuator flap moves the active leaf so far, that a correct closing sequence is guaranteed.

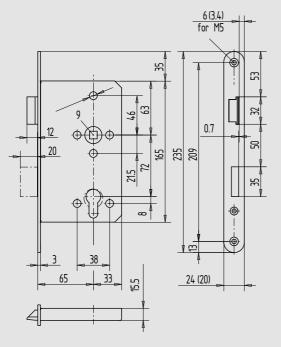
# Carrying flap for door closer ITS

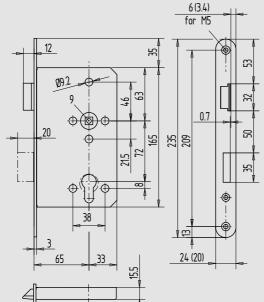
- for double-leaf fire- and smoke resistant doors
- to be mounted on the passive leaf (by screws)

	, , , ,
Artno.	Material/Surface
05.671.0000.010	Steel, zinc-plated
Function	While opening a 2-leaf door by passive leaf, the passive leaf installed actuator flap moves the active leaf so far, that a correct closing sequence is guaranteed.
Special	Driving flap also special colored according to RAL color scale available.









# Panic lock, function E, for single-leaf doors with flat front plate







1

- function E (latch lever function)
- prepared for profile cylinder (1-turn), steel dead bolt throwout 20 mm
- 72 mm distance
- with key action on latch bolt
- for single-leaf doors
- 9 mm square
- persistant follower

Artno.	Direction	Back- set	Flat front plate
01.508.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.509.6500.426	left hand	65	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

# Panic lock, function D, for single-leaf doors with flat front plate







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- function D (passage function)
- prepared for profile cylinder (1-turn), steel dead bolt throwout 20 mm
- 72 mm distance
- for single-leaf doors
- 9 mm square
- divided follower

Artno.	Direction	Back- set	Flat front plate
01.510.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.511.6500.426	left hand	65	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

# Panic lock. function B, for single-leaf doors with flat front plate







- function B (switching function)
- prepared for profile cylinder (1-turn), steel dead bolt throwout 20 mm
- 72 mm distance
- for single-leaf doors
- 9 mm square
- divided follower

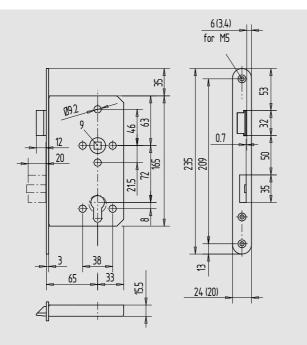
Artno.	Direction	Back- set	Flat front plate
01.512.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.513.6500.426	left hand	65	Stainless Steel V2A, matt brushed

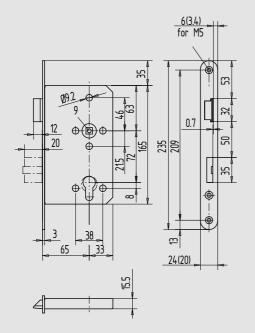
#### further options:

01) prepared for KABA-/KESO cylinder









# Panic lock, function E, for double-leaf doors with flat front plate







- function E (latch lever function)
- prepared for profile cylinder (1-turn), steel dead bolt throwout 20 mm
- 72 mm distance
- with key action on latch bolt
- for double-leaf doors
- 9 mm square
- persistant follower

Artno.	Direction	Back- set	Flat front plate
01.516.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.517.6500.426	left hand	65	Stainless Steel V2A, matt brushed

#### **Further options:**

01) prepared for KABA-/KESO cylinder

# Panic lock, function D, for double-leaf doors with flat front plate









- function D (passage function)
- prepared for profile cylinder (1-turn), steel dead bolt throwout 20 mm
- 72 mm distance
- for double-leaf doors
- 9 mm square
- divided follower

Artno.	Direction	Back- set	Flat front plate
01.518.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.519.6500.426	left hand	65	Stainless Steel V2A, matt brushed

#### Further options:

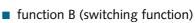
01) prepared for KABA-/KESO cylinder

# Panic lock. function B, for double-leaf doors with flat front plate









- prepared for profile cylinder (1-turn), steel dead bolt throwout 20 mm
- 72 mm distance
- for double-leaf doors
- 9 mm square
- divided follower

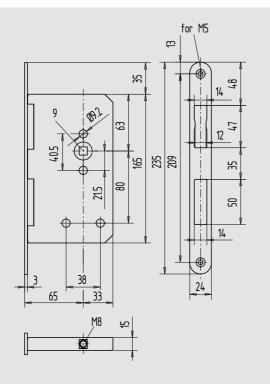
Artno.	Direction	Back- set	Flat front plate
01.520.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.521.6500.426	left hand	65	Stainless Steel V2A, matt brushed

#### Further options:

01) prepared for KABA-/KESO cylinder







# Panic counter box EN 179 + 1125, for double-leaf doors with flat front plate







- 9 mm square
- self-locking, to use with top lock art.-no. 01.141.0000.010
- connectors thread M5
- right and left hand usable

Artno.	Direction	Backset
01.536.6500.426	65	Stainless Steel V2A, matt brushed

#### Further options:

118) versetzte Stangenanschlüsse 30 mm Dorn

Panic counter box with electric strike mod. 143 EN 179 + 1125, for double-leaf doors with flat front plate







- 9 mm square
- self-locking, to use with top lock art.-no. 01.141.0000.010
- connectors thread M5

Artno.	Direction	Back- set	Flat front plate
01.538.6500.426	right hand	65	Stainless Steel V2A, matt brushed
01.539.6500.426	left hand	65	Stainless Steel V2A, matt brushed





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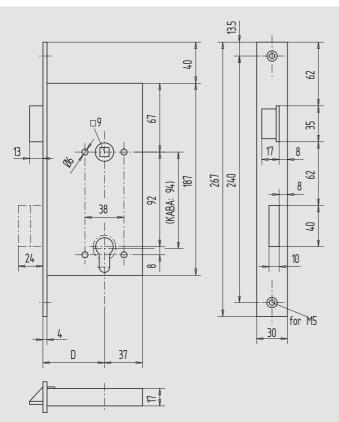


Illustration shows right handed version

# **Mortise lock**

- prepared for profile cylinder (2-turn)
- 92 mm distance
- with key action on latch bolt
- 9 mm square
- latch and dead bolt flush
- heavy-duty version

Artno.	Direction	Backset	Flat front plate
01.560.6000.010	right hand	60	Steel, zinc-plated
01.560.6500.010	right hand	65	Steel, zinc-plated
01.560.8000.010	right hand	80	Steel, zinc-plated
01.561.6000.010	left hand	60	Steel, zinc-plated
01.561.6500.010	left hand	65	Steel, zinc-plated
01.561.8000.010	left hand	80	Steel, zinc-plated

#### Further options:

01) prepared for KABA-/KESO cylinder



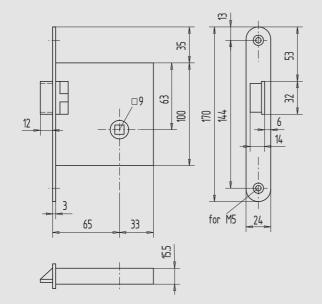


Illustration shows right handed version

# Mortise dead-bolt lock

- prepared for profile cylinder (2-turn)
- dead bolt flush

Artno.	Backset	Flat front plate	
01.562.5200.010	52	Steel, zinc-plated	
01.562.6200.010	62	Steel, zinc-plated	

#### **Further options:**

01) prepared for KABA-/KESO cylinder

### Mortise latch-lock

- 9 mm square
- latch bolt flush

Artno.	Direction	Backset	Flat front plate
01.564.6500.010	right hand	65	Steel, zinc-plated
01.565.6500.010	left hand	65	Steel, zinc-plated

#### Further options:

06) latch 5 mm protruding

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# 3 23 6 63 □9 33 45 2 8 235 209 165 72 35 6 8 3 24 for M5 32 33 65

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Illustration shows right handed version

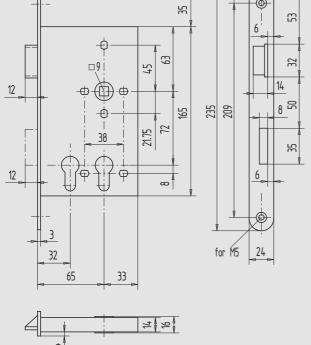


Illustration shows right handed version

# Mortise lock for 2 separate master key systems

- prepared for profile cylinder (1-turn)
- 72 mm distance
- with key action on latch bolt
- 9 mm square
- latch and dead bolt flush

Artno.	Direction	Backset	Flat front plate
01.566.6500.426	right hand	32/65	Stainless Steel V2A, matt brushed
01.567.6500.426	left hand	32/65	Stainless Steel V2A, matt brushed

# Panic mortise lock for 2 separate master key systems

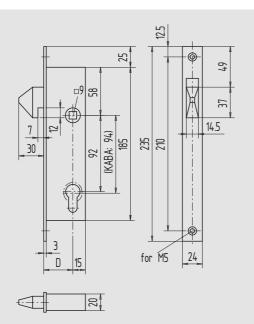


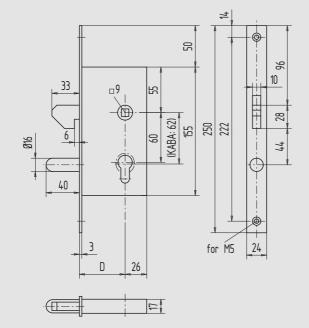
- function E (latch lever function)
- prepared for profile cylinder (1-turn)
  - 72 mm distance
- 9 mm square
- persistant follower
- latch and dead bolt flush

Artno.	Direction	Backset	Flat front plate
01.568.6500.426	right hand	32/65	Stainless Steel V2A, matt brushed
01.569.6500.426	left hand	32/65	Stainless Steel V2A, matt brushed
Information	Suitable strik	e plates	see <b>page 126</b>



Т





# Sliding door lock

- prepared for profile cylinder (1 1/2 turn)
- 92 mm distance
- with key action on latch bolt
- 9 mm square

Artno.	Backset	Flat front plate
01.600.3500.426	35	Stainless Steel V2A, matt brushed
01.600.4000.426	40	Stainless Steel V2A, matt brushed

#### Further options:

01) prepared for KABA-/KESO cylinder

49) with guiding bolt

# Sliding door lock

- prepared for profile cylinder (1 1/2 turn)
- 60 mm distance
- with key action on latch bolt
- 9 mm square
- with guide bolt

Artno.	Backset	Flat front plate	
01.601.5500.010	55	Steel, zinc-plated	
01.601.7000.010	70	Steel, zinc-plated	
01.601.8000.010	80	Steel, zinc-plated	

#### Further options:

01) prepared for KABA-/KESO cylinder



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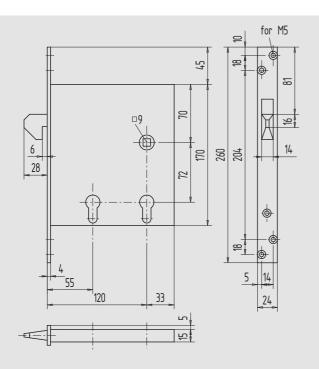
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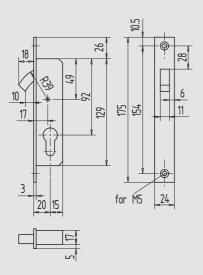
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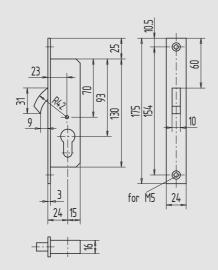
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# Sliding door lock for 2 separate master key systems

- prepared for profile cylinder (1 1/2 turn)
- 72 mm distance
- with key action on latch bolt
- 9 mm square

Artno.	Backset	Flat front plate
01.602.1200.426	55/120	Stainless Steel V2A, matt brushed

# Sliding door lock

prepared for profile cylinder (1-turn)

Artno.	Backset	Flat front plate
01.603.2000.426	20	Stainless Steel V2A, matt brushed

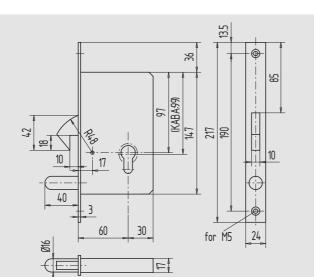
# Sliding door lock

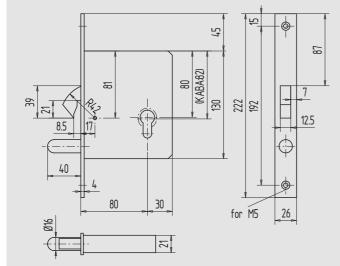
prepared for profile cylinder (1-turn)

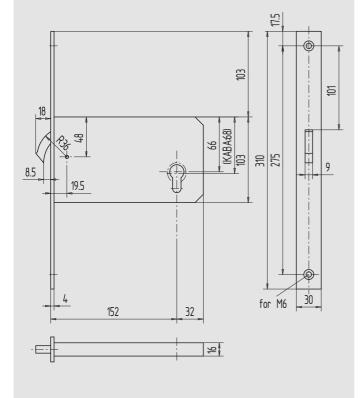
Artno.	Backset	Flat front plate
01.604.2400.426	24	Stainless Steel V2A. matt brushed



# Ш







# Sliding door lock

- prepared for profile cylinder (1-turn)
- with guide bolt

Artno.	Backset	Flat front plate
01.605.6000.010	60	Steel, zinc-plated

## Further options:

01) prepared for KABA-/KESO cylinder

# Sliding door lock

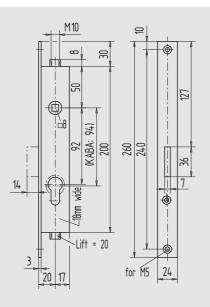
- prepared for profile cylinder (1-turn)
- with guide bolt

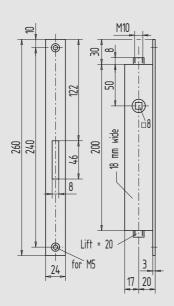
Artno.	Backset	Flat front plate	
01.606.8000.010	80	Steel, zinc-plated	
Further options:			
01) prepared for KABA-/KESO cylinder			

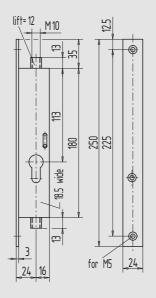
# Sliding door lock

prepared for profile cylinder (1-turn)

Artno.	Backset	Flat front plate	
01.607.1500.010	152	Steel, zinc-plated	
Further options:			
01) prepared for KABA-/KFSO cylinder			







# Espagnolette gear

- prepared for profile cylinder (1-turn)
- 92 mm distance
- rod throwout by handle
- rod blockade by profile cylinder
- 8 mm square

Artno.	Backset	Flat front plate
01.608.2000.426	20	Stainless Steel V2A, matt brushed

#### Further options:

01) prepared for KABA-/KESO cylinder

Attention	With these cremone bolts only
	aluminium rods can be used.

#### Accessories:

Aluminium-rod page 427

#### Counterbox

- rod throwout by handle
- rod blockade by dead bolt of espagnolette gear
- suitable for espagnolette gear art-no. 01.608.2000...
- 8 mm square

Artno.	Backset	Flat front plate
01.609.2000.426	20	Stainless Steel V2A, matt brushed
Attention	With these cremone bolts only aluminium rods can be used.	

#### Accessories:

Aluminium-rod page 427

# Espagnolette gear

- prepared for profile cylinder (1-turn)
- rod throwout by profile cylinder

Artno.	Backset	Flat front plate
01.610.2400.426	24	Stainless Steel V2A, matt brushed
Attention	With these cremone bolts only aluminium rods can be used.	

#### Accessories:

Aluminium-rod page 427



# Espagnolette gear

- prepared for profile cylinder (1-turn)
- 92 mm distance
- rod throwout by handle
- rod blockade by profile cylinder
- 8 mm square

Artno.	Backset	Flat front plate
01.611.2000.426	20	Stainless Steel V2A, matt brushed
Attention	With these cremone bolts can only aluminium rods be used.	

#### Accessories:

Aluminium-rod page 427

# Espagnolette gear

- prepared for profile cylinder (1-turn)
- rod and dead bolt throwout by profile cylinder

Artno.	Backset	Flat front plate
01.612.6000.010	60	Steel, zinc-plated
Attention	With these cremone bolts can only aluminium rods be used.	

#### Accessories:

Aluminium-rod page 427

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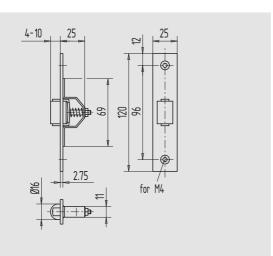
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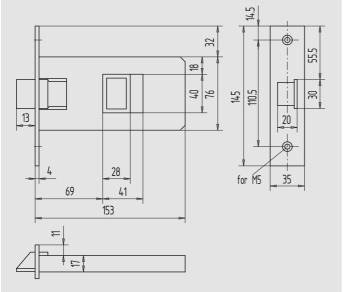
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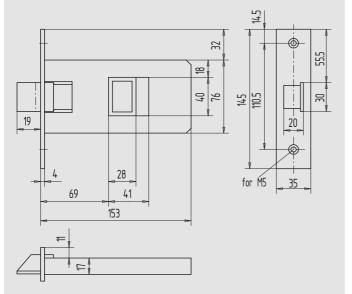
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#### Door catch

- roller latch, adjustable
- with strike plate

Artno.	Flat front plate
01.670.0000.010	Steel, zinc-plated

# Latch-lock for horse stables

- latch bolt flush
- right and left hand usable
- brass opening slide and latch

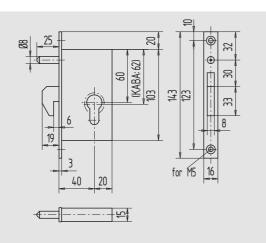
Artno.	Flat front plate
01.671.0000.010	Steel, zinc-plated

# Latch-lock for horse stables

- latch 5 mm protruding
- right and left hand usable
- brass opening slide and latch

Artno.	Flat front plate
01.672.0000.010	Steel, zinc-plated





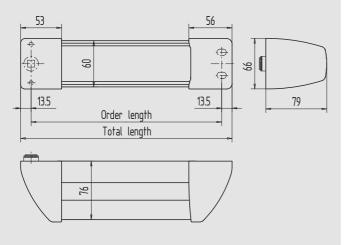
# Gate lock

- prepared for profile cylinderwith guide bolt

Artno.	Backset	Flat front plate	
01.673.4000.010	40	Steel, zinc-plated	



# 53 56 56 Total length Total length



# Panic push-bar for active-leaf EN 1125



- 9 mm square
- right and left reversible (see installation instructions)
- cuttable
- with fixing accessories
- angle of rotation 22°

#### For standard tubular and full frame doors

Direction	500-649 mm	650-799 mm	800-950 mm	951- 1100 mm	1101- 1250 mm	Special length *)
right hand		01.690.00 50			01.690.00 20	01.690.003
left hand		01.691.00 50			01.691.00 20	01.691.003 0

Surface codes	Material/Surface			
112	Aluminium, E4/C-0 anodized			
198	Aluminium, Stainless Steel effect			
255	Aluminium, RAL 9016 powder-coated			
267	Aluminium, RAL 9006 powder-coated			
295	Aluminium, RAL powder-coated			
299	Aluminium, special surface			
Special version of panic pushbar:	56) = with micro-switch, radio-controlled Attention: Fixing distance (= minimum 620 mm) must be specified push-bar cannot be cut!			
Information	*) Fixing distance = minimum 485 mm			

# Panic push-bar for active-leaf EN 1125



- SI-panic lock
- 9 mm square
- right and left reversible (see installation instructions)
- cuttable
- with fixing accessories
- angle of rotation 27°

#### For SI-panic tubular and full frame doors

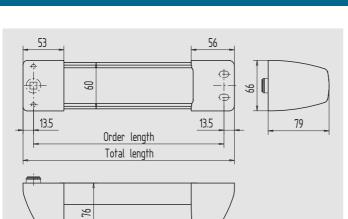
Direction	500-649 mm	650-799 mm	800-950 mm	951- 1100 mm	1101- 1250 mm	Special length *)
right hand	01.690.10 40			01.690.10 10		01.690.103 0
left hand				01.691.10		01.691.103

Surface codes	Material/Surface			
112	Aluminium, E4/C-0 anodized			
198	Aluminium, Stainless Steel effect			
255	Aluminium, RAL 9016 powder-coated			
267	Aluminium, RAL 9006 powder-coated			
295	Aluminium, RAL powder-coated			
299	Aluminium, special surface			
Special version of panic pushbar:	56) = with micro-switch, radio-controlled Attention: Fixing distance (= minimum 620 mm) must be specified push-bar cannot be cut!			
Information	*) Fixing distance = minimum 485 mm			





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# Panic push-bar for passive-leaf EN 1125

- 9 mm square
- right and left reversible (see installation instructions)
- cuttable
- with fixing accessories
- angle of rotation 35°

### For standard and SI-panic counter box for tubular frame doors

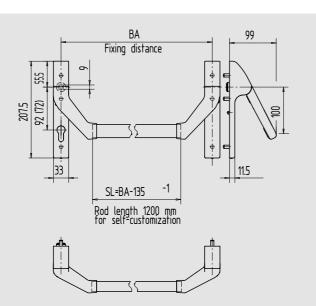
Direction	500-649 mm	650-799 mm	800-950 mm	951- 1100 mm	1101- 1250 mm	Special length *)
right hand	01.692.00 40	01.692.00 50	01.692.00 00	01.692.00 10	01.692.00 20	01.692.003 0
left hand	01.693.00 40				01.693.00 20	01.693.003 0

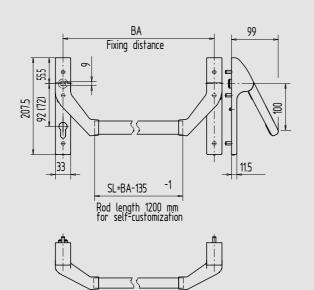
#### For standard and SI-panic counter box for full frame doors

Direction	500-649 mm	650-799 mm	800-950 mm	951- 1100 mm	1101- 1250 mm	Special length *)
right hand		01.692.10 50				01.692.103 0
left hand		01.693.10 50				01.693.103

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
198	Aluminium, Stainless Steel effect
255	Aluminium, RAL 9016 powder-coated
267	Aluminium, RAL 9006 powder-coated
295	Aluminium, RAL powder-coated
299	Aluminium, special surface
Special version of panic pushbar:	56) = with micro-switch, radio-controlled Attention: Fixing distance (= minimum 620 mm) must be specified push-bar cannot be cut!
Information	*) Fixing distance = minimum 485 mm
	9

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# Panic bar for active-leaf EN 1125



- 72 or 92 mm distance
- 9 mm square
- rod length 1200 mm, cuttable
- stainless steel 304, satin
- with fixing accessories
- angle of rotation 22°

#### For standard tubular frame doors

Artno.	Direction	Dis- tance	Material/Surface
01.680.9200.114	right hand	92	Aluminium, E6/C-0 anodized
01.680.9200.299	right hand	92	Aluminium, special surface
01.680.9200.426	right hand	92	Stainless Steel V2A, matt brushed
01.681.9200.114	left hand	92	Aluminium, E6/C-0 anodized
01.681.9200.299	left hand	92	Aluminium, special surface
01.681.9200.426	left hand	92	Stainless Steel V2A, matt brushed

# Panic bar for active-leaf EN 1125 SL-panic lock



- 72 or 92 mm distance
- 9 mm square
- rod length 1200 mm, cuttable
- stainless steel 304, satin
- with fixing accessories
- angle of rotation 27°

#### For SL-panic tubular frame doors

Artno.	Direction	Dis- tance	Material/Surface
01.680.9210.114	right hand	92	Aluminium, E6/C-0 anodized
01.680.9210.299	right hand	92	Aluminium, special surface
01.680.9210.426	right hand	92	Stainless Steel V2A, matt brushed
01.681.9210.114	left hand	92	Aluminium, E6/C-0 anodized
01.681.9210.299	left hand	92	Aluminium, special surface
01.681.9210.426	left hand	92	Stainless Steel V2A, matt brushed

#### For SL-panic full frame doors

Artno.	Direction	Dis- tance	Material/Surface
01.680.7210.114	right hand	72	Aluminium, E6/C-0 anodized
01.680.7210.299	right hand	72	Aluminium, special surface
01.680.7210.426	right hand	72	Stainless Steel V2A, matt brushed
01.681.7210.114	left hand	72	Aluminium, E6/C-0 anodized
01.681.7210.299	left hand	72	Aluminium, special surface
01.681.7210.426	left hand	72	Stainless Steel V2A, matt brushed





# Panic bar for passive-leaf EN 1125

# + SL-panic counterbox

- 9 mm square
- rod length 1200 mm, cuttable
- stainless steel 304, satin
- with fixing accessories
- angle of rotation 35°

#### For SL-panic counter box for tubular frame doors

Artno.	Direction of active-leaf		Material/Surface
01.682.9200.114	right hand	92	Aluminium, E6/C-0 anodized
01.682.9200.299	right hand	92	Aluminium, special surface
01.682.9200.426	right hand	92	Stainless Steel V2A, matt brushed
01.683.9200.114	left hand	92	Aluminium, E6/C-0 anodized
01.683.9200.299	left hand	92	Aluminium, special surface
01.683.9200.426	left hand	92	Stainless Steel V2A, matt brushed

#### For SI-panic counterbox for full frame doors

Artno.	Direction of active-leaf		Material/Surface
01.682.7200.114	right hand	72	Aluminium, E6/C-0 anodized
01.682.7200.299	right hand	72	Aluminium, special surface
01.682.7200.426	right hand	72	Stainless Steel V2A, matt brushed
01.683.7200.114	left hand	72	Aluminium, E6/C-0 anodized
01.683.7200.299	left hand	72	Aluminium, special surface
01.683.7200.426	left hand	72	Stainless Steel V2A, matt brushed

6







52.5

8.5



Illustration shows active leaf right hand

Rod length=BA-33

Fixing axis=BA

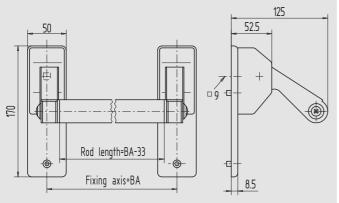
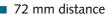


Illustration shows passive leaf left hand for active leaf right hand

# Panic bar for active leaf



- 9 mm square
- rod length 1200 mm
- angle of rotation 27°

Artno.	Direction	Material/Surface
01.704.0000.030	right hand	Steel, silver powder-coated
01.704.0000.040	right hand	Steel, dark-bronze powder-coated
01.704.0000.095	right hand	Steel, RAL powder-coated
01.705.0000.030	left hand	Steel, silver powder-coated
01.705.0000.040	left hand	Steel, dark-bronze powder-coated
01.705.0000.095	left hand	Steel, RAL powder-coated

# Panic bar for passive leaf



- without profilecylinder hole
- 9 mm square
- rod length 1200 mm, cuttable
- angle of rotation 90°

Artno.	Direction of active leaf	Material/Surface
01.706.0000.030	right hand	Steel, silver powder-coated
01.706.0000.040	right hand	Steel, dark-bronze powder-coated
01.706.0000.095	right hand	Steel, RAL powder-coated
01.707.0000.030	left hand	Steel, silver powder-coated
01.707.0000.040	left hand	Steel, dark-bronze powder-coated
01.707.0000.095	left hand	Steel, RAL powder-coated



# The suitable strike plate for any lock.

The following index shows the suitable strike plates for WSS locks.

The strike plate numbers make your order easier.

Article-number		Article-number		Article-number
Lock		Standard- strike plate 24 x 3 mm		U-shape- front plate 24x6 mm
01.100/101		01.710.2400		01.720.2400
01.102/103		01.710.2400		01.720.2400
01.104/105		01.710.2400		01.720.2400
01.106/107		01.710.2400		01.720.2400
01.110/111		01.710.2400		01.720.2400
01.112/113		01.710.2400		01.720.2400
01.114/115		01.710.2400		01.720.2400
01.116/117		01.710.2400		01.720.2400
01.130/131		01.710.2400		01.720.2400
01.132/133		01.710.2400		01.720.2400
01.134/135		01.710.2400		01.720.2400
01.150/151		01.730.2403		01.730.2406
01.154/155		01.730.2403		01.730.2406
01.166/167	1x	01.730.2403	1x	01.730.2406
	2x	01.731.2403	2x	01.731.2406
01.170/171	1x	01.730.2403	1x	01.730.2406
	2x	01.731.2403	2x	01.731.2403
01.296/297	1x	01.724.2400	1x	01.720.2400
	2x	01.746.2400	2x	01.746.2400
01.298	1x	01.782.2400		
	2x	01.746.2400		
01.400		01.742.2400		01.744.2400
01.401		01.742.2400		01.744.2400
01.402/403/404	ł	01.742.2400		01.744.2400
01.406/407		01.742.2400		01.744.2400

Article-number	Article-number	Article-number
Lock	Standard- strike plate	U-shape- front plate
LOCK	24 x 3 mm	24x6 mm
01.408/409	01.749.2400	
01.410/411	01.749.2400	
01.412	01.770.2400	
01.413	01.770.2400	
01.416	01.782.2400	
01.422/423	01.724.2400	01.720.2400
01.424/425	01.724.2400	01.720.2400
01.450/451	01.815.2400	
01.452/453	01.815.2400	
01.454/455	01.815.2400	
01.456/457	01.815.2400	
01.458/459	01.815.2400	
01.460/461	01.815.2400	
01.468/469	01.815.2400	
01.470/481	01.815.2400	
01.482/483	01.815.2400	
01.484/485	01.815.2400	
01.508/509	01.815.2400	
01.510/511	01.815.2400	
01.512/513	01.815.2400	
01.566/567	01.815.2400	
01.568/569	01.815.2400	
01.570/571	01.815.2400	
01.572/573	01.815.2400	

WSS

# Strike plates suitable for multi-point-lock 01.250-295...

- for inward opening doors without panic function

Profile	Lock version								
system	Artno.	Direction	Locking points	Latch and dead bolt	U-shape front plate	Flat front plate	Strike plate closed	Strike plate with insertion piece resp. electric strike	Strike plate for hook bolt
Akotherm AT 730	01.252.3400 01.253.3400	Right hand Left hand	3	1 mm pro	24 x 6 mm	-	01.732.2400	01.733.2400 with 01.879.0000 resp.	2 x 01.742.2400
	01.264.3400 01.265.3400		3 + bolts	truding				01.850/851	2 x 01.743.2400
	01.290.3400 01.291.3400		5						4 x 01.742.2400
	01.294.3400 01.295.3400		5 + bolts						4 x 01.743.2400
Alcoa AA 610	01.250.4000 01.251.4000		3	flush	-	24 x 3 mm	01.732.2400	01.733.2400 with 01.879.0000 resp.	2 x 01.742.2400
AA 630	01.262.4000 01.263.4000		3 + bolts					01.850/851	2 x 01.743.2400
	01.288.4000 01.289.4000		5						4 x 01.742.2400
	01.292.4000 01.293.4000		5 + bolts						4 x 01.743.2400
Alcoa RT 55	01.252.2900 01.253.2900		3	1 mm pro	24 x 6 mm	-	01.732.2400	01.733.2400 with 01.879.0000 resp.	2 x 01.742.2400
	01.264.2900 01.265.2900		3 + bolts	truding				01.850/851	2 x 01.743.2400
	01.290.2900 01.291.2900		5						4 x 01.742.2400
	01.294.2900 01.295.2900		5 + bolts						4 x 01.743.2400
Alsec 3000	01.252.2900 01.253.2900		3	1 mm pro	22 x 6 mm	2 x 6 mm –	01.734.2200	01.736/737.2200 mit 01.879.0000 resp. 01.850/851 with 2 shims Idno. 19240*	2 x 01.744.2200
	01.264.2900 01.265.2900		3 + bolts	truding					2 x 01.745.2200
	01.290.2900 01.291.2900		5						4 x 01.744.2200
	01.294.2900 01.295.2900		5 + bolts						4 x 01.745.2200
Brökel- mann RG	01.252.3400 01.253.3400		3	1 mm pro	22 x 6 mm	nm –	01.734.2200	01.736/737.2200 with 01.879.0000 resp. 01.850/851 with 2 shims Idno. 19240*	2 x 01.744.2200
	01.264.3400 01.265.3400		3 + bolts	truding					2 x 01.745.2200
	01.290.3400 01.291.3400		5						4 x 01.744.2200
	01.294.3400 01.295.3400	Right hand Left hand	5 + bolts						4 x 01.745.2200
RC-Ekonal E65	01.250.3500 01.251.3500		3	flush	-	24 x 3 mm	01.732.2400	01.733.2400 with 01.879.0000 resp.	2 x 01.742.2400
Sapa Buildings	01.262.3500 01.263.3500							01.850/851	2 x 01.743.2400
	01.288.3500 01.289.3500		5						4 x 01.742.2400
	01.292.3500 01.293.3500								4 x 01.743.2400
Eural 65/75	01.252.3400 01.253.3400		3	1 mm pro	24 x 6 mm	-	01.734.2400	01.736/737.2400 with 01.879.0000 resp.	2 x 01.744.2400
	01.264.3400 01.265.3400		3 + bolts	truding				01.850/851 with 2 shims ldno. 19240*	2 x 01.745.2400
	01.290.3400 01.291.3400		5						4 x 01.744.2400
	01.294.3400 01.295.3400		5 + bolts						4 x 01.745.2400

<sup>\*=</sup> depending on the profile system, between strike plate and electric strike, resp. insertion piece

General information

# **Technical product information**

# Strike plates suitable for multi-point-lock 01.250-295...

- for inward opening doors without panic function

	Lock version								
system	Artno.	Direction	Locking points	Latch and dead bolt	U-shape front plate	Flat front plate	Strike plate closed	Strike plate with insertion piece resp. electric strike	Strike plate for hook bolt
Hartmann Systherm	01.252.3900 01.253.3900		3	1 mm pro	24 x 6 mm	-	01.732.2400	01.733.2400 with 01.879.0000 resp.	2 x 01.742.2400
62 / 72E	01.264.3900 01.265.3900		3 + bolts	truding				01.850/851	2 x 01.743.2400
	01.290.3900 01.291.3900		5						4 x 01.742.2400
	01.294.3900 01.295.3900		5 + bolts						4 x 01.743.2400
Heroal 065 / 010	01.252.3400 01.253.3400		3	1 mm pro	24 x 6 mm	-	01.734.2400	01.736/737.2400 with 01.879.0000 resp.	2 x 01.744.2400
	01.264.3400 01.265.3400		3 + bolts	truding				01.850/851 with 1 shim Idno. 42258*	2 x 01.745.2400
	01.290.3400 01.291.3400		5						4 x 01.744.2400
	01.294.3400 01.295.3400		5 + bolts						4 x 01.745.2400
Hueck 1.0	01.250.3500 01.251.3500		3	flush	-	24 x 3 mm	01.732.2400	01.733.2400 with 01.879.0000 resp.	2 x 01.742.2400
	01.262.3500 01.263.3500		3 + bolts					01.850/851	2 x 01.743.2400
	01.288.3500 01.289.3500		5						4 x 01.742.2400
	01.292.3500 01.293.3500		5 + bolts						4 x 01.743.2400
Metra 65	01.252.3400 01.253.3400		3	1 mm pro	24 x 6 mm			01.736/737.2400 with 01.879.0000 resp.	2 x 01.744.2400
	01.264.3400 01.265.3400		3 + bolts	truding				01.850/851 with 1 shim ldno. 42258*	2 x 01.745.2400
	01.290.3400 01.291.3400	Right hand Left hand	5						4 x 01.744.2400
	01.294.3400 01.295.3400		5 + bolts						4 x 01.745.2400
S 65 S 70	01.252.3400 01.253.3400		3	1 mm pro		mm –	01.734.2400	01.736/737.2400 with 01.879.0000 resp. 01.850/851 with 1 shim Idno. 42258*	2 x 01.742.2400
	01.264.3400 01.265.3400	Q	3 + bolts	truding					2 x 01.743.2400
	01.290.3400 01.291.3400		5						4 x 01.742.2400
	01.294.3400 01.295.3400		5 + bolts						4 x 01.743.2400
Thyssen W 70	01.250.3000 01.251.3000		3	flush	-	24 x 3 mm	01.732.2400	01.733.2400 with 01.879.0000 resp.	2 x 01.742.2400
	01.262.3000 01.263.3000							01.850/851	2 x 01.743.2400
	01.288.3000 01.289.3000		5						4 x 01.742.2400
	01.292.3000 01.293.3000	Left hand	+ bolts						4 x 01.743.2400
TKI 602	01.252.2900 01.253.2900		3	1 mm pro	22 x 6 mm	-	IdNr. 59270	Id-no. 59271 with 01.879.0000 resp.	2 x ld-no. 59405
	01.264.2900 01.265.2900	Left hand	+ bolts	truding				01.852/853	
	01.290.2900 01.291.2900	Left hand							4 x ld-no. 59405
	01.294.2900 01.295.2900	Left hand	+ bolts						
Wicona Wicstyle 65	01.250.3500 01.251.3500		3	flush	-	22 x 3 mm	01.732.2200	01.733.2200 with 01.879.0000 resp.	2 x 01.742.2200
Wicstyle 77	01.262.3500 01.263.3500	Left hand	+ bolts					01.850/851	2 x 01.743.2200
	01.288.3500 01.289.3500		5						4 x 01.742.2200
	01.292.3500 01.293.3500		5 + bolts						4 x 01.743.2200

<sup>\*=</sup> depending on the profile system, between strike plate and electric strike, resp. insertion piece

WSS

# Strike plates suitable for multi-point-lock 01.250-295...

- for outward opening doors
  without panic function

Profile	Lock version							
system	Artno.	Direction	Locking points	Latch and dead bolt	U-shape- front plate	Flat front plate	Strike plate with insertion piece resp. electric strike	Strike plate for hook bolts
Akotherm AT 730	01.252.3400 01.253.3400	Right hand Left hand	3	1 mm pro	24 x 6 mm	-	01.740/741.5200 with 01.878.0000 resp 01.850/851	2 x 01.742.2400
	01.264.3400 01.265.3400		3 + bolts	truding				2 x 01.743.2400
	01.290.3400 01.291.3400	Right hand	5					4 x 01.742.2400
	01.294.3400 01.295.3400	Right hand	5 + bolts					4 x 01.743.2400
Alcoa AA 610	01.250.4000 01.251.4000			flush	-	24 x 3 mm	AA 610 01.740/741.4700 AA 630 01.740/741.5200	2 x 01.742.2400
AA 630	01.262.4000	Right hand	3 + bolts				with 01.878.0000 resp. 01.850/851	2 x 01.743.2400
	01.288.4000 01.289.4000	Right hand						4 x 01.742.2400
	01.292.4000 01.293.4000	Right hand	5 + bolts					4 x 01.743.2400
Alsec 3000	01.252.2900 01.253.2900	Right hand		1 mm pro	22 x 6 mm	-	01.740/741.4700 with 2 chuck pieces Id-no. 18309 – 3 mm thickness	2 x 01.744.2200
	01.264.2900 01.265.2900	Right hand	3 + bolts	truding			with 01.878.0000 resp. 01.850/851	2 x 01.745.2200
	01.290.2900 01.291.2900	Right hand						4 x 01.744.2200
	01.294.2900 01.295.2900	Right hand	5 + bolts					4 x 01.745.2200
Brökel- mann RG	01.252.3400 01.253.3400	Right hand		1 mm	22 x 6 mm	-	01.740/741.5500 with 2 chuck pieces Id-no. 18309 – 3 mm thickness	2 x 01.744.2200
maiii ko	01.264.3400 01.265.3400	Right hand	3 + bolts	truding			with 01.878.0000 resp. 01.850/851	2 x 01.745.2200
	01.290.3400 01.291.3400	Right hand						4 x 01.744.2200
	01.294.3400 01.295.3400	Right hand	5 + bolts					4 x 01.745.2200
RC-Ekonal E65	01.250.3500 01.251.3500	Right hand		flush	-	24 x 3 mm	01.740/741.4400 with 01.878.0000 resp 01.850/851	2 x 01.742.2400
Sapa Buildings	01.262.3500 01.263.3500	Right hand	3 + bolts				01.63 6.0000 resp.: 01.63 6, 63 1	2 x 01.743.2400
	01.288.3500 01.289.3500	Right hand						4 x 01.742.2400
	01.292.3500 01.293.3500	Right hand	5 + bolts					4 x 01.743.2400
Hartmann Systherm	01.252.3900 01.253.3900	Right hand		1 mm pro	24 x 6 mm	-	Systherm 62 01.740/741.4400 Systherm 72E 01.740/741.5200	2 x 01.742.2400
62 / 72E	01.264.3900 01.265.3900	Right hand		truding			with 01.878.0000 resp. 01.850/851	2 x 01.743.2400
	01.290.3900 01.291.3900	Right hand						4 x 01.742.2400
	01.294.3900 01.295.3900	Right hand	5 + bolts					4 x 01.743.2400
Heroal 065 / 010	01.252.3400 01.253.3400	Right hand		1 mm	24 x 6 mm	-	Heroal 065 01.740/741.4400 with 2 chuck pieces	2 x 01.744.2400
003 / 010	01.264.3400 01.265.3400	Right hand	3 + bolts	truding			Heroal 010 01.740/741.4700 with 2 chuck pieces	2 x 01.745.2400
	01.290.3400 01.291.3400	Right hand					idno. 18309 – 3 mm thickness with 01.878.0000 resp. 01.850/851	4 x 01.744.2400
	01.294.3400 01.295.3400	Right hand	5 + bolts					4 x 01.745.2400
Hueck 1.0	01.250.3500	Right hand		flush	-	24 x 3 mm	01.740/741.5200 with	2 x 01.742.2400
	01.251.3500 01.262.3500	Right hand					01.878.0000 resp 01.850/851	2 x 01.743.2400
	01.263.3500 01.288.3500	Right hand	+ bolts					4 x 01.742.2400
	01.289.3500 01.292.3500	Right hand						4 x 01.743.2400
	01.293.3500	Left hand	+ bolts					



General information

**Technical product information** 

# Strike plates suitable for multi-point-lock 01.250-295...

- for outward opening doors without panic function

Profile	Lock version							
system	Artno.	Direction	Locking points	Latch and dead bolt	U-shape- front plate	Flat front plate	Strike plate with insertion piece resp. electric strike	Strike plate for hook bolts
Metra 65	01.252.3400 01.253.3400		3	1 mm pro	24 x 6 mm	-	01.740/741.4400 with 01.878.0000 resp 01.850/851	2 x 01.744.2400
	01.264.3400 01.265.3400		3 + bolts	truding				2 x 01.745.2400
	01.290.3400 01.291.3400		5					4 x 01.744.2400
	01.294.3400 01.295.3400		5 + bolts					4 x 01.745.2400
S 65 S 70	01.252.3400 01.253.3400		3	1 mm pro	24 x 6 mm	-	S 65 01.740/741.4400 S 70 01.740/741.4800	2 x 01.742.2400
	01.264.3400 01.265.3400		3 + bolts	truding		g with 01.878.0000 resp. 01.850/851		2 x 01.743.2400
	01.290.3400 01.291.3400		5				4 x 01.742.2400	
	01.294.3400 01.295.3400		5 + bolts					4 x 01.743.2400
TKI 602	01.252.2900 01.253.2900		3	1 mm pro	22 x 6 mm		Id-no. 59273 with 01.878.0000 resp. 01.850/851	2 x 01.743.2200
	01.264.2900 01.265.2900		3 + bolts	truding				
	01.290.2900 01.291.2900		5					4 x 01.743.2200
	01.294.2900 01.295.2900		5 + bolts					
	01.250.3500 01.251.3500		3	flush	-	22 x 3 mm	Wicstyle 77 01.740/741.5200	2 x 01.742.2200
Wicstyle 77	01.262.3500 01.263.3500		3 + bolts				with 01.878.0000 resp. 01.850/851	2 x 01.743.2200
	01.288.3500 01.289.3500		5					4 x 01.742.2200
	01.292.3500 01.293.3500		5 + bolts					4 x 01.743.2200

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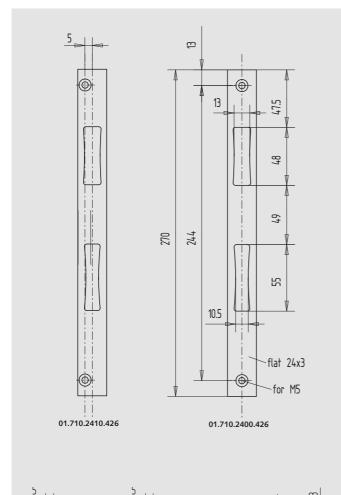
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WSS

# Strike plates suitable for multi-point-lock 01.254-269...

- for outward opening doors with panic function

Profile	Lock version								
system	Artno.	Direction	Locking points	Latch and dead bolt	U-shape front plate	Flat front plate	Strike plate with insertion piece resp. electric strike	Strike plate for hook bolts	
Akotherm AT 730	01.256.3400 01.257.3400		3	1 mm protru-	24 x 6 mm	-	01.740/741.5200 with 01.878.0000 resp 01.850/851	2 x 01.742.2400	
	01.268.3400 01.269.3400		3 + bolts	ding				2 x 01.743.2400	
Alcoa AA 610	01.254.4000 01.255.4000		3	flush	-	24 x 3 mm	AA 630 01.740/741.5200	2 x 01.742.2400	
AA 630	01.266.4000 01.267.4000		3 + bolts				with 01.878.0000 resp. 01.850/851	2 x 01.743.2400	
Alsec 3000	01.256.2900 01.257.2900		3	1 mm protru-	22 x 6 mm	-	01.740/741.4700 with 2 chuck pieces Id-no. 18309 – 3 mm thickness	2 x 01.744.2200	
	01.268.2900 01.269.2900		3 + bolts	ding			with 01.878.0000 resp. 01.850/851	2 x 01.745.2200	
Brökel- mann RG	01.256.3400 01.257.3400		3	1 mm protru-	22 x 6 mm	-	01.740/741.5500 with 2 chuck pieces Id-no. 18309 – 3 mm thickness	2 x 01.744.2200	
	01.268.3400 01.269.3400		3 + bolts	ding			with 01.878.0000 resp. 01.850/851	2 x 01.745.2200	
RC-Ekonal E65	01.254.3500 01.255.3500		3	flush	-	24 x 3 mm	01.740/741.4400 with 01.878.0000 resp 01.850/851	2 x 01.742.2400	
Sapa Buildings	01.266.3500 01.267.3500		3 + bolts					2 x 01.743.2400	
Hartmann Systherm	01.256.3900 01.257.3900		3	1 mm protru-	24 x 6 mm	-	Systherm 62 01.740/741.4400 Systherm 72E 01.740/741.5200 with 01.878.0000 resp. 01.850/851	2 x 01.742.2400	
62 / 72E	01.268.3900 01.269.3900		3 + bolts	ding				2 x 01.743.2400	
Heroal 065 / 010	01.256.3400 01.257.3400		3	1 mm protru-	ru-	mm –	Heroal 065 01.740/741.4400 with 2 chuck pieces Heroal 010 01.740/741.4700 with 2 chuck pieces Id-no. 18309 – 3 mm thickness with 01.878.0000 resp. 01.850/851	2 x 01.744.2400	
	01.268.3400 01.269.3400		3 + bolts	ding				2 x 01.745.2400	
Hueck 1.0	01.254.3500 01.255.3500		3	flush	-	24 x 3 mm	01.740/741.5200 with 01.878.0000 resp 01.850/851	2 x 01.742.2400	
	01.266.3500 01.267.3500		3 + bolts					2 x 01.743.2400	
Metra 65	01.256.3400 01.257.3400		3	1 mm protru-	24 x 6 mm	-	01.740/741.4400 with 01.878.0000 resp 01.850/851	2 x 01.744.2400	
	01.268.3400 01.269.3400		3 + bolts	ding				2 x 01.745.2400	
S 65 S 70	01.256.3400 01.257.3400		3	1 mm protru-	24 x 6 mm	-	S 65 01.740/741.4400 S 70 01.740/741.4800	2 x 01.742.2400	
	01.268.3400 01.269.3400		3 + bolts	ding			with 01.878.0000 resp. 01.850/851	2 x 01.743.2400	
TKI 602	01.256.2900 01.257.2900		3	1 mm protru-	22 x 6 mm	-	Id-no. 59273 with 01.878.0000 resp. 01.850/851	2 x 01.743.2200	
	01.268.2900 01.269.2900		3 + bolts	ding					
Wicona Wicstyle 65	01.254.3500 01.255.3500		3	flush	_	22 x 3 mm	Micstyle 65 01.740/741.4400 Wicstyle 77 01.740/741.5200 with 01.878.0000 resp. 01.850/851	2 x 01.742.2200	
Wicstyle 77	01.266.3500 01.267.3500		3 + bolts					2 x 01.743.2200	



# Strike plate

- flat material
- right and left hand usable
- inward/outward usable

Artno.	Size	Material/Surface
01.710.2400.426	24 x 3	Stainless Steel V2A, matt brushed
01.710.2410.426	24 x 3	Stainless Steel V2A, matt brushed

# Strike plate

- flat material
- right and left hand usable
- prepared for electric strike/insertion piece

Artno.	Size	Door opens	Material/Surface
01.711.2400.426	24 x 3	inw./outw.	Stainless Steel V2A, matt brushed
01.711.2410.426	24 x 3	inward	Stainless Steel V2A, matt brushed
01.711.2420.426	24 x 3	outward	Stainless Steel V2A, matt brushed

		1.74				
		87				
		67				
		7			244	270
		55	4.75	1	2.5	
		flat 24	4x3			

for M5

01.710.2400.426

01.710.2410.426



01.710.2420.426

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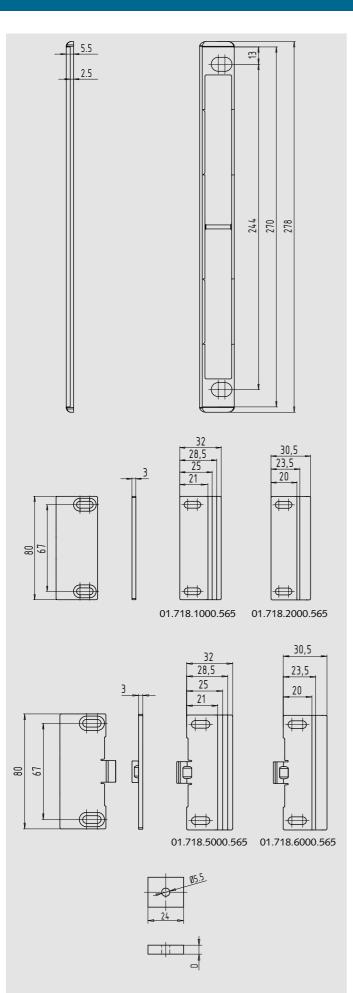
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# Supporting plate

■ right and left hand usable

Artno.	Size	Material/Surface	
01.717.0000.565	278 x 5,5	PVC, black	

# Latch guiding plate

- right and left hand usable
- for strike plates suitable for lock series 100
- for electric strike Mod. 118.ProFix2

Artno.	Size	Width	Material/Surface
01.718.1000.565	80 x 3	32	PVC, black
01.718.2000.565	80 x 3	30,5	PVC, black

# Latch support

- right and left hand usable
- for strike plates suitable for lock series 100
- for electric strike Mod. 118.130

Artno.	Size	Width	Material/Surface
01.718.5000.565	80 x 3	32	PVC, black
01.718.6000.565	80 x 3	30,5	PVC, black

## Distance block

- flat material
- right and left hand usable

Artno.	Size	D	Material/Surface
01.719.3000.105	24 x 20	3	Aluminium, bright
01.719.4000.105	24 x 20	4	Aluminium, bright
01.719.6000.105	24 x 20	6	Aluminium, bright



63		12	-
39 4/8	(A)	220	244
59 14 for M5		<b>⊢</b>	
9	24		50

for active leaf right hand

# Strike plate

- U-shape profile with PVC end caps
- right and left hand usable

Artno.	Size	Material/surface
01.720.2400.426	24 x 6	Stainless Steel V2A, matt brushed

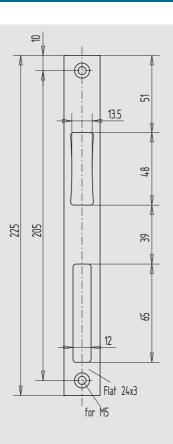
# Strike plate

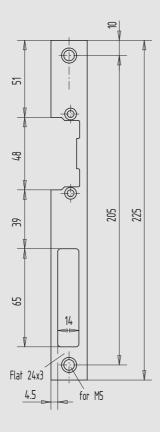
- U-shape profile with PVC end caps
- prepared for electric strike/insertion piece

Artno.	Direction	Size	Material/surface
01.722.2400.426	right hand	24 x 6	Stainless Steel V2A, matt brushed
01.723.2400.426	left hand	24 x 6	Stainless Steel V2A, matt brushed



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# Strike plate

- flat material
- right and left hand usable

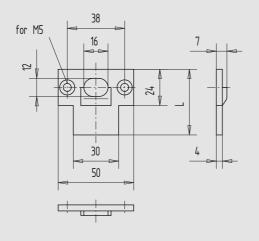
Artno.	Size	Material/surface
01.724.2400.426	24 x 3	Stainless Steel V2A, matt brushed

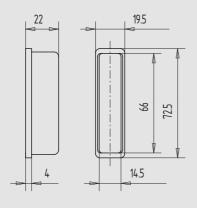
# Strike plate

- flat material
- right and left hand usable
- prepared for electric strike/insertion piece

Artno.	Size	Material/surface
01.725.2400.426	24 x 3	Stainless Steel V2A, matt brushed







# Strike plate for top-lock

### ■ flat material

Artno.	Size	Material/surface
01.726.2400.010	24 x 3	Steel, zinc-plated
01.726.2400.426	24 x 3	Stainless Steel V2A, matt brushed

# Strike plate for top-lock

- flat material
- chamber measure 14 16 mm

Artno.	Thickness of profile	Material/surface
01.727.4300.426	65	Stainless Steel V2A, matt brushed
01.727.4800.426	70	Stainless Steel V2A, matt brushed

# Cover for dead-bolt cutout

■ for U-profile strike plates 24 x 6 mm

Artno.	Material/surface
01.728.0000.565	PVC, black

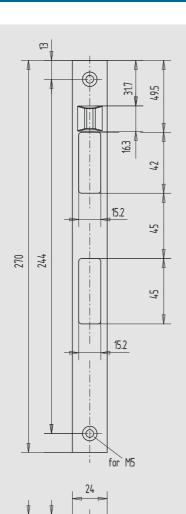
# Cover for dead-bolt cutout

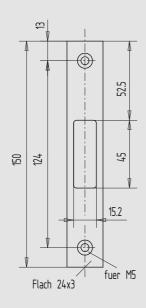
for flat strike plates

Artno.	Material/Surface
01.728.1000.565	PVC, black

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# Strike plate for self-locking panic locks

- flat material
- right and left hand usable

Artno.	Size	Material/Surface
01.730.2403.426	24 x 3	Stainless Steel V2A, matt brushed

# Strike plate for additional self-locking panic locks

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.731.2403.426	24 x 3	Stainless Steel V2A, matt brushed



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# Strike plate for self-locking panic locks

- U-shape profile
- right and left hand usable

Artno.	Size	Material/Surface
01.730.2406.426	24 x 6	Stainless Steel V2A, matt brushed

# Strike plate for additional self-locking panic locks

- U-shape profile
- right and left hand usable

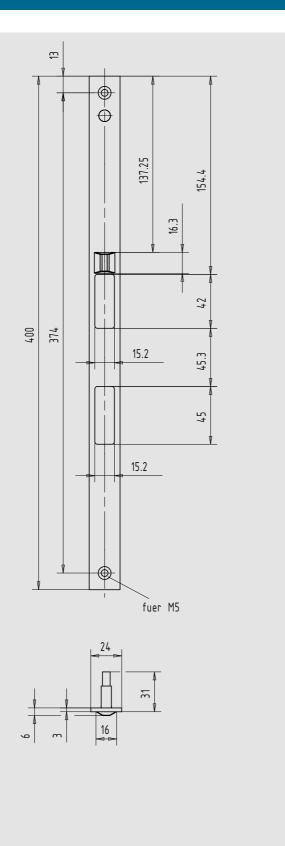
Artno.	Size	Material/surface
01.731.2406.426	24 x 6	Stainless Steel V2A, matt brushed



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# Strike plate for SI-panic motor locks

- with bedstop for control latch
- flat material
- right and left hand usable

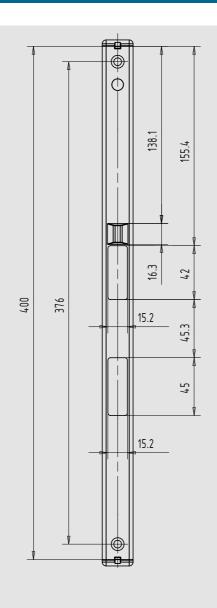
Artno.	Size	Material/Surface
01.730.2413.426	24 x 3	Stainless Steel V2A, matt brushed

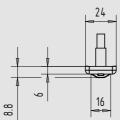


# Strike plate for SI-panic motor locks

- with bedstop for control latchU-shape profileright and left hand usable

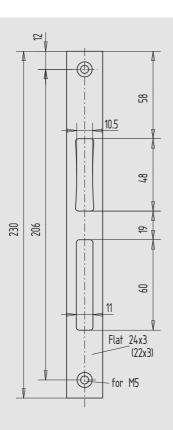
Artno.	Size	Material/Surface
01.730.2416.426	24 x 6	Stainless Steel V2A, matt brushed

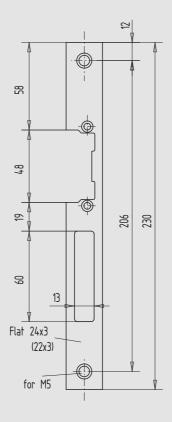






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# Strike plate

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.732.2200.426	22 x 3	Stainless Steel V2A, matt brushed
01.732.2400.426	24 x 3	Stainless Steel V2A, matt brushed

# Strike plate

- flat material
- right and left hand usable
- prepared for electric strike/insertion piece

Artno.	Size	Material/surface
01.733.2200.426	22 x 3	Stainless Steel V2A, matt brushed
01.733.2400.426	24 x 3	Stainless Steel V2A, matt brushed



# 902 22 907 008 13 008 24 (22)

for active leaf right hand

# Strike plate

- U-shape profile with PVC end caps
- right and left hand usable

Artno.	Size	Material/surface
01.734.2400.426	24 x 6	Stainless Steel V2A, matt brushed
01.734.2200.426	22 x 6	Stainless Steel V2A, matt brushed

# Strike plate

- U-shape profile with PVC end caps
- prepared for electric strike/insertion piece

Artno.	Direction	Size	Material/surface
01.736.2200.426	right hand	22 x 6	Stainless Steel V2A, matt brushed
01.736.2400.426	right hand	24 x 6	Stainless Steel V2A, matt brushed
01.737.2200.426	left hand	22 x 6	Stainless Steel V2A, matt brushed
01.737.2400.426	left hand	24 x 6	Stainless Steel V2A, matt brushed

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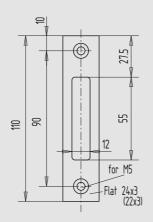
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# Strike plate with ramp bevel • flat material

■ prepared for electric strike/insertion piece

Artno.	Direction	Α	Size	Material/surface
01.740.4400.426	right hand	44,0	24 x 3	Stainless Steel V2A, matt brushed
01.740.4700.426	right hand	47,5	24 x 3	Stainless Steel V2A, matt brushed
01.740.4800.426	right hand	48,5	24 x 3	Stainless Steel V2A, matt brushed
01.740.5200.426	right hand	52,5	24 x 3	Stainless Steel V2A, matt brushed
01.740.5500.426	right hand	55,0	24 x 3	Stainless Steel V2A, matt brushed
01.741.4400.426	left hand	44,0	24 x 3	Stainless Steel V2A, matt brushed
01.741.4700.426	left hand	47,5	24 x 3	Stainless Steel V2A, matt brushed
01.741.4800.426	left hand	48,5	24 x 3	Stainless Steel V2A, matt brushed
01.741.5200.426	left hand	52,5	24 x 3	Stainless Steel V2A, matt brushed
01.741.5500.426	left hand	55,0	24 x 3	Stainless Steel V2A, matt brushed

# A 12 24 90Z 25 90 
for active leaf right hand

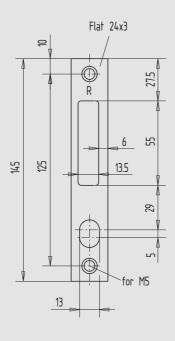


# Strike plate for dead-bolt lock with hooks

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.742.2200.426	22 x 3	Stainless Steel V2A, matt brushed
01.742.2400.426	24 x 3	Stainless Steel V2A, matt brushed





# Strike plate for dead-bolt lock with hooks

- flat material
- right and left hand usable
- one-side shifted

Artno.	Size	Material/surface
01.742.2401.426	24 x 3	Stainless Steel V2A, matt brushed

# Strike plate for hooks and bolts

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.743.2200.426	22 x 3	Stainless Steel V2A, matt brushed
01.743.2400.426	24 x 3	Stainless Steel V2A, matt brushed

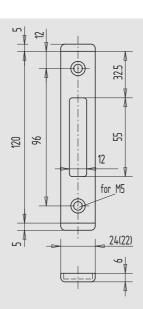
# Strike plate for hooks and bolts

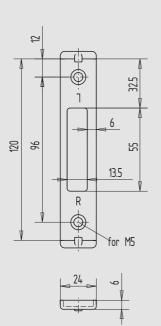
- flat material
- right and left hand usable
- one side shifted

Artno.	Size	Material/surface
01.743.2401.426	24 x 3	Stainless Steel V2A, matt brushed









# Strike plate for dead-bolt lock with hooks

- U-shape profile with PVC end capsright and left hand usable

Artno.	Size	Material/surface
01.744.2200.426	22 x 6	Stainless Steel V2A, matt brushed
01.744.2400.426	24 x 6	Stainless Steel V2A, matt brushed

# Strike plate for dead-bolt lock with hooks

- U-shape profile with PVC end caps
- right and left hand usable
- one side shifted

Artno.	Size	Material/surface
01.744.2401.426	24 x 6	Stainless Steel V2A, matt brushed



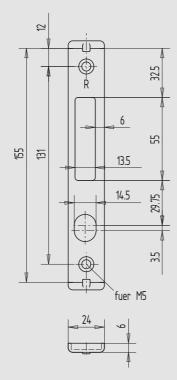


Illustration shows right handed version (left hand mirror inverted)

## Strike plate for hooks and bolts

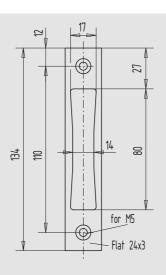
- U-shape profile with PVC end caps
- right and left hand usable

Artno.	Size	Material/surface
01.745.2200.426	22 x 6	Stainless Steel V2A, matt brushed
01.745.2400.426	24 x 6	Stainless Steel V2A, matt brushed

## Strike plate for hooks and bolts

- U-shape profile with PVC end caps
- one side shifted

Artno.	Direction	Size	Material/surface
01.745.2411.426	right hand	24 x 6	Stainless Steel V2A, matt brushed
01.745.2421.426	left hand	24 x 6	Stainless Steel V2A, matt brushed



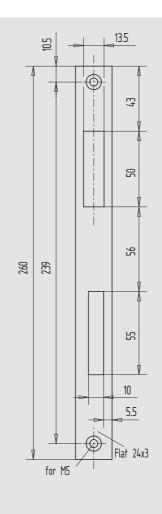
#### Strike plate

- flat material
- right and left hand usablefor additional swing-bolt locks

Artno.	Material/surface
01.746.2400.426	Stainless Steel V2A, matt brushed



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42.5

84

54.5

比

10 5.5 for M5

- Flat 24x3

<u>5.5</u>

#### Strike plate

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.748.2400.010	24 x 3	Steel, zinc-plated
01.748.2400.426	24 x 3	Stainless Steel V2A, matt brushed

#### Strike plate

- flat material
- prepared for electric strike/insertion piece

Artno.	Direction	Size	Material/surface
01.752.2400.010	right hand	24 x 3	Steel, zinc-plated
01.753.2400.010	left hand	24 x 3	Steel, zinc-plated



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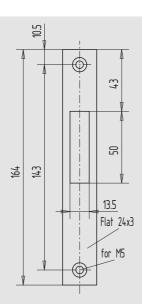
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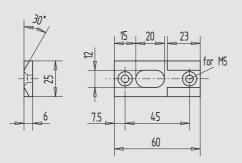
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## Strike plate for additional latch lock

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.749.2400.010	24 x 3	Steel, zinc-plated
01.749.2400.426	24 x 3	Stainless Steel V2A, matt brushed

## Strike plate for top-lock

- flat material
- right and left hand usable

· ·			
Artno.	Size	Material/surface	
01.750.2500.010	25 x 6	Steel, zinc-plated	



54.5	
54.5	
84	
37.5	
Flat 28x4	
for M5	_

#### Strike plate

- aluminium profile
- right and left hand usable

Artno.	Size	Material/surface
01.754.2800.114	28 x 4	Aluminium, E6/C-0 anodized
01.754.2800.154	28 x 4	Aluminium, E6/C-34 anodized
01.754.2800.255	28 x 4	Aluminium, RAL 9016 powder-coated

#### Strike plate

- aluminium profile
- right and left hand usable
- prepared for electric strike/insertion piece

Artno.	Size	Material/surface
01.755.2800.114	28 x 4	Aluminium, E6/C-0 anodized
01.755.2800.154	28 x 4	Aluminium, E6/C-34 anodized
01.755.2800.255	28 x 4	Aluminium, RAL 9016 powder-coated

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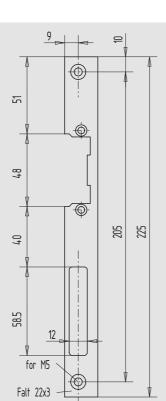
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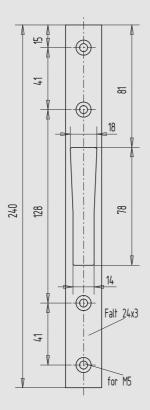
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for active leaf DIN right



#### Strike plate

- flat material
- prepared for electric strike/insertion piece

Artno.	Direction	Size	Material/surface
01.768.2200.426	right hand	22 x 3	Stainless Steel V2A, matt brushed
01.769.2200.426	left hand	22 x 3	Stainless Steel V2A, matt brushed

## Strike plate for swing-bolt lock

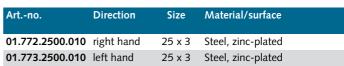
- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.770.2400.010	24 x 3	Steel, zinc-plated
01.770.2400.426	24 x 3	Stainless Steel V2A, matt brushed



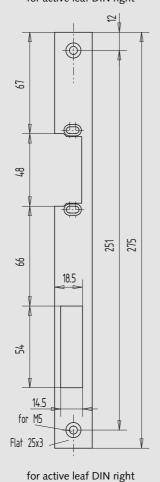
### Ц

## Strike plate • flat material



## 18.5 18.5 18.5 14.5 Flat 25x3

for active leaf DIN right

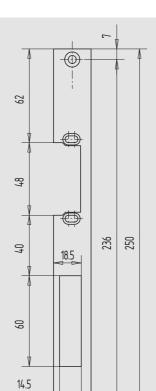


#### Strike plate

- flat material
- prepared for electric strike/insertion piece

Artno.	Direction	Size	Material/surface
01.774.2500.010	right hand	25 x 3	Steel, zinc-plated
01.775.2500.010	left hand	25 x 3	Steel, zinc-plated





for active leaf DIN right

for M5 Flat 25x3

#### Strike plate

- flat material
- prepared for electric strike/insertion piece

Artno.	Direction	Size	Material/surface
01.776.2500.010	right hand	25 x 3	Steel, zinc-plated
01.777.2500.010	left hand	25 x 3	Steel, zinc-plated



	12.5
48 405	110
14 Flat 24x3	220
for M5	<u> </u>
for active lea	f right hand

#### Strike plate

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.778.2400.010	24 x 3	Steel, zinc-plated
01.778.2400.426	24 x 3	Stainless Steel V2A, matt brushed

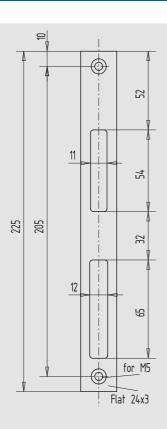
#### Strike plate

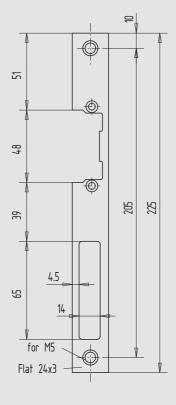
- flat material
- prepared for electric strike/insertion piece

Artno.	Direction	Size	Material/surface
01.780.2400.010	right hand	24 x 3	Steel, zinc-plated
01.780.2400.426	right hand	24 x 3	Stainless Steel V2A, matt brushed
01.781.2400.010	left hand	24 x 3	Steel, zinc-plated
01.781.2400.426	left hand	24 x 3	Stainless Steel V2A, matt brushed



i





## Strike plate for roller latch-lock

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.782.2400.426	24 x 3	Stainless Steel V2A, matt brushed

#### Strike plate

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.783.2400.426	24 x 3	Stainless Steel V2A, matt brushed

#### Compatible for:

Electrical door opener mod. 116/116 E page 179



# 12.5 Flat 40x3 for M5

#### Strike plate

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.784.4000.426	40 x 3	Stainless Steel V2A, matt brushed

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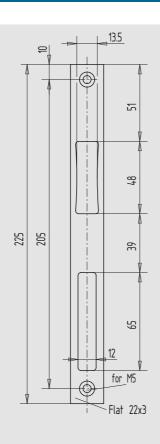
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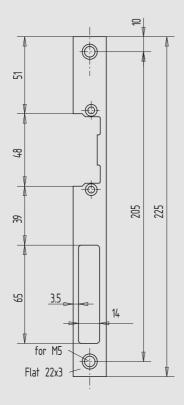
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#### Strike plate

- flat material
- right and left hand usable

Artno.	Size	Material/surface
01.785.2200.426	22 x 3	Stainless Steel V2A, matt brushed

#### Strike plate

- flat material
- right and left hand usable
- prepared for electric strike/insertion piece

Artno.	Size	Material/surface
01.786.2200.426	22 x 3	Stainless Steel V2A, matt brushed



#### Strike plate for outward opening doors

- for lock series 100 and art.-no. 01.338/339/346-349/360-363...
- suitable for:
  - Profile system Akotherm AT 730
  - Profile system Alcoa RT 72
  - Profile system Systherm 72 E
  - Profile system Hueck 1.0
  - Profile system Wicstyle 77 (WSS

#### Strike plate, closed

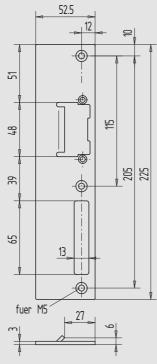
■ right and left hand usable

Artno.	Size	Material/surface
01.790.5200.426	52,5 x 3	Stainless Steel V2A, matt brushed

## 52.5 12 3 thick

## Strike plate, prepared for insertion piece/electric strike

Artno.	Direction	Size	Material/surface
01.792.5200.426	right hand	52,5 x 3	Stainless Steel V2A, matt brushed
01.793.5200.426	left hand	52,5 x 3	Stainless Steel V2A, matt brushed



for active leaf right hand



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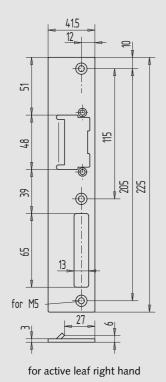
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## 41.5 12 3 thick



#### Strike plate for outward opening doors

- for lock series 100 and art.-no. 01.338/339/346-349/360-363...
- suitable for:
  - Profile system Wicstyle 65 (WSS-production)

#### Strike plate, closed

■ right and left hand usable

Artno.	Size	Material/surface
01.794.4100.426	41,5 x 3	Stainless Steel V2A, matt brushed

## Strike plate, prepared for insertion piece/electric strike

Artno.	Direction	Size	Material/surface
01.796.4100.426	right hand	41,5 x 3	Stainless Steel V2A, matt brushed
01.797.4100.426	left hand	41,5 x 3	Stainless Steel V2A, matt brushed



## Strike plate for outward opening doors

- for lock series 100 and art.-no. 01.338/339/346-349/360-363...
- suitable for:
  - Profile system RC-E 65
  - Profile system Hartmann Systherm 62 (WSS-production)

## Strike plate,

Artno.	Direction	Size	Material/surface
01.798.2400.426	right hand	45 x 3	Stainless Steel V2A, matt brushed
01.799.2400.426	left hand	45 x 3	Stainless Steel V2A, matt brushed

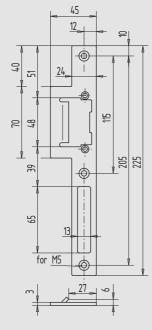
## prepared for insertion piece/electric strike

#### Strike plate for outward opening doors

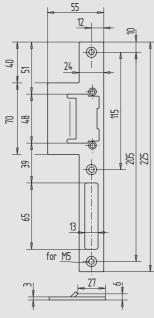
- for lock series 100 and art.-no. 01.338/339/346-349/360-363...
- suitable for:
  - Profile system Hartmann Systherm 72 (WSS-production)

#### Strike plate, prepared for insertion piece/electric strike

Artno.	Direction	Size	Material/surface
01.800.2400.426	right hand	55 x 3	Stainless Steel V2A, matt brushed
01.801.2400.426	left hand	55 x 3	Stainless Steel V2A, matt brushed

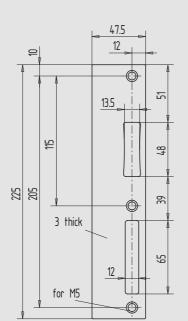


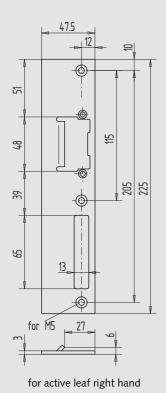
for active leaf right hand



for active leaf right hand







#### Strike plate for outward opening doors

- for lock series 100 and art.-no. 01.338/339/346-349/360-363...
- suitable for:
  - Profile system Alcoa AA 610 (WSS-production)

#### Strike plate, closed

■ right and left hand usable

Artno.	Size	Material/surface
01.802.4700.426	47,5 x 3	Stainless Steel V2A, matt brushed

## Strike plate, prepared for insertion piece/electric strike

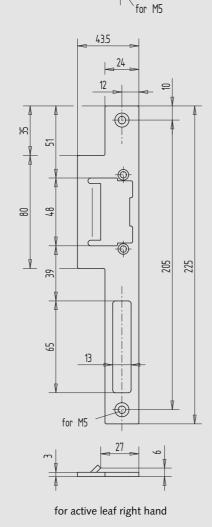
Artno.	Direction	Size	Material/surface
01.804.4700.426	right hand	47,5 x 3	Stainless Steel V2A, matt brushed
01.805.4700.426	left hand	47,5 x 3	Stainless Steel V2A, matt brushed



## 43.5 24 12 13.5 87 68

65

3 thick



#### Strike plate for outward opening doors

- for lock series 100
- suitable for:
  - Profile system S 65 (WSS-production)

#### Strike plate, closed

■ right and left hand usable

Artno.	Size	Material/surface
01.806.4300.426	43,5 x 3	Stainless Steel V2A, matt brushed

## Strike plate, prepared for insertion piece/electric strike

Artno.	Direction	Size	Material/surface
01.806.4301.426	right hand	43,5 x 3	Stainless Steel V2A, matt brushed
01.807.4301.426	left hand	43,5 x 3	Stainless Steel V2A, matt brushed

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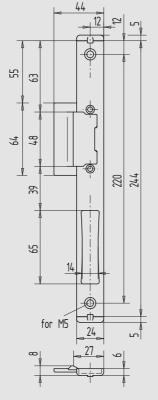
#### Strike plate for outward opening doors

- for art.-no. 01.338/339/346-349/360-363...
- suitable for:
  - Profile system S 65 (WSS-production)

## Strike plate, prepared for insertion piece/electric strike

- U-shape profile with PVC end caps
- with PVC latch guiding plate

Artno.	Direction	Size	Material/surface
01.806.2400.426	right hand	44 x 6	Stainless Steel V2A, matt brushed
01.807.2400.426	left hand	44 x 6	Stainless Steel V2A, matt brushed

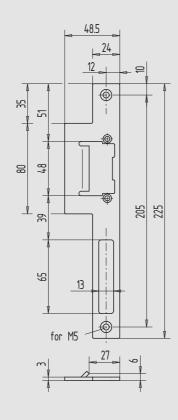


for active leaf right hand



#### 48.5 24 12 13.5 87 12 12 12 12 13.5 12 12 12 13.5 13.5 14.5 15.5 16.5 17.5 18.5 18.5 19

for M5



#### Strike plate for outward opening doors

- for lock series 100
- suitable for:
  - Profile system S 70 (WSS-production)

#### Strike plate, closed

■ right and left hand usable

Artno.	Size	Material/surface
01.808.4800.426	48,5 x 3	Stainless Steel V2A, matt brushed

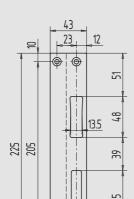
## Strike plate, prepared for insertion piece/electric strike

Artno.	Direction	Size	Material/surface
01.808.4801.426	right hand	48,5 x 3	Stainless Steel V2A, matt brushed
01.809.4801.426	left hand	48,5 x 3	Stainless Steel V2A, matt brushed



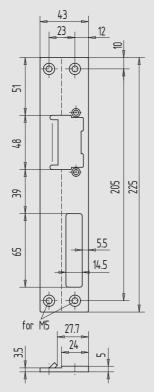
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for active leaf right hand

for M5



for active leaf right hand

#### Strike plate for outward opening doors

- for lock series 100 and art.-no. 01.338/339/346-349/360-363...
- suitable for:
  - Profile system Heroal 065 (WSS-production)

#### Strike plate, closed

Artno.	Direction	Size	Material/surface
01.810.4300.426	right hand	43 x 5	Stainless Steel V2A, matt brushed
01.811.4300.426	left hand	43 x 5	Stainless Steel V2A, matt brushed

## Strike plate, prepared for insertion piece/electric strike

Artno.	Direction	Size	Material/surface
01.812.4300.426	right hand	43 x 5	Stainless Steel V2A, matt brushed
01.813.4300.426	left hand	43 x 5	Stainless Steel V2A, matt brushed



#### Strike plate

- for fire resistant doors
- flat materialright and left hand usable

Artno.	Size	Material/surface
01.815.2400.010	24 x 3	Steel, zinc-plated
01.815.2400.426	24 x 3	Stainless Steel V2A, matt brushed

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Ø19.3

Ø19.7

Ø10.2

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### Top-lock







for passive-leaf locking
 right and loft hand usable

	r	ight	and	left	hand	usa	lble	,

Artno.	Backset	Material/Surface	
01.141.0000.010	variable	Steel, zinc-plated	

#### Accessories:

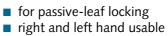
Forcing rod (tube) page 169

#### Latch



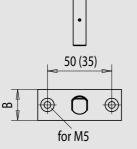






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Artno.	Backset	Maß L	Material/Surface	
01.141.2400.010	>34	65	Steel, zinc-plated	
01.141.2450.010	30/34	50	Steel, zinc-plated	





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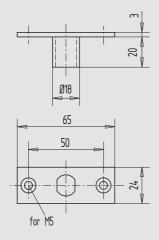


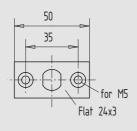
#### Sliding plug for top-lock

■ 8 mm head diameter

Artno.	Material/Surface	
01.142.0000.550	PVC, white	
Information	- to use with in forcing rod Artno. 01.826010 - mandatory for top lock Artno. 01.141.0000.010	







#### Strike plate

Artno.	Material/Surface
01.820.2400.010	Steel, zinc-plated

#### Latch

with connection pin

Artno.	Material/Surface
01.821.0000.010	Steel, zinc-plated

#### Latch guide

ex 35 mm backset

Artno.	Material/Surface
01.822.0000.010	Steel, zinc-plated

#### Latch guide

for 30/34 mm backset

Artno.	Material/Surface
01.823.0000.010	Steel, zinc-plated



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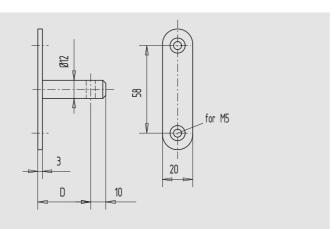
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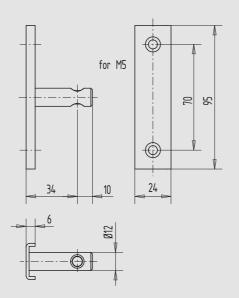
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#### Rod guide

Artno.	D	Material/Surface
01.824.3000.010	30	Steel, zinc-plated
01.824.3500.010	35	Steel, zinc-plated
01.824.4000.010	40	Steel, zinc-plated
01.824.4500.010	45	Steel, zinc-plated

## Rod guide, base plate 24mm wide (without illustration)

Artno.	D	Material/Surface
01.824.3524.426	35	Stainless Steel V2A, matt brushed

## Rod guide with U-shape front plate

Artno.	D	Material/Surface
01.824.3400.426	34	Stainless Steel V2A, matt brushed

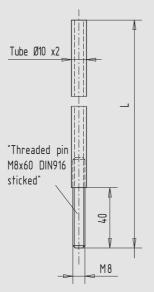


#### **Connection rod**

#### for customization

Artno.	Length	Version	Material/Surface
01.825.1500.010	M5 x 1550		Steel, zinc-plated
01.825.2000.010	M5 x 2000		Steel, zinc-plated





#### Forcing rod (tube)

#### ■ for top

Artno.	Length	Material/surface	
01.826.1000.010	1000	Steel, zinc-plated	
01.826.1500.010	1500	Steel, zinc-plated	
01.826.2000.010	2000	Steel, zinc-plated	



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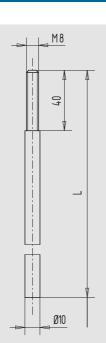
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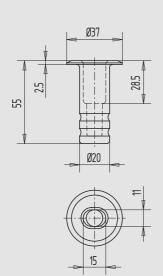
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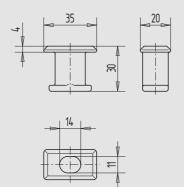
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#### Forcing rod

#### for bottom-locking

Artno.	Length	Material/surface	
01.827.1000.010	1000	Steel, zinc-plated	
01.827.1500.010	1500	Steel, zinc-plated	
01.827.2000.010	2000	Steel, zinc-plated	

#### Floor bush

#### for 10 mm round-rod

Artno.	Material/surface
07.230.0000.310	Brass, zinc-plated

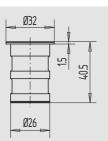
#### Floor bush

#### for 10 mm round-bar

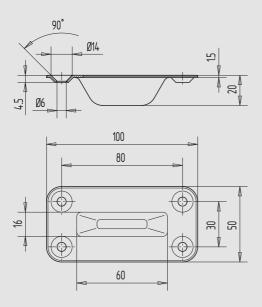
Artno.	Material/surface
07.231.0000.305	Brass, bright



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#### Floor bush

- for 10 mm round-rod
- aluminium case
- with springy screw couplingwith stainless steel cover plate

Artno.	Material/surface
07.233.0000.426	Stainless Steel V2A, matt brushed

#### Locking hutch

for 10 mm round-rod

Artno.	Material/surface
07.234.0000.426	Stainless Steel V2A, matt brushed



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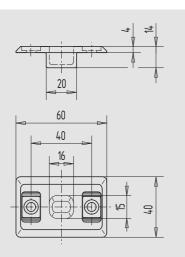
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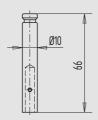
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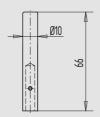
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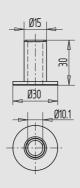
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#### Locking hutch

- with dividing plates
- +/- 2,5 mm adjustable

Artno.	Material/Surface
01.830.0000.426	Stainless Steel V2A, matt brushed

#### Locking hutch (without illustration)

- with dividing plates
- +/- 2,5 mm adjustable

Artno.	Material/Surface
01.830.1000.426	Stainless Steel V2A, matt brushed

#### Latch

- hardened
- complete, with dowel pin

Artno.	Material/Surface
01.831.0000.010	Steel, zinc-plated

## Locking piece, top

complete, with dowel pin

Artno.	Material/Surface
01.832.0000.010	Steel, zinc-plated

## Locking piece, bottom

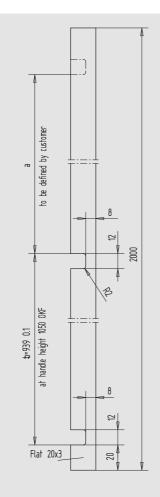
complete, with dowel pin

Artno.	Material/Surface
01.833.0000.010	Steel, zinc-plated

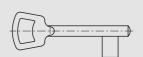
#### **Guiding bush**

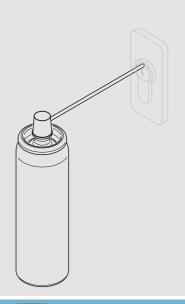
Artno.	Material/Surface
01.834.0000.405	Stainless Steel V2A, bright











#### **Connecting rod** for 3-latch-lock

■ flat material 20 x 3 mm

Artno.	Material/surface
01.835.2000.010	Steel, zinc-plated

#### **BB-insertion**

- die casting application
- fixing-screw M5 x 80 mm

Artno.	Material/surface
01.840.0000.705	Zinc Die Casting, raw

Material/surface

#### **BB-key**

Art.-no.

01.842.0000.000

■ suitable for BB-insertion

01.841.0000.025	Steel, matt nickel-plated
Cleaner GL 5	
<ul> <li>Aerosol can 60 ml</li> <li>for profile cylinder</li> <li>capable of creep</li> <li>greasing</li> <li>rust tackling</li> <li>water swamping</li> <li>anti corrosive</li> </ul>	
Artno.	

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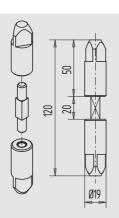
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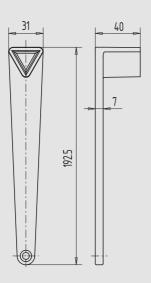
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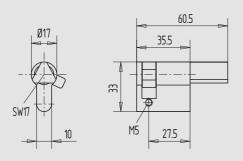
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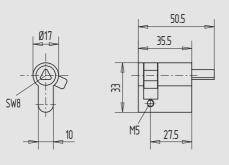
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## Handle insertion for three edged wedge

- connection axis 8 mm square
- 50 mm triangle-pivot

Artno.	Material/surface
01.843.0000.405	Stainless Steel V2A, bright

#### Triangular socket

according to DIN 3222

Artno.	Material/surface
01.844.0000.105	Aluminium, bright

## Profile cylinder for three edged wedge

- basic body, 35,5 mm
- triangle protrusion 25 mm
- with fixing screw M5 x 40 mm

Artno.	Material/surface
01.845.0000.305	Brass, bright
Association	

#### Accessories:

Triangular key article-no. 01.844...

## Profile short cylinder with three edged wedge

- Basic body, 35,5 mm
- triangle protrusion 25 mm

Special key for 8 mm triangle

- with fixing screw M5 x 40 mm
- 8 mm triangle arbor

Artno.	Material/surface
01.846.0000.305	Brass, bright
Accessories:	







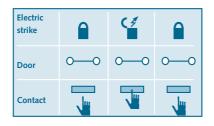
#### **Electric strikes**



The fundamental function of locks is not only to keep the door shut, but also to open the door.

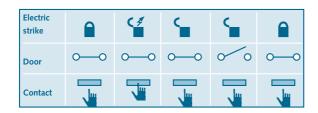
That is possible by handle, by key, various panic systems - or by electric powered strikes. They are divided in three different groups with different functions:

#### ■ Version 1: With operating current



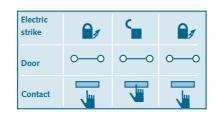
The door can only be opened while contact making. The typical buzzing tone is only hearable with alternating current. If the door is opened with direct current, the opening operation is soundless. By installation with a bulgingspring or inscription-bolt, the door releases visibly while contact making. The nominal voltage is 6 until 12 volts (8-12 volts). Information about versions with a special voltage are available on request. Versions for permanent contact with electric release are available as special order.

#### ■ Version 2: With arrester



The latch controlled arrester pin in the middle of the opener's latch keeps the electric strike released, even after contacting, until the door is opened.

#### ■ Version 3: With closed current



As long as the electric strike is supplied with power, the door stays closed. Not until the power is turned off or during a power outage, the electric strike can be moved and the door is ready to be opened.

The nominal voltage is 24 volts. For the use along emergency exit routes, there is only the model 331 in combination with emergency exit system 05.874.0000.426 or 05.875.0000.426 allowed.

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WSS

#### **Electric strikes**



■ The E-versions for mechanic release.

The release lever in the corner of the latch's cut-out switches out the function of the electric strike while visiting time. The electric strike's latch is movable, the door is ready to be opened as often as wanted. The equipment with an additional door closer prevents, that the door becomes opened unintented, e.g. while a wind blast.

■ The Ee-versions for electric release.

The function of the electric strike by locking the door becomes temporary switched-off by DC collector current (eE). This happens by a special switch or a time switch.

The electric strike's latch is movable while switched-on release. The door can be opened as often as wanted. An additional door closer prevents the door from getting opened unintentionally. A moment contact making with alternating voltage is possible.

■ The feedback signal.

The order addition for the version with a feedback signal is RR. The feedback contact is activated by a slider or a contact plate, which is installed behind the latch's edge. The feedback signal is always effected as a potential-free change-over contact. Electric strikes with feedback contacts dispose of three colored connection clamps.

- green = n: Foot contact (Tie point)
- blue = no: Closer
- red = nc: Electric strike

Devianting identifications are mentioned in the included installation instructions.

Different from other control contacts, like magnet- or cone contacts, the position of the feedback contact signalizes, that the door is locked. Feedback contacts are mainly required for access control systems. They give the information "door open" or "door closed". The access control analyzes this information and controls the door. If the door is not closed after access for example, the control system activates an alarm. The current feed of the electric strike is stopped by opening the door. After closing the door, it it locked immediately. Also messages to alarm systems, factory master control systems and so on, are realized by a feedback contact. The prerequisite for a clean working of the feedback contact is the correct positioning of the lock latch in the electric strike latch.To guarantee the neccessary operation way of the slider or the activating plate, the lock latch has to shut the electric strike latch.

Operating voltages 6-12 V 8-12 V (D1), 8-12 V (R1), 12 V Inter phone (E5), 12 V AC/DC (E1) and 24 V AC/DC (F1)

These versions are constructed for the short-term operation of maximum 5 seconds under alternating current. They must not be operated by long-term current. While short-term operation, the normal voltage can be overshut about maximum 50 %.

■ The operating voltages 12 V eE (E3)and 24 V eE (F3).

These versions are constructed for the long-term operation under direct current voltage (DC).

Thereby a door can be unlocked for long periods. Operation under alternating current (AC) with its resulting buzzing is also possible. During shortterm operation, the normal voltage can be exceeded by a maximum of 50 %.

■ The operating voltages 12 V 100 % ED (E4)and 24 V 100 % ED (F4).

These versions are constructed for the long-term operation by direct current voltage (DC).

The operation by alternating current is not possible. While short-term operation, the normal voltage can be overshut about maximum 50 %.

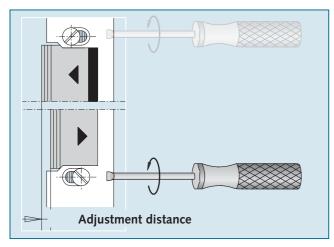
■ The xx05-versions for 12 V DC access control systems.

The order addition "05" of the version describes a parallel switched free-wheeling diode to the spool, which provides protection against inductive overvoltage. These versions can only be operated under direct current and can be combined with voltages E3 and E4.



#### **Electric strikes**

■ The Fix-versions (electric strike with adjustable or arrestable latch).

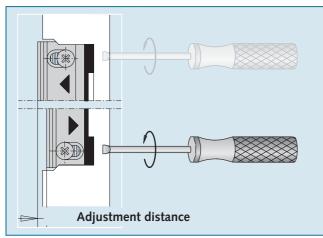


The perfect facility for electric strike installation:

The holes in the strike plate are oval milled. The electric strike's case can be horizontally adjusted about 4 mm after installation. That way the lock latch and snap-chamfer can be perfectly adjusted or fixed.

Correction and operation-secure installation, even under difficult installation conditions.

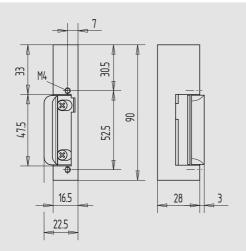
■ The Fafix-versions (electric strike with adjustable or arrestable latch).



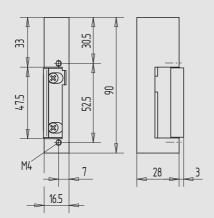
There's no easier way for adjustment of the latch: Easy installation and uncomplicated adjustment of the electric strike's latch to the lock latch

- also under tightest location conditions – after installation. An expansion compensation by readjustment is possible anytime.

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for active leaf DIN right



for active leaf right hand

#### **Electric strike**

- 6 12 Volts
- burglary resistant up to 3000 N
- with collateral latch cover
- adjustable latch approx. 4 mm

Artno.	Direction	Function
01.850.1000.000	right hand	Operating current without mechanical release
01.850.2000.000	right hand	Operating current with mechanical release
01.851.1000.000	left hand	Operating current without mechanical release
01.851.2000.000	left hand	Operating current with mechanical release

#### Further options:

22) 24 volt

31) electric release (eE)

33) with diode

34) with interlock

Attention Option 33) = model 1905 Option 34) = model 29

#### **Electric strike**

- 6 12 Volts
- burglary resistant up to 3000 N
- without collateral latch cover
- adjustable latch approx. 3 mm

Artno.	Direction	Function
01.852.1000.000	right hand	Operating current without mechanical release
01.852.2000.000	right hand	Operating current with mechanical release
01.853.1000.000	left hand	Operating current without mechanical release
01.853.2000.000	left hand	Operating current with mechanical release

#### **Further options:**

22) 24 volt

31) electric release (eE)

33) with diode

34) with interlock

35) closed current

Attention Option 33) = model 1905 Option 34) = model 29 Option 35) = model 39





#### Electric strike model 116/116 E, with radius latch

- 6 12 Volts
- burglary resistant up to 5000 N
- right/left hand and horizontally usable
- adjustable latch approx. 1,7 mm

Artno.	Function
01.854.1000.000	Operating current without mechanical release
01.854.2000.000	Operating current with mechanical release

#### **Further options:**

- 22) 24 volt
- 32) with feedback signal
- 33) with diode
- 34) with interlock
- 35) closed current

Attention	Option 32) = other dimensions Option 34) = model 126 Option 35) = model 136
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#### Electric strike model 119/119 E, with radius latch

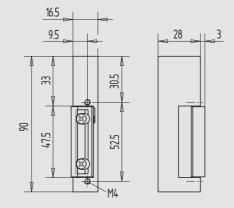
- 6 12 Volts
- burglary resistant up to 3000 N
- adjustable latch approx. 1,8 mm

Artno.	Direction	Function
01.856.1000.000	right hand	Operating current without mechanical release
01.856.2000.000	right hand	Operating current with mechanical release
01.857.1000.000	left hand	Operating current without mechanical release
01.857.2000.000	left hand	Operating current with mechanical release

#### **Further options:**

- 22) 24 volt
- 31) electric release (eE)
- 34) with interlock
- 35) closed current

Option 34) = model 129 Option 35) = model 139

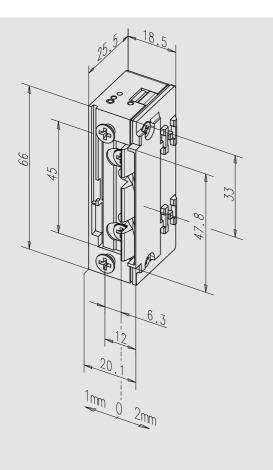


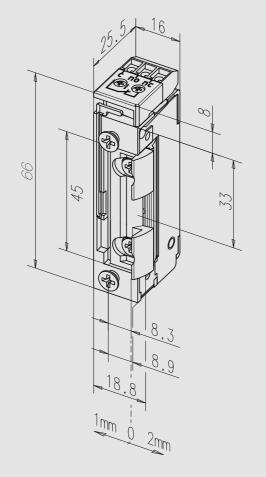
for active leaf right hand





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## Electric strike Mod. 118 ProFix2, with radius latch

- 10 24 Volt
- right / left hand and horizontally usable
- with electrical release (eE/100% ED)
- adjustable latch (FaFix) 3 mm (1 mm steps)
- with mounted ProFix2-latch guide
- low installation dimensions: 66 x 16 x 25,5 mm

Artno.	Function
01.859.1000.000	Operating current without mechanical release
01.859.2000.000	Operating current with mechanical release
Further options:	
<ul><li>32) with feedback signal</li><li>33) with diode</li></ul>	

Information:	Eventually there must be used a stronger mounting piece when using WSS multi-point-locks.
	Electric strike with mounting piece and release: 118.330A71 Electric strike with mounting piece without

## Electric strike Mod. 118.130, with radius latch

- 10 24 Volt
- for latch support
- right / left hand and horizontally usable
- with electrical release (eE/100% ED)
- adjustable latch (FaFix) 3 mm (1 mm steps)
- low installation dimensions: 66 x 16 x 25,5 mm

Artno.	Function
01.859.5000.000	Operating current without mechanical release
01.859.6000.000	Operating current with mechanical release

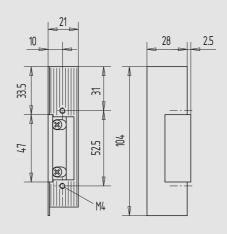
#### Further options:

- 32) with feedback signal
- 33) with diode





for active leaf right hand



for active leaf right hand

# Electric strike model 17/17 E

- 6 12 Volts
- burglary resistant up to 3500 N
- right/left hand and horizontally usable
- FaFix-version, adjustable latch approx. 3 mm

Artno.	Function
01.864.1000.000	Operating current without mechanical release
01.864.2000.000	Operating current with mechanical release

#### **Further options:**

- 22) 24 volt
- 32) with feedback signal
- 33) with diode
- 34) with interlock
- 35) closed current

Attention	Option 33) = model 1705
	Option 34) = model 27
	Option 35) = model 37

# Security electric strike model 142 UF

- 12/24 Volts switchable
- burglary resistant up to 10000 N
- Fix-version \*), for smoke- and fire-resistant doors
- steel-precision casting case

01.866.1000.000 right hand Operating current without mechanical release  01.867.1000.000 left hand Operating current without mechanical release	Artno.	Direction	Function
	01.866.1000.000	right hand	
	01.867.1000.000	left hand	

#### Further options:

- 31) electric release (eE)
- 32) with feedback signal

illorination ) on accordant strike plate, company en	Information	accordant strike plate, company eff eff
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# Security electric strike model 142 U

- 12/24 Volts switchable
- burglary resistant up to 6500 N
- FaFix and Fix-version \*) combined
- for smoke- and fire-resistant doors, adjustable latch approx. 4 mm
- steel-precision casting case and latch

Artno.	Direction	Function
01.868.1000.000	right hand	Operating current without mechanical release
01.869.1000.000	left hand	Operating current without mechanical release

#### Further options:

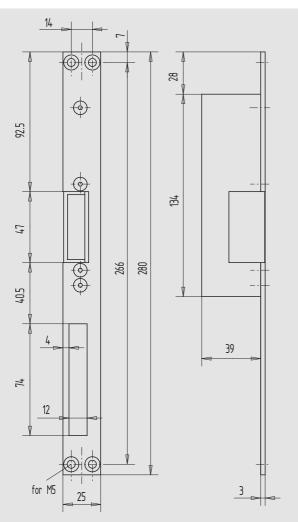
- 31) electric release (eE)
- 32) with feedback signal

Information	*) on accordant strike plate, company eff eff
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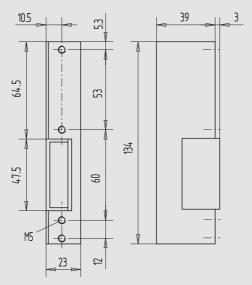




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for active leaf right hand



for active leaf right hand

# Security electric strike model 131

- 12 Volts
- burglary resistant up to 15000 N
- with silver-colored strike plate
- for smoke- and fire-resistant doors
- steel-precision casting case

Artno.	Direction	Function	Material/surface
01.870.1000.030	right hand	Operating current without mechanical release	Steel, silver pow- der-coated
01.871.1000.030	left hand	Operating current without mechanical release	Steel, silver pow- der-coated

#### Further options:

- 22) 24 volt
- 32) with feedback signal
- 33) with diode

# Security electric strike model 131

- 12 Volts
- burglary resistant up to 10000 N
- FaFix-version
- for smoke- and fire-resistant doors
- adjustable latch approx. 2 mm
- steel-precision casting case

Artno.	Direction	Function
01.872.1000.000	right hand	Operating current without mechanical release
01.873.1000.000	left hand	Operating current without mechanical release

#### Further options:

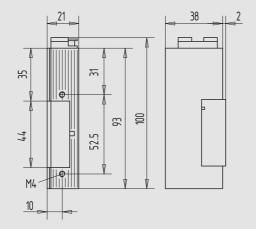
- 22) 24 volt
- 32) with feedback signal
- 33) with diode







#### for active leaf right hand



for active leaf right hand

**Electric strike** model 12 wd E

- 6 12 Volts
- burglary resistant up to 3000 N
- with zinc-plated strike plate, Fix-version
- water proof version

Artno.	Direction	Function	Material/surface
01.874.2000.010	right hand	Operating current with mechanical release	Steel, zinc- plated
01.875.2000.010	left hand	Operating current with mechanical release	Steel, zinc- plated

#### **Further options:**

- 22) 24 volt
- 31) electric release (eE)
- 33) with diode
- 34) with interlock

35) closed current		
	Option 34) = model 22 Option 35) = model 32	

## **Electric strike** model 12 wd

- 6 12 Volts
- burglary resistant up to 3000 N
- water proof version

Artno.	Direction	Function
01.876.1000.000	right hand	Operating current without mechanical release
01.877.1000.000	left hand	Operating current without mechanical release

#### Further options:

- 22) 24 volt
- 31) electric release (eE)
- 33) with diode
- 34) with interlock
- 35) closed current

Attention	Option 34) = model 22 Option 35) = model 32



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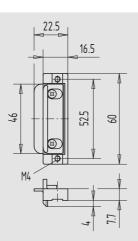
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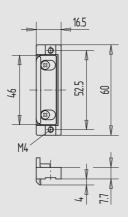
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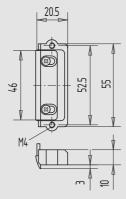
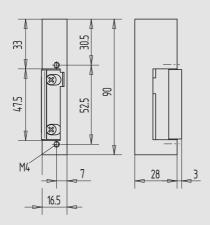


Illustration shows Model 1410



for active leaf right hand

# Latch piece

- adjustable approx. 3,5 mm
- with latch cover
- right and left hand usable

Artno.	Material/surface
01.878.0000.710	Zinc Die Casting, zinc-plated

# Latch piece

- adjustable approx. 3,5 mm
- without latch cover
- right and left hand usable

Artno.	Material/surface
01.879.0000.710	Zinc Die Casting, zinc-plated

## Latch piece model 1410/1410 E

- adjustable approx. 3 mm
- without latch cover
- right and left hand usable

Artno.	Function	Material/surface
01.880.1000.705	without mechanical release	Zinc Die Casting, raw
01.880.2000.705	with mechanical release	Zinc Die Casting, raw

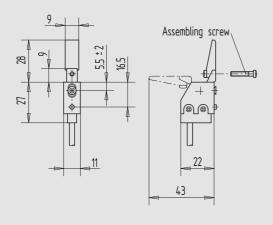
# Latch piece model 1910 E (complete inside the electric-strike's case)

- adjustable approx. 3 mm
- without latch cover

Artno.	Direction	Function	Material/surface
01.882.2000.705	right hand	with mechanical release	Zinc Die Casting, raw
01.883.2000.705	left hand	with mechanical release	Zinc Die Casting, raw







## Dead bolt switching contact model 875

- switching voltage max. 25 Volts/1,5A
- dead bolt throwin without strike plate 15 mm
- reaction distance 4 mm
- acable length 4000 mm
- degree of protection IP 54

Art.-no.

01.884.0000.000

# Dead bolt switching contact model 878

- switching voltage max. 25 Volts /1,5A
- reaction distance 4 mm
- acable length 4000 mm
- degree of protection IP 54

Art.-no.

01.885.0000.000





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# **Profile cylinders**

Which cylinder is for which range of use? Depending on the usage area, there is a multiplicity of classifications for profile-cylinders. Here you can find miscellanious criteria, which can alleviate your choice.



#### Danger function

The cylinder is lockable from both sides (when key is inserted on one side the cylinder is lockable from the other side with any authorized key)

#### ■ Protection against drilling, class 1 "BS1"

The first pivot-pair per cylinder side\* is hardened-bronze with hardened and chrome-plated steel application.

#### ■ Danger-key equipment

When key is inserted on one side the cylinder is lockable from the other side with a special danger-key (for master-key systems).

#### Protection against drilling and pulling according to VdS class B "BZ2"

Per cylinder side 2 drilling-plates, 3 hardened-metal pivots and 1 drilling cover-plate.

#### Protection against drilling, class 3 "BS3"

Per cylinder side\* 2 additional hardened-steel needle-pivots.

#### Wear-proof version

Chemical nickel-plated core, German-silver keys.

#### ■ Protection against drilling, class 4, "BS4"

For especially endangered outside doors, per cylinder side 3 additional hard-metal pivots and 1 drilling coverplate.

#### Seawater resistant version

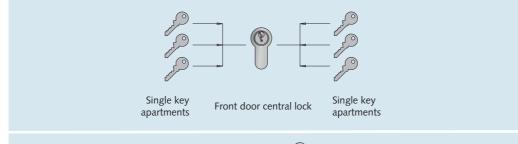
Brass locking nose and front-plate screws, German-silver keys.

<sup>\*</sup>Protection against drilling and pulling is standard-provided onesided (also possible double-sided) for asymmetric cylinders on the extended side.

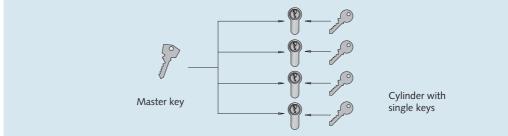
# **Locking systems**

The more superiordinated and group comprehensive keys respectively cylinders there are, the more ambitious is the locking-system. The most important aspects are security, comfort and organization. Our range provides the adequate locking-system by these three aspects. For domestic as well as commercial building.

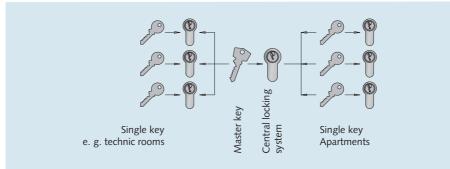
■ Central locking system



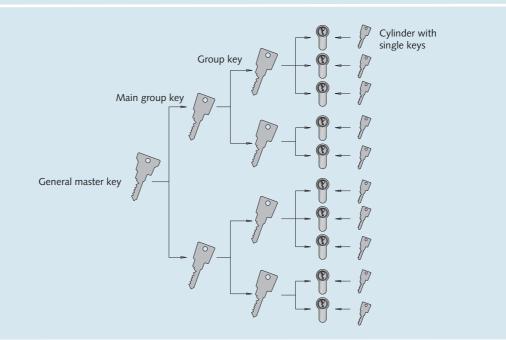
■ Master key system



■ Master key-central locking system



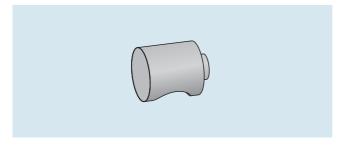
■ Generalmaster keysystem



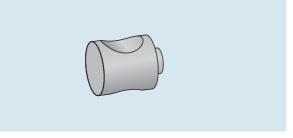
WSS



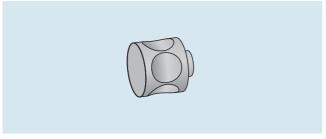
# **Special knobs**



■ Knob "L" HEWI-Knob (polyamid) Color acc. to HEWI-catalogue



■ Knob "H" Silver anodized (also special colors) Stainless steel and brass polished or matt



■ Knob "S" Silver anodized (also special colors)



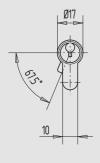
■ Knob "E" Silver anodized (also special colors)

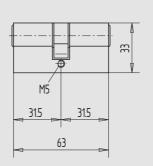


■ Knob "A" Silver anodized (also special colors)



■ Knob "CR" Silver anodized (also special colors)





# Profile cylinder, different keyways

- with 5 pins according to DIN 18252/EN 1303
- brass satin nickel-plated, shot-blasted with glass balls
- with 3 keys
- normal length 63 mm
- with fixing screw M5 x 80 mm

Length of cylin- der	Standard	Danger function
31,5/31,5	01.901.3131.325	01.902.3131.325
31,5/35,5	01.901.3135.325	01.902.3135.325
31,5/40,5	01.901.3140.325	01.902.3140.325
31,5/45,5	01.901.3145.325	01.902.3145.325
31,5/50,5	01.901.3150.325	01.902.3150.325
31,5/55,5	01.901.3155.325	01.902.3155.325
31,5/60,5	01.901.3160.325	01.902.3160.325
31,5/65,5	01.901.3165.325	01.902.3165.325
35,5/35,5	01.901.3535.325	01.902.3535.325
35,5/40,5	01.901.3540.325	01.902.3540.325
35,5/45,5	01.901.3545.325	01.902.3545.325
35,5/50,5	01.901.3550.325	01.902.3550.325
35,5/55,5	01.901.3555.325	01.902.3555.325
35,5/60,5	01.901.3560.325	01.902.3560.325
40,5/40,5	01.901.4040.325	01.902.4040.325
40,5/45,5	01.901.4045.325	01.902.4045.325
40,5/50,5	01.901.4050.325	01.902.4050.325
40,5/55,5	01.901.4055.325	01.902.4055.325
40,5/60,5	01.901.4060.325	01.902.4060.325
45,5/45,5	01.901.4545.325	01.902.4545.325

# same keyways

Length of cylin- der	Standard	Danger function
31,5/31,5	01.903.3131.325	01.904.3131.325
31,5/35,5	01.903.3135.325	01.904.3135.325
31,5/40,5	01.903.3140.325	01.904.3140.325
31,5/45,5	01.903.3145.325	01.904.3145.325
31,5/50,5	01.903.3150.325	01.904.3150.325
31,5/55,5	01.903.3155.325	01.904.3155.325
31,5/60,5	01.903.3160.325	01.904.3160.325
31,5/65,5	01.903.3165.325	01.904.3165.325
35,5/35,5	01.903.3535.325	01.904.3535.325
35,5/40,5	01.903.3540.325	01.904.3540.325
35,5/45,5	01.903.3545.325	01.904.3545.325
35,5/50,5	01.903.3550.325	01.904.3550.325
35,5/55,5	01.903.3555.325	01.904.3555.325
35,5/60,5	01.903.3560.325	01.904.3560.325
40,5/40,5	01.903.4040.325	01.904.4040.325
40,5/45,5	01.903.4045.325	01.904.4045.325
40,5/50,5	01.903.4050.325	01.904.4050.325
40,5/55,5	01.903.4055.325	01.904.4055.325
40,5/60,5	01.903.4060.325	01.904.4060.325
45,5/45,5	01.903.4545.325	01.904.4545.325
Maintenance information	Cleaner GL 5 see pag Do not use graphite of	
Information	Profile cylinder is also in special length and secured locking with security certificate available. further options: brass polished brass bronzed brass matt brushed	
Special	Protection against drill	





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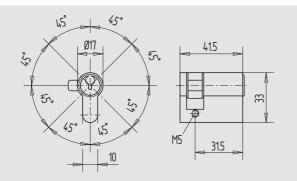
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# Profile short cylinder, different keyways

- locking nose 12-fold adjustable
- with 5 pins according to DIN 18252/EN 1303
- brass satin nickel-plated, shot-blasted with glass balls
- with 3 keys
- normal length 41,5 mm
- with fixing screw M5 x 80 mm

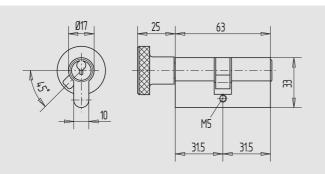
Length of cylinder	ArtNo.
41,5	01.905.4100.325
45,5	01.905.4500.325
50,5	01.905.5000.325
55,5	01.905.5500.325
60,5	01.905.6000.325
65,5	01.905.6500.325
70,5	01.905.7000.325
80,5	01.905.8000.325

# same keyways

Length of cylinder	ArtNo.	
41,5	01.906.4100.325	
45,5	01.906.4500.325	
50,5	01.906.5000.325	
55,5	01.906.5500.325	
60,5	01.906.6000.325	
65,5	01.906.6500.325	
70,5	01.906.7000.325	
80,5	01.906.8000.325	
Maintenance information	Cleaner GL 5 see <b>page 173</b> .  Do not use graphite or other lubricants!	
Information	Profile cylinder is also in special length and secured locking with security certificate available. Profile cylinder for fire rescue triangle see artno. 01.845.0000.305. further options: brass polished brass bronzed brass matt brushed	
Special	Protection against drilling classification 1 "BS 1" *) Protection against drilling classification 3 "BS 3" *) Protection against drilling classification 4 "BS 4" *) wear-proof version *) sea-water resistant version *) *) see page 186	







# Thumb turn, different keyways

- with EV1 anodized aluminium turning knob
- with 5 pins according to DIN 18252/EN 1303
- brass satin nickel-plated, shot-blasted with glass balls
- with 3 keys
- normal length 63 mm
- with fixing screw M5 x 80 mm

Length of cylin- der	ArtNo.
31,5/31,5	01.913.3131.325
31,5/35,5	01.913.3135.325
31,5/40,5	01.913.3140.325

# Thumb turn, same keyways

Length of cylinder	ArtNo.
31,5/31,5	01.914.3131.325
31,5/35,5	01.914.3135.325
31,5/40,5	01.914.3140.325
Maintenance information	Cleaner GL 5 see <b>page 173</b> .  Do not use graphite or other lubricants!
Information	Profile knob cylinder is also in special length (extended at the locking side). further options: Cylinder brass polished Cylinder brass bronzed Cylinder brass matt brushed
Special	Protection against drilling classification 1 "BS 1" *) Protection against drilling classification 3 "BS 3" *) Protection against drilling classification 4 "BS 4" *) wear-proof version *) sea-water resistant version *) *) see page 186





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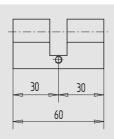
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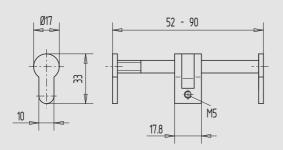
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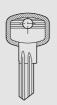
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# Blind cylinder

- brass matt nickel-plated
- normal length 60 mm
- with fixing screw M5 x 80 mm

Length of cylinder	ArtNo.
28/28	01.915.2828.325
28/33	01.915.2833.325
30/30	01.915.3030.325
30/35	01.915.3035.325
30/40	01.915.3040.325
30/45	01.915.3045.325
30/50	01.915.3050.325
35/35	01.915.3535.325
35/40	01.915.3540.325
35/45	01.915.3545.325
35/50	01.915.3550.325
35/55	01.915.3555.325
40/40	01.915.4040.325
Special	Blind cylinder also with in special length available.

# Universal blind cylinder

- 50 84 mm adjustable
- permitted for T90-doors
- with fixing screw M5 x 80 mm

Artno.	Material/surface
01.915.5290.725	Zinc Die Casting, matt nickel- plated

# Cylinder key

- for normal- and short cylinder
- with cuttings (as additional key)

_	•
Artno.	Material/surface
01.916.0000.025	Steel, matt nickel-plated

## Cylinder key

- for normal- and short cylinder
- without cuttings (blank key)

Artno.	Material/surface
01.917.0000.025	Steel, matt nickel-plated







# Cylinder padlock brass, different keyways

- brass, massive
- stainless steel clamp, double-turn
- 2 keys
- stainless steel (inside)

Artno.	Breadth of case	Thickness of clamp	Clear width of clamp	Clear width of clamp
01.918.3000.326	30	5	16	17,5
01.918.4000.326	40	6	23	22
01.918.5000.326	50	8	28	27
01.918.6000.326	60	10	32	33

# Cylinder padlock brass, same keyways

Artno.	Breadth of case	Thickness of clamp	Clear width of clamp	Clear width of clamp
01.919.3000.326	30	5	16	17,5
01.919.4000.326	40	6	23	22
01.919.5000.326	50	8	28	27
01.919.6000.326	60	10	32	33

Information	Cylinder-padlocks are also
	integratable to master-key-systems.

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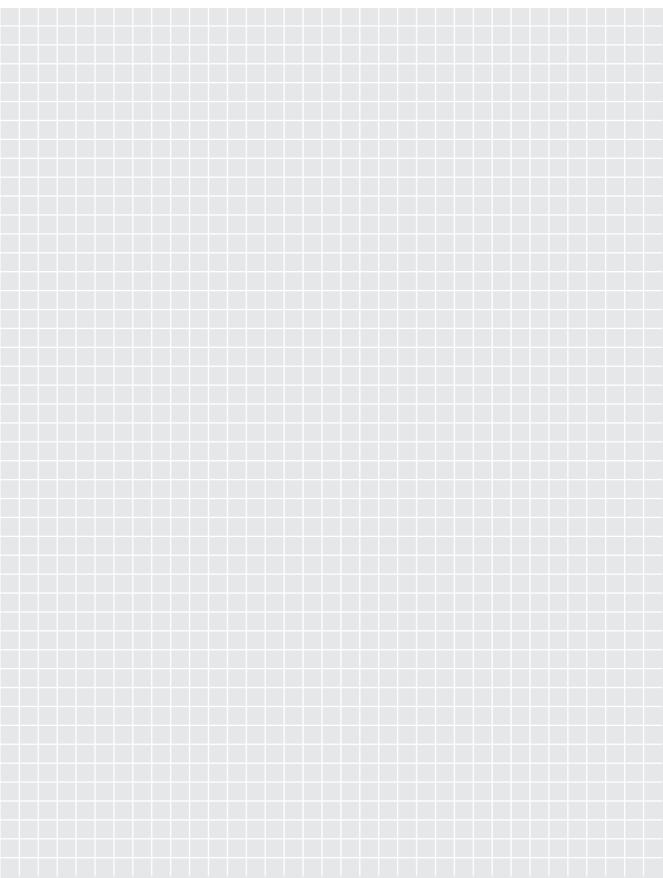
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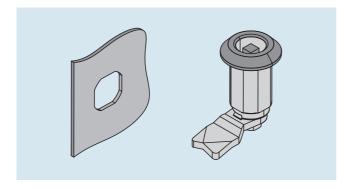
# **Notes**



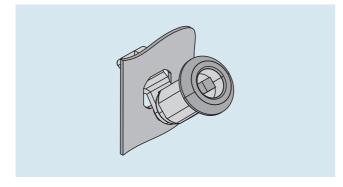
# Installation of pre-assembled hasps

The following hasps are right and left hand usable.

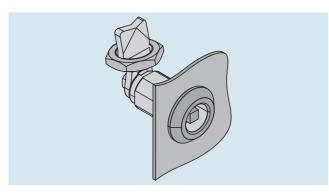
They are preferred by our customers due to easy installation.



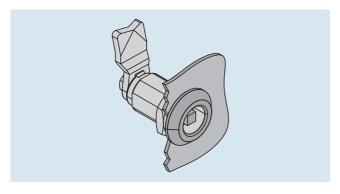
■ Pre-assembled hasp



■ Insert the hasp



■ Install the screw-nuts



■ Completely assembled sash fastener

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WSS

# Hasps





Straight  straight  straight  straight  straight  straight  straight  straight  sight  ight sight sight sight sight sight sight sight sight sight sight sight sight	Dimensions in mm with 3 mm Ø with 5 mm Ø pin for low voltage pin for high voltage
straight  right ri	
straight  right ri	ZL: ZK:
right right left left left left left left left lef	40 01.922.0000.010 01.922.0001.010
right left left left left left left left lef	45 01.922.0009.010 01.922.0010.010
Left	55 01.922.0018.010 01.922.0019.010
Left	55
Standard version: Right hand   left	40 01.923.0000.010 01.923.0001.010
Standard version: Right hand  left right left left left left left left left lef	45 01.923.0009.010 01.923.0010.010
right left left left left left left left lef	55 01.923.0018.010 01.923.0019.010
General information:  By changing the buffer, you can change the turning bolt from right to left.  Steel zinc plated =010 Stainless steel =405  Stainless steel =405  General information:  right left left left left left left left lef	55
General information:  By changing the buffer, you can change the turning bolt from right to left.  Steel zinc plated =010 Stainless steel =405  Stainless steel =405  In the right left left left left left left left lef	45 15 01.922.0036.010 01.922.0037.010
General information:  By changing the buffer, you can change the turning bolt from right to left.  Steel zinc plated =010  Stainless steel =405  Stainless steel =405  Ieft left left left left left left left l	54 15 01.922.0045.010 01.922.0046.010
General information:  By changing the buffer, you can change the turning bolt from right to left.  Steel zinc plated =010  Stainless steel =405  Stainless steel =405  right right right right left left left left left left left lef	39 20 01.922.0054.010 01.922.0055.010
General information:  By changing the buffer, you can change the turning bolt from right to left.  Steel zinc plated =010  Stainless steel =405  Stainless steel =405  Ieft left left left left left left left l	54 20,5 01.922.0063.010 01.922.0064.010
General information:  By changing the buffer, you can change the turning bolt from right to left.  Steel zinc plated =010  Stainless steel =405  Stainless steel =405  Ieft left left left left left left left l	45 20 01.922.0072.010 01.922.0073.010
General information:  By changing the buffer, you can change the turning bolt from right to left.  Steel zinc plated =010  Stainless steel =405  Stainless steel =405  Ieft left left left left left left left l	40 22 01.922.0081.010 01.922.0082.010
By changing the buffer, you can change the turning bolt from right to left.  Steel zinc plated =010 Stainless steel =405  Stainless steel =405  Cropped to the front  about 20° angled to the back  short - blunt  right left left left left left left left lef	51 25 01.922.0090.010 01.922.0091.010
turning bolt from right to left.  Steel zinc plated =010 Stainless steel =405  Ieft  Ief	39 32,5 01.922.0099.010 01.922.0100.010
Steel zinc plated =010 Stainless steel =405  left left left left left left left lef	40 42 01.922.0108.010 01.922.0109.010
Stainless steel =405  left left left left left left left lef	45 15 01.923.0036.010 01.923.0037.010
left left left left left left left short - blunt left left left left right left left left left right left left left	54 15 01.923.0045.010 01.923.0046.010
left left left left left left left short - blunt left left left right left left left right left left right left	39 20 01.923.0054.010 01.923.0055.010
about 20° angled to the back  short - blunt  left left left right left right left  right left  right left	54 20,5 01.923.0063.010 01.923.0064.010
left left left right left  about 20° angled to the back  short - blunt  both-sided	45 20 01.923.0072.010 01.923.0073.010
about 20° angled to the back  short - blunt  left  right left  right left  right left  right left  right left	40 22 01.923.0081.010 01.923.0082.010
about 20° angled to the back  short - blunt  right left  right left  right left  right left  right left	51 25 01.923.0090.010 01.923.0091.010
right left  about 20° angled to the back  short - blunt  both-sided	39 32,5 01.923.0099.010 01.923.0100.010
about 20° angled to the back  short - blunt  both-sided	40 42 01.923.0108.010 01.923.0109.010
about 20° angled to the back  short - blunt  right left  right left  right left	01.922.0117.010 01.922.0118.010
short - blunt  both-sided	01.923.0117.010 01.923.0118.010
short - blunt  right left  both-sided	01.922.0126.010 01.922.0127.010
short - blunt left both-sided	01.923.0126.010 01.923.0127.010
short - blunt left both-sided	
both-sided right	01.922.0135.010 01.922.0136.010
Dotti-sided ———————————————————————————————————	01.923.0135.010 01.923.0136.010
Dotti-sided — — — — — — — — — — — — — — — — — —	01.922.0144.010 01.922.0145.010
left	01.923.0144.010 01.923.0145.010
with diagonal face	
Special hook guide	
Special flook guide left	01.922.0153.010 01.922.0154.010



# General information

# Technical product information









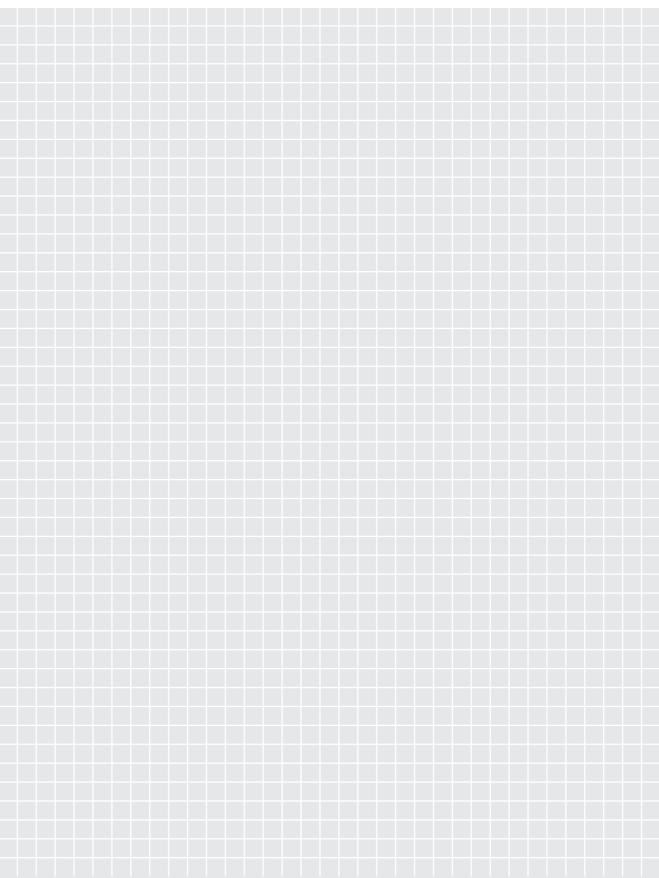






I				l	T	T
with 5 mm Ø pin and springy cover	with 7 mm square arbor, 4 mm protruding	with 7 mm square arbor, 10 mm protruding	with 8 mm square arbor, 4 mm protruding	with 8 mm square arbor, 10 mm protruding	with 8 mm triangle arbor, 4 mm protruding	with special device DB
01.922.0002.010	01.922.0003.010	01.922.0004.010	01.922.0005.010	01.922.0006.010	01.922.0007.010	01.922.0008.010
01.922.0011.010	01.922.0012.010	01.922.0013.010	01.922.0014.010	01.922.0015.010	01.922.0016.010	01.922.0017.010
01.922.0020.010	01.922.0021.010	01.922.0022.010	01.922.0023.010	01.922.0024.010	01.922.0025.010	01.922.0026.010
			01.922.0032.405			
01.923.0002.010	01.923.0003.010	01.923.0004.010	01.923.0005.010	01.923.0006.010	01.923.0007.010	01.923.0008.010
01.923.0011.010	01.923.0012.010	01.923.0013.010	01.923.0014.010	01.923.0015.010	01.923.0016.010	01.923.0017.010
01.923.0020.010	01.923.0021.010	01.923.0022.010	01.923.0023.010	01.923.0024.010	01.923.0025.010	01.923.0026.010
			01.923.0032.405			
01.922.0038.010	01.922.0039.010	01.922.0040.010	01.922.0041.010	01.922.0042.010	01.922.0043.010	01.922.0044.010
01.922.0047.010	01.922.0048.010	01.922.0049.010	01.922.0050.010	01.922.0051.010	01.922.0052.010	01.922.0053.010
01.922.0056.010	01.922.0057.010	01.922.0058.010	01.922.0059.010	01.922.0060.010	01.922.0061.010	01.922.0062.010
01.922.0065.010	01.922.0066.010	01.922.0067.010	01.922.0068.010	01.922.0069.010	01.922.0070.010	01.922.0071.010
01.922.0074.010	01.922.0075.010	01.922.0076.010	01.922.0077.010	01.922.0078.010	01.922.0079.010	01.922.0080.010
01.922.0083.010	01.922.0084.010	01.922.0085.010	01.922.0086.010	01.922.0087.010	01.922.0088.010	01.922.0089.010
01.922.0092.010	01.922.0093.010	01.922.0094.010	01.922.0095.010	01.922.0096.010	01.922.0097.010	01.922.0098.010
01.922.0101.010	01.922.0102.010	01.922.0103.010	01.922.0104.010	01.922.0105.010	01.922.0106.010	01.922.0107.010
01.922.0110.010	01.922.0111.010	01.922.0112.010	01.922.0113.010	01.922.0114.010	01.922.0115.010	01.922.0116.010
01.923.0038.010	01.923.0039.010	01.923.0040.010	01.923.0041.010	01.923.0042.010	01.923.0043.010	01.923.0044.010
01.923.0047.010	01.923.0048.010	01.923.0049.010	01.923.0050.010	01.923.0051.010	01.923.0052.010	01.923.0053.010
01.923.0056.010	01.923.0057.010	01.923.0058.010	01.923.0059.010	01.923.0060.010	01.923.0061.010	01.923.0062.010
01.923.0065.010	01.923.0066.010	01.923.0067.010	01.923.0068.010	01.923.0069.010	01.923.0070.010	01.923.0071.010
01.923.0074.010	01.923.0075.010	01.923.0076.010	01.923.0077.010	01.923.0078.010	01.923.0079.010	01.923.0080.010
01.923.0083.010	01.923.0084.010	01.923.0085.010	01.923.0086.010	01.923.0087.010	01.923.0088.010	01.923.0089.010
01.923.0092.010	01.923.0093.010	01.923.0094.010	01.923.0095.010	01.923.0096.010	01.923.0097.010	01.923.0098.010
01.923.0101.010	01.923.0102.010	01.923.0103.010	01.923.0104.010	01.923.0105.010	01.923.0106.010	01.923.0107.010
01.923.0110.010	01.923.0111.010	01.923.0112.010	01.923.0113.010	01.923.0114.010	01.923.0115.010	01.923.0116.010
01.922.0119.010	01.922.0120.010	01.922.0121.010	01.922.0122.010	01.922.0123.010	01.922.0124.010	01.922.0125.010
01.923.0119.010	01.923.0120.010	01.923.0121.010	01.923.0122.010	01.923.0123.010	01.923.0124.010	01.923.0125.010
01.922.0128.010	01.922.0129.010	01.922.0130.010	01.922.0131.010	01.922.0132.010	01.922.0133.010	01.922.0134.010
01.923.0128.010	01.923.0129.010	01.923.0130.010	01.923.0131.010	01.923.0132.010	01.923.0133.010	01.923.0134.010
0.132310.120.0.10	0.1323.0.123.0.10	01323013000	013230101010	0.1323.0.132.0.10	01323013301	0.1923.0.13.1.0.10
01.922.0137.010	01.922.0138.010	01.922.0139.010	01.922.0140.010	01.922.0141.010	01.922.0142.010	01.922.0143.010
01.923.0137.010	01.923.0138.010	01.923.0139.010	01.923.0140.010	01.923.0141.010	01.923.0142.010	01.923.0143.010
01.922.0146.010	01.922.0147.010	01.922.0148.010	01.922.0149.010	01.922.0150.010	01.922.0151.010	01.922.0152.010
01.923.0146.010	01.923.0147.010	01.923.0148.010	01.923.0149.010	01.923.0150.010	01.923.0151.010	01.923.0152.010
01.922.0155.010	01.922.0156.010	01.922.0157.010	01.922.0158.010	01.922.0159.010	01.922.0160.010	01.922.0161.010
01.923.0155.010	01.923.0156.010	01.923.0157.010	01.923.0158.010	01.923.0159.010	01.923.0160.010	01.923.0161.010

# **Notes**



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# The patent solution.

The WSS-series 100 - 110.

- comfortable handling
- patented reset-device mechanism with spring inside the handle's gorge for exact return of the handle
- corrosion-resistant shield
- proven with 300.000 alternations of load (class 7)
- ▶ Products, see page 203 and following

Corresponding window-handles with the same designs are also available. Please follow the instructions of the product description.

# Quick installation anywhere.

The WSS-series 120 – 128.

- simple installation also later on by snapping on the rose
- extremely strong steel-bottom for high loading
- maintenance-free steel-bearing for unloading the follower
- springy supported compensation ring for compensation of axial clearance
- reduced warehousing due to identic handles for full material doors and profile doors
- quick installation to the square spindle by clutch spring on the handle's gorge
- steel-cams for exact compliance of the installation position and non-slip fit of the handle-set
- with additional keep-up mechanism
- ▶ Products, see page 210 and following

The very strong steel-bottom and the exact installation by steel-cams maintain the highest pressures.



# Frequently asked questions (FAQ)

#### ■ What is the need of a divided square spindle?

A divided square spindle connects the square hole handles for locks with a divided follower.

It consists of square spindles with a standardized profile of 9 mm. These square spindles are connected (e.g. by a 5 mm screw) and twistable against each other.

■ Which types of handles are especially suggested for tubular frame doors?

For tubular frame doors we mainly suggest cropped handles and knobs. As a result of their design, they prevent injuries to the hands due to the door frame.



■ What must be kept in mind for handle installation on passive leafs?

For a follower's angle of rotation about 45°, there should not be used handles with a reset mechanism. If possible, the handles should not be installed horizontally to the passive leaf, but vertically, in order to alleviate the difference between the activeand the passive leaf to the user.

■ What specifications are valid for fire-resistant (FS) handle sets?

FS-sets must fulfill certain standards (e.g. a casted 9 mm steel-core) and this must be verified in tests and long term function inspections.

■ Which requirements must handles for emergency exit fittings according to DIN EN 179 fulfill?



According to DIN EN 179 only handles without protruding rough edges which can cause injuries should be used. The end of the handle must face the surface of the door.

■ What does fixed pivot mounted in connection with door handles mean?

Fixed pivot mounted handles or knobs are movably installed to the shield or the rose by a circlip.

#### ■ What is a thread-cam? What is it for?

The thread-cams are located at the inner side of the outer shield. They are furnished with an inner thread and serve for the adaption of the installation screws, which are screwed-in through the inner shield and the door leaf.

■ Which effect has a core-protector against pulling?

A core-protector against pulling is a cover of the cylinder inside the collar or the shield. That cover protects the cylinder against violent pulling or breaking the cylinder.



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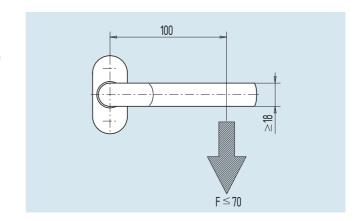
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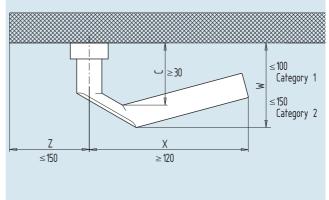
#### **General information**

# Requirements to fittings according to EN 179

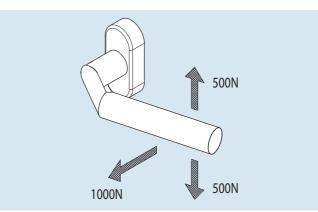
An emergency exit fitting has to enable the opening of the door from the inside by one hand move within one second. The pressure while using must not rise about 70 Newton.



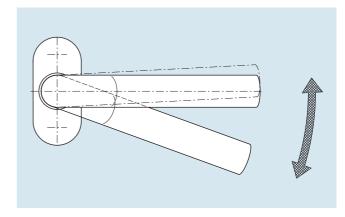
■ The shape of the handle must be chosen, that there are no rough edges which induce injuries. The edge radius must be minimum 0,5 mm. The free end of the handle must face the surface of the door, to avoid the risk of injuries.



■ To test the resistance against misuse, the fitting must resist a vertical load of 1000 Newton and a horizontal load of 500 Newton from each side.

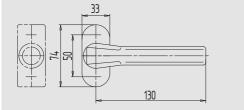


The long-term functional efficiency is proven with 200.000 testing cycles.

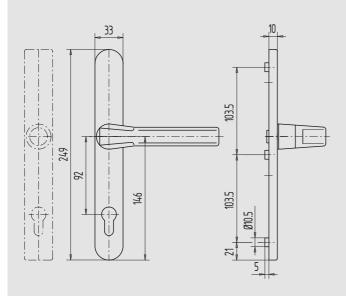


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# Door handle model 100

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

## with oval/rectangular rose

Artno.	Rose
02.100.1100	oval
02.100.1200	rectangular

## with oval/rectangular long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Long plate	Option
02.100.1301	oval	inside
02.100.1302	oval	outside (with cams)
02.100.1401	rectangular	inside
02.100.1402	rectangular	outside (with cams)

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

#### Accessories:

Door knobs see page 218
PC-roses see page 227
Square spindles see page 270
Protection fittings see page 253

page ? ? 201

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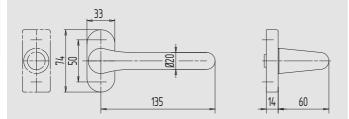
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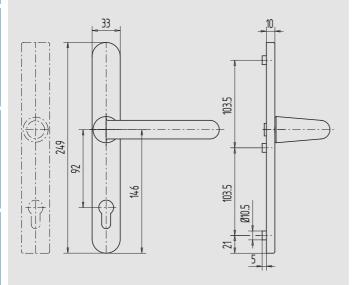
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# Door handle model 102

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

## with oval/rectangular rose

Artno.	Rose
02.102.1100	oval
02.102.1200	rectangular

# with oval/rectangular long plate

■ Distance between screwing holes 103,5/103,5 mm

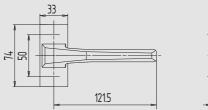
Artno.	Long plate	Option
02.102.1301	oval	inside
02.102.1302	oval	outside (with cams)
02.102.1401	rectangular	inside
02.102.1402	rectangular	outside (with cams)

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

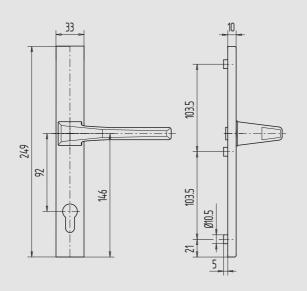
#### Accessories:

Door knobs see page 218 PC-roses see page 227 Square spindles see page 270 Protection fittings see page 253









# Door handle model 104

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

## with rectangular rose

Artno.	Rose
02.104.1200	rectangular

# with rectangular long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Long plate	Option
02.104.1401	rectangular	inside
02.104.1402	rectangular	outside (with cams)

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface

#### Accessories:

Door knobs see page 218
PC-roses see page 227
Square spindles see page 270
Protection fittings see page 253

page 516

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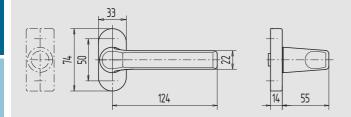
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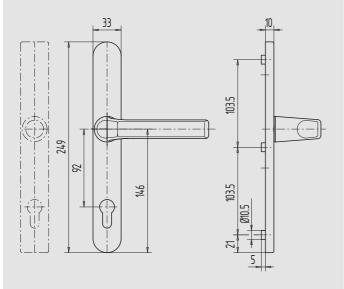
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## Door handle model 106

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

## with oval/rectangular rose

Artno.	Rose
02.106.1100	oval
02.106.1200	rectangular

# with oval/rectangular long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Long plate	Option
02.106.1301	oval	inside
02.106.1302	oval	outside (with cams)
02.106.1401	rectangular	inside
02.106.1402	rectangular	outside (with cams)

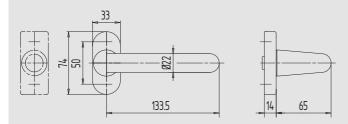
Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

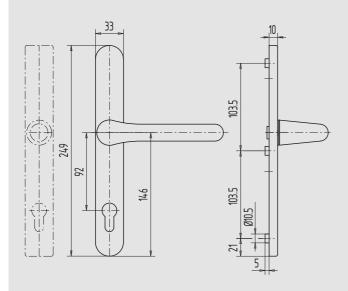
#### Accessories:

Door knobs see page 218 PC-roses see page 227 Square spindles see page 270 Protection fittings see page 253









# Door handle model 108

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

## with oval/rectangular rose

Artno.	Rose
02.108.1100	oval
02.108.1200	rectangular

# with oval/rectangular long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Long plate	Option
02.108.1301	oval	inside
02.108.1302	oval	outside (with cams)
02.108.1401	rectangular	inside
02.108.1402	rectangular	outside (with cams)

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

#### Accessories:

Door knobs see page 218 PC-roses see page 227 Square spindles see page 270 Protection fittings see page 253

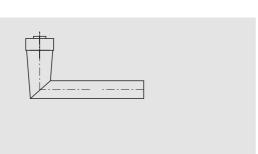
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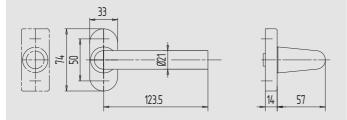
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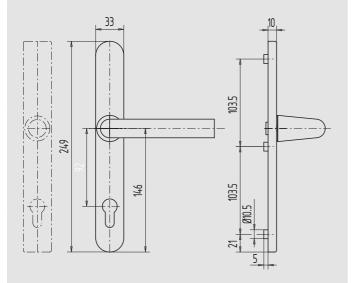
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## Door handle model 110

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

## with oval/rectangular rose

Artno.	Rose
02.110.1100	oval
02.110.1200	rectangular

# with oval/rectangular long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Long plate	Option
02.110.1301	oval	inside
02.110.1302	oval	outside (with cams)
02.110.1401	rectangular	inside
02.110.1402	rectangular	outside (with cams)

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

#### Accessories:

Door knobs see page 218 PC-roses see page 227 Square spindles see page 270 Protection fittings see page 253





# Door handle model 112

- 8 mm square
- beveled shape
- on rectangular rose
- with visible screwing holes
- fixed pivot mounted

Artno.	Material/Surface
02.112.1200.112	Aluminium, E4/C-0 anodized
02.112.1200.152	Aluminium, E4/C-34 anodized
02.112.1200.255	Aluminium, RAL 9016 powder-coated

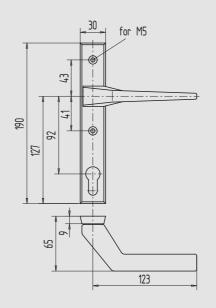
# Door handle model 114

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

### with oval/rectangular rose

Artno.	Rose
02.114.1100	oval
02.114.1200	rectangular
Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

# for M5



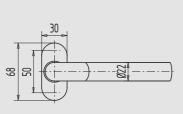
# Door handle model 116

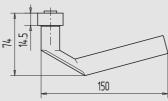
- 8 mm square
- beveled shape
- fixed pivot mounted on lean long plate
- with visible screwing holes
- distance 92 mm
- prepared for profile cylinder

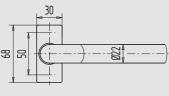
Artno.	Material/Surface
02.116.1400.112	Aluminium, E4/C-0 anodized

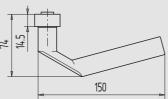


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# Door handle model 120

- with 8 or 9 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

#### with oval rose

Artno.	Square	Material/Surface
02.120.1100.112	8	Aluminium, E4/C-0 anodized
02.120.1100.426	8	Stainless Steel V2A, matt brushed

#### with oval rose EN 179



Artno.	Square	Material/Surface
02.120.2100.112	9	Aluminium, E4/C-0 anodized
02.120.2100.426	9	Stainless Steel V2A, matt brushed

# with rectangular rose

Artno.	Square	Material/Surface
02.120.1200.112	8	Aluminium, E4/C-0 anodized
02.120.1200.426	8	Stainless Steel V2A, matt brushed

# with rectangular rose EN 179

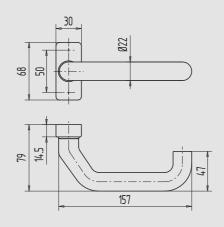


Artno.	Square	Material/Surface
02.120.2200.112	9	Aluminium, E4/C-0 anodized
02.120.2200.426	9	Stainless Steel V2A, matt brushed

#### Accessories:

Door knobs see page 222 PC-roses see page 231 Square spindles see page 270





# Door handle model 122

- with 8 or 9 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

#### with oval rose

Artno.	Square	Material/Surface
02.122.1100.112	8	Aluminium, E4/C-0 anodized
02.122.1100.152	8	Aluminium, E4/C-34 anodized
02.122.1100.255	8	Aluminium, RAL 9016 powder-coated
02.122.1100.426	8	Stainless Steel V2A, matt brushed

## with oval rose EN 179

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Artno.	Square	Material/Surface
02.122.2100.112	9	Aluminium, E4/C-0 anodized
02.122.2100.152	9	Aluminium, E4/C-34 anodized
02.122.2100.255	9	Aluminium, RAL 9016 powder-coated
02.122.2100.426	9	Stainless Steel V2A, matt brushed

# with rectangular rose

Artno.	Square	Material/Surface
02.122.1200.112	8	Aluminium, E4/C-0 anodized
02.122.1200.152	8	Aluminium, E4/C-34 anodized
02.122.1200.255	8	Aluminium, RAL 9016 powder-coated
02.122.1200.426	8	Stainless Steel V2A, matt brushed

# with rectangular rose EN 179



Artno.	Square	Material/Surface
02.122.2200.112	9	Aluminium, E4/C-0 anodized
02.122.2200.152	9	Aluminium, E4/C-34 anodized
02.122.2200.255	9	Aluminium, RAL 9016 powder-coated
02.122.2200.426	9	Stainless Steel V2A, matt brushed

#### Accessories:

Door knobs see page 222
PC-roses see page 231
Square spindles see page 270



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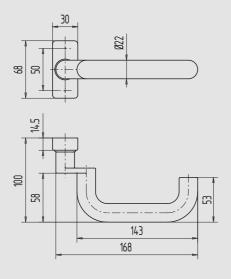
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# Door handle model 124

- with extension
- with 8 or 9 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

#### with oval rose

Artno.	Square	Material/Surface
02.124.1100.112	8	Aluminium, E4/C-0 anodized
02.124.1100.152	8	Aluminium, E4/C-34 anodized
02.124.1100.255	8	Aluminium, RAL 9016 powder-coated
02.124.1100.426	8	Stainless Steel V2A, matt brushed

#### with oval rose EN 179



Artno.	Square	Material/Surface
02.124.2100.112	9	Aluminium, E4/C-0 anodized
02.124.2100.152	9	Aluminium, E4/C-34 anodized
02.124.2100.255	9	Aluminium, RAL 9016 powder-coated
02.124.2100.426	9	Stainless Steel V2A, matt brushed

# with rectangular rose

Artno.	Square	Material/Surface
02.124.1200.112	8	Aluminium, E4/C-0 anodized
02.124.1200.152	8	Aluminium, E4/C-34 anodized
02.124.1200.255	8	Aluminium, RAL 9016 powder-coated
02.124.1200.426	8	Stainless Steel V2A, matt brushed

# with rectangular rose EN 179



Artno.	Square	Material/Surface
02.124.2200.112	9	Aluminium, E4/C-0 anodized
02.124.2200.152	9	Aluminium, E4/C-34 anodized
02.124.2200.255	9	Aluminium, RAL 9016 powder-coated
02.124.2200.426	9	Stainless Steel V2A, matt brushed

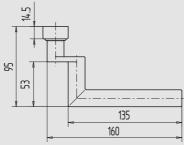
#### Accessories:

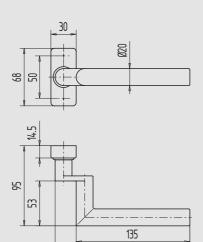
Door knobs see page 222 PC-roses see page 231 Square spindles see page 270





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# Door handle model 126

- with extension
- with 8 or 9 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

#### with oval rose

Artno.	Square	Material/Surface
02.126.1100.112	8	Aluminium, E4/C-0 anodized
02.126.1100.152	8	Aluminium, E4/C-34 anodized
02.126.1100.255	8	Aluminium, RAL 9016 powder-coated
02.126.1100.426	8	Stainless Steel V2A, matt brushed

#### with oval rose

Artno.	Square	Material/Surface
02.126.2100.112	9	Aluminium, E4/C-0 anodized
02.126.2100.152	9	Aluminium, E4/C-34 anodized
02.126.2100.255	9	Aluminium, RAL 9016 powder-coated
02.126.2100.426	9	Stainless Steel V2A, matt brushed

# with rectangular rose

Artno.	Square	Material/Surface
02.126.1200.112	8	Aluminium, E4/C-0 anodized
02.126.1200.152	8	Aluminium, E4/C-34 anodized
02.126.1200.255	8	Aluminium, RAL 9016 powder-coated
02.126.1200.426	8	Stainless Steel V2A, matt brushed

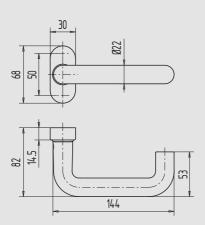
# with rectangular rose

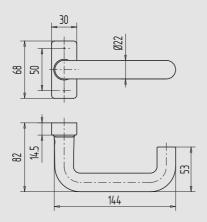
Artno.	Square	Material/Surface
02.126.2200.112	9	Aluminium, E4/C-0 anodized
02.126.2200.152	9	Aluminium, E4/C-34 anodized
02.126.2200.255	9	Aluminium, RAL 9016 powder-coated
02.126.2200.426	9	Stainless Steel V2A, matt brushed

#### Accessories:

Door knobs see pa	age 222	
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PC-roses see page	231	
Square spindles se	ee page 270	

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# Door handle model 128

- with 8 or 9 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted

#### with oval rose

Artno.	Square	Material/Surface
02.128.1100.112	8	Aluminium, E4/C-0 anodized
02.128.1100.152	8	Aluminium, E4/C-34 anodized
02.128.1100.255	8	Aluminium, RAL 9016 powder-coated
02.128.1100.426	8	Stainless Steel V2A, matt brushed

## with oval rose EN 179



Artno.	Square	Material/Surface
02.128.2100.112	9	Aluminium, E4/C-0 anodized
02.128.2100.152	9	Aluminium, E4/C-34 anodized
02.128.2100.255	9	Aluminium, RAL 9016 powder-coated
02.128.2100.426	9	Stainless Steel V2A, matt brushed

# with rectangular rose

Artno.	Square	Material/Surface
02.128.1200.112	8	Aluminium, E4/C-0 anodized
02.128.1200.152	8	Aluminium, E4/C-34 anodized
02.128.1200.255	8	Aluminium, RAL 9016 powder-coated
02.128.1200.426	8	Stainless Steel V2A, matt brushed

# with rectangular rose EN 179



Artno.	Square	Material/Surface
02.128.2200.112	9	Aluminium, E4/C-0 anodized
02.128.2200.152	9	Aluminium, E4/C-34 anodized
02.128.2200.255	9	Aluminium, RAL 9016 powder-coated
02.128.2200.426	9	Stainless Steel V2A, matt brushed

#### Accessories:

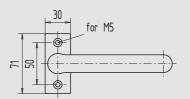
Door knobs see page 222 PC-roses see page 231 Square spindles see page 270

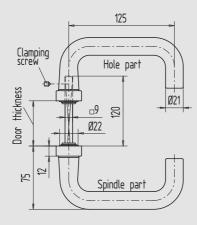


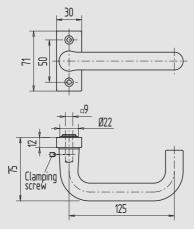




MPA NRW







## Door handle set model 140 FS

- round handle form
- with steel-core
- certified by MPA NRW no. 120177097-02
- fixed pivot mounted on rectangular rose
- with visible screwing holes
- handle with fixed square spindle
- hole-part with clamping screw
- 9 mm square spindle, cuttable

Artno.	Material/Surface
02.140.2200.112	Aluminium, E4/C-0 anodized
02.140.2200.152	Aluminium, E4/C-34 anodized
02.140.2200.255	Aluminium, RAL 9016 powder-coated

# Door handle model 140 FS



- hole-part
- with visible screwing holes
- pivot mounted on rectangular rose
- 9 mm square hole

Artno.	Material/Surface
02.140.3240.112	Aluminium, E4/C-0 anodized
02.140.3240.152	Aluminium, E4/C-34 anodized
02.140.3240.255	Aluminium, RAL 9016 powder-coated

#### Accessories:

Square spindles see page 270





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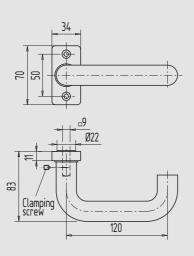
# Door handle set model 142 FS



- round shape
- certified by MPA NRW no. 120177097-02
- fixed pivot mounted on rectangular rose
- with visible screwing holes
- handle with fixed square spindle
- hole-part with clamping screw
- 9 mm square spindle, cuttable

Artno.	Material/Surface
02.142.2200.030	Steel, silver powder-coated
02.142.2200.065	Steel, deep-black powder-coated

# Clamping Hole part Spindle part Spindle part



# Door handle model 142 FS



- hole-part
- with visible screwing holes
- pivot mounted on rectangular steel rose
- 9 mm square hole

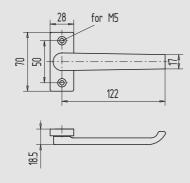
Artno.	Material/Surface
02.142.3240.030	Steel, silver powder-coated
02.142.3240.065	Steel, deep-black powder-coated
Accordance	

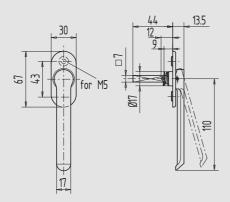
#### Accessories:

Square spindles see page 270



## 27 for M5





#### Coupé-/accordion door handle

- 8 mm square
- fixed pivot-mounted

#### Height 25 mm

Artno.	Material/Surface
02.242.1225.112	Aluminium, E4/C-0 anodized
02.242.1225.152	Aluminium, E4/C-34 anodized
02.242.1225.255	Aluminium, RAL 9016 powder-coated

#### Height 18,5 mm

Artno.	Material/Surface
02.244.1218.112	Aluminium, E4/C-0 anodized
02.244.1218.152	Aluminium, E4/C-34 anodized
02.244.1218.255	Aluminium, RAL 9016 powder- coated

## Accordion door handle model 246

- on oval rose
- with 7 mm square spindle
- swivelling

Artno.	Material/Surface
02.246.1213.112	Aluminium, E4/C-0 anodized
02.246.1213.152	Aluminium, E4/C-34 anodized
02.246.1213.255	Aluminium, RAL 9016 powder-coated
02.246.1213.299	Aluminium, special surface



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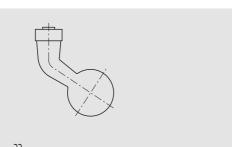
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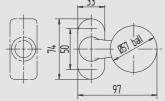
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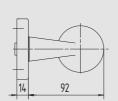
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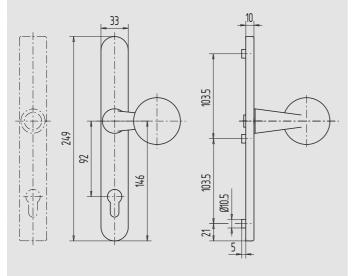
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#### Door knob model 250

- round shape, cropped
- 8 mm square
- with concealed screwing holes

#### with oval/rectangular rose

Artno.	Rose	Option
02.250.0100	oval	fixed riveted
02.250.0101	oval	fixed pivot-mounted
02.250.0200	rectangular	fixed riveted
02.250.0201	rectangular	fixed pivot-mounted

#### with oval/rectangular long plate

- distance between screwing holes 103,5/103,5 mm
- outside (with tappets)

Artno.	Long plate	Option
02.250.0302	oval	fixed riveted
02.250.0303	oval	fixed pivot-mounted
02.250.0402	rectangular	fixed riveted
02.250.0403	rectangular	fixed pivot-mounted

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

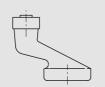
#### Accessories:

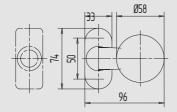
Door handles see page 203 PC-roses see page 227 Square spindles see page 270 Protection fittings see page 253



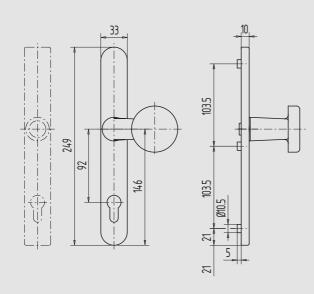












#### Door knob model 252

- round shape, cropped
- 8 mm square
- with concealed screwing holes

#### with oval/rectangular rose

Artno.	Rose	Option
02.252.0100	oval	fixed riveted
02.252.0101	oval	fixed pivot-mounted
02.252.0200	rectangular	fixed riveted
02.252.0201	rectangular	fixed pivot-mounted

#### with oval/rectangular long plate

- distance between screwing holes 103,5/103,5 mm
- outside (with tappets)

Artno.	Long plate	Option
02.252.0302	oval	fixed riveted
02.252.0303	oval	fixed pivot-mounted
02.252.0402	rectangular	fixed riveted
02.252.0403	rectangular	fixed pivot-mounted

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

#### Accessories:

Door handles see page 203 PC-roses see page 227 Square spindles see page 270 Protection fittings see page 253

page 201 6

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103.5

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#### Door knob model 254

- square shape, cropped
- 8 mm square
- with concealed screwing holes

#### with oval/rectangular rose

Artno.	Rose	Option
02.254.0100	oval	fixed riveted
02.254.0101	oval	fixed pivot-mounted
02.254.0200	rectangular	fixed riveted
02.254.0201	rectangular	fixed pivot-mounted

#### with oval/rectangular long plate

- distance between screwing holes 103,5/103,5 mm
- outside (with tappets)

Artno.	Long plate	Option
02.254.0302	oval	fixed riveted
02.254.0303	oval	fixed pivot-mounted
02.254.0402	rectangular	fixed riveted
02.254.0403	rectangular	fixed pivot-mounted

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

#### Accessories:

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## 103.5 92 103.5 75.5 76.5

#### Door handle model 255

with concealed screwing holes

#### with oval/rectangular long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Long plate	Material/Surface
02.255.0302.255	oval	Aluminium, RAL 9016 powder- coated
02.255.0302.299	oval	Aluminium, special surface
02.255.0302.426	oval	Stainless Steel V2A, matt brushed
02.255.0302.429	oval	Stainless Steel V2A, PVD/titan coated
02.255.0402.255	rectangular	Aluminium, RAL 9016 powder- coated
02.255.0402.299	rectangular	Aluminium, special surface
02.255.0402.426	rectangular	Stainless Steel V2A, matt brushed
02.255.0402.429	rectangular	Stainless Steel V2A, PVD/titan coated

#### Door handle model 256

with concealed screwing holes

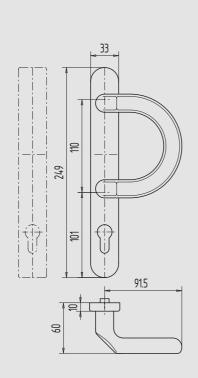
#### with oval/rectangular long plate

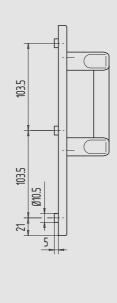
■ distance between screwing holes 103,5/103,5 mm

Artno.	Long plate	Material/Surface
02.256.0302.112	oval	Aluminium, E4/C-0 anodized
02.256.0302.152	oval	Aluminium, E4/C-34 anodized
02.256.0302.255	oval	Aluminium, RAL 9016 powder- coated
02.256.0302.299	oval	Aluminium, special surface
02.256.0302.426	oval	Stainless Steel V2A, matt brushed
02.256.0302.429	oval	Stainless Steel V2A, PVD/titan coated
02.256.0402.112	rectangular	Aluminium, E4/C-0 anodized
02.256.0402.152	rectangular	Aluminium, E4/C-34 anodized
02.256.0402.255	rectangular	Aluminium, RAL 9016 powder- coated
02.256.0402.299	rectangular	Aluminium, special surface
02.256.0402.426	rectangular	Stainless Steel V2A, matt brushed
02.256.0402.429	rectangular	Stainless Steel V2A, PVD/titan coated
Attention:		



Protection fittings see page 253





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91

for M5

for M5

020

#### Door knob model 257

- cropped round shape
- with concealed screwing holes

#### with oval rose

Artno.	Option	Square-hole
02.257.0100	fixed riveted	
02.257.1100	fixed pivot-mounted	8

#### with oval rose/FS

Artno.	Option	Square-hole
02.257.0101	fixed riveted	
02.257.2101	fixed pivot-mounted	9

#### with rectangular rose

Artno.	Option	Square-hole
02.257.0200	fixed riveted	
02.257.1200	fixed pivot-mounted	8

#### with rectangular rose/FS

Option

02.257.0201	fixed riveted	
02.257.2200	fixed pivot-mounted 9	
Surface codes	Material/Surface	
112	Aluminium, E4/C-	·0 anodized
152	Aluminium, E4/C-	-34 anodized
255	Aluminium, RAL 9	016 powder-coated
426	Stainless Steel V2	A, matt brushed
Information	Fixed door knobs have to b with inside thread M8.	e equipped

#### Accessories:

Art.-no.

Door handles see page 210	
PC-roses see page 231	
Square spindles see page 270	

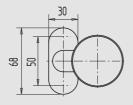


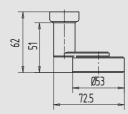


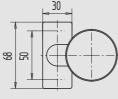
Square-hole

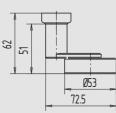


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#### Door knob model 258

- cropped flat shape
- with concealed screwing holes

#### with oval rose

Artno.	Option	Square -hole	Material/Surface
02.258.0100.426	fixed riveted		Stainless Steel V2A, matt brushed
02.258.1100.426	fixed pivot- mounted	8	Stainless Steel V2A, matt brushed

#### with oval rose/FS

Artno.	Option	Square -hole	Material/Surface
02.258.0101.426	fixed riveted		Stainless Steel V2A, matt brushed
02.258.2100.426	fixed pivot- mounted	9	Stainless Steel V2A, matt brushed

#### with rectangular rose

Artno.	Option	Square -hole	Material/Surface
02.258.0200.426	fixed riveted		Stainless Steel V2A, matt brushed
02.258.1200.426	fixed pivot- mounted	8	Stainless Steel V2A, matt brushed

#### with rectangular rose/FS

Artno.	Option	Square -hole	Material/Surface
02.258.0201.426	fixed riveted		Stainless Steel V2A, matt brushed
02.258.2200.426	fixed pivot- mounted	9	Stainless Steel V2A, matt brushed
Information	Fixed door k with inside t		ave to be equipped 18.

#### Accessories:

7.000330.1031
Door handles see page 210
PC-roses see page 231
Square spindles see page 270



83

8 2

83

Ball Ø50

Ball Ø50

for M5

 $for\ M5$ 

#### Door knob model 260

- straight round shape
- with concealed screwing holes

#### with oval rose

Artno.	Option	Square-hole
02.260.0100	fixed riveted	
02.260.1100	fixed pivot-mounted	8

#### with oval rose/FS

Artno.	Option	Square-hole
02.260.0101	fixed riveted	
02.260.2100	fixed pivot-mounted	9

#### with rectangular rose

Artno.	Option	Square-hole
02.260.0200	fixed riveted	
02.260.1200	fixed pivot-mounted	8

#### with rectangular rose/FS

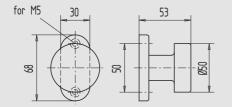
Artno.	Option	Square-hole
02.260.0201	fixed riveted	
02.260.2200	fixed pivot-mounted	9
Surface codes	Material/Surfac	ce
112	Aluminium, E4/	'C-0 anodized
152	Aluminium, E4/	'C-34 anodized
255	Aluminium, RA	L 9016 powder-coated
426	Stainless Steel \	/2A, matt brushed
Information	Fixed door knobs have to with inside thread M8.	be equipped

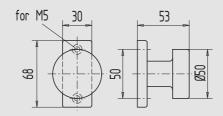
#### Accessories:

Door handles see page 210
PC-roses see page 231
Square spindles see page 270









#### Door knob model 262

- straight flat shape
- with concealed screwing holes

#### with oval rose

Artno.	Option	Square-hole
02.262.0100	fixed riveted	
02.262.1100	fixed pivot-mounted	8

#### with oval rose/FS

Artno.	Option	Square-hole
02.262.0101	fixed riveted	
02.262.2100	fixed pivot-mounted	9

#### with rectangular rose

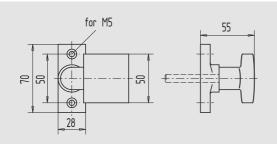
Artno.	Option	Square-hole
02.262.0200	fixed riveted	
02.262.1200	fixed pivot-mounted	8

#### with rectangular rose/FS

Artno.	Option	Square-hole
02.262.0201	fixed riveted	
02.262.2200	fixed pivot-mounted	9
Surface codes	Material/Surfac	ce
112	Aluminium, E4/	'C-0 anodized
152	Aluminium, E4/	'C-34 anodized
255	Aluminium, RA	L 9016 powder-coated
426	Stainless Steel \	/2A, matt brushed
Information	Fixed door knobs have to with inside thread M8.	be equipped
Accessories:		

Door handles see page 210	
PC-roses see page 231	
Square spindles see page 270	

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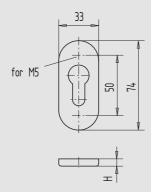


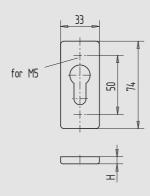
#### Door knob model 264

- square shape, sided croppedwith rectangular rose

Artno.	Option	Square -hole	Material/Surface
02.264.0200.112	fixed riveted		Aluminium, E4/C-0 anodized
02.264.0200.152	fixed riveted		Aluminium, E4/C-34 anodized
02.264.0200.255	fixed riveted		Aluminium, RAL 9016 powder- coated
02.264.1200.112	fixed pivot- mounted	8	Aluminium, E4/C-0 anodized
02.264.1200.152	fixed pivot- mounted	8	Aluminium, E4/C-34 anodized
02.264.1200.255	fixed pivot- mounted	8	Aluminium, RAL 9016 powder- coated
02.264.2200.112	fixed pivot- mounted	9	Aluminium, E4/C-0 anodized
02.264.2200.152	fixed pivot- mounted	9	Aluminium, E4/C-34 anodized
02.264.2200.255	fixed pivot- mounted	9	Aluminium, RAL 9016 powder- coated







#### Rose

- with concealed screwing holes
- with cover

#### oval

Artno.	Н	Option	
02.310.0161	6	PC	
02.310.0162	6	blind	
02.310.0163	6	KABA/KESO	
02.310.0171	7	PC	
02.310.0172	7	blind	
02.310.0173	7	KABA/KESO	
02.310.0191	9	PC	
02.310.0192	9	blind	
02.310.0193	9	KABA/KESO	

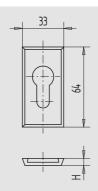
#### rectangular

Artno.	Н	Option	
02.312.0261	6	PC	
02.312.0262	6	blind	
02.312.0263	6	KABA/KESO	
02.312.0271	7	PC	
02.312.0272	7	blind	
02.312.0273	7	KABA/KESO	
02.312.0291	9	PC	
02.312.0292	9	blind	
02.312.0293	9	KABA/KESO	

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated



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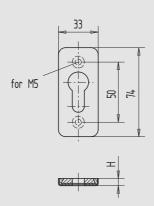
## Aluminium security rose, rectangular

#### with sliding mechanism

Artno.	Н	Option
02.314.0251	5,5	PC
02.314.0252	5,5	blind
02.314.0253	5,5	KABA/KESO
02.314.0291	9,0	PC
02.314.0292	9,0	blind
02.314.0293	9,0	KABA/KESO
02.314.0241	14,0	PC
02.314.0242	14,0	blind
02.314.0243	14,0	KABA/KESO

Surface codes	Material/Surface
114	Aluminium, E6/C-0 anodized
154	Aluminium, E6/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface





#### **Security-rose**

with concealed screwing holes

#### oval

Artno.	Н	Option	
02.318.0161	6	PC	
02.318.0162	6	blind	
02.318.0163	6	KABA/KESO	
02.318.0171	7	PC	
02.318.0172	7	blind	
02.318.0173	7	KABA/KESO	
02.318.0191	9	PC	
02.318.0192	9	blind	
02.318.0193	9	KABA/KESO	
02.318.0141	14	PC	
02.318.0142	14	blind	
02.318.0143	14	KABA/KESO	

#### rectangular

Artno.	н	Option	
02.320.0261	6	PC	
02.320.0262	6	blind	
02.320.0263	6	KABA/KESO	
02.320.0271	7	PC	
02.320.0272	7	blind	
02.320.0273	7	KABA/KESO	
02.320.0291	9	PC	
02.320.0292	9	blind	
02.320.0293	9	KABA/KESO	
02.320.0241	14	PC	
02.320.0242	14	blind	
02.320.0243	14	KABA/KESO	

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
426	Stainless Steel V2A, matt brushed
429	Stainless Steel V2A, PVD/titan coated

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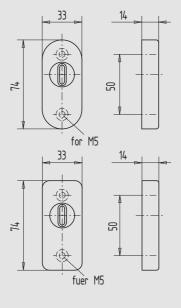
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## 33 11.5 for M5

fuer M5



#### **Security-rose**

- additional with protection against pulling, stainless steel
- with concealed screwing holes

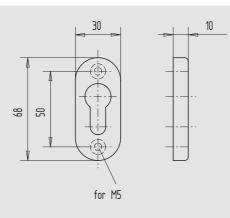
#### for cylinder protrusion up to 7,5 mm

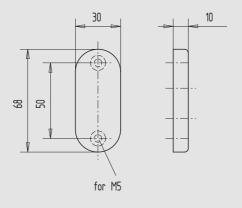
Artno.	н	Option
02.324.0111	11,5	oval
02.324.0211	11,5	rectangular

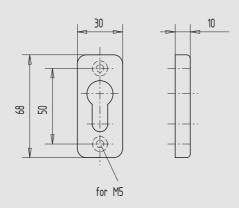
#### for cylinder protrusion up to 10,5 mm

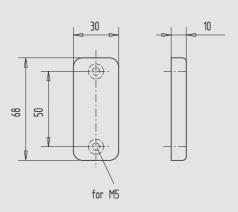
Н	Option
14	oval
14	rectangular
Ma	terial/Surface
Aluminium, E4/C-0 anodized	
Aluminium, E4/C-34 anodized	
Aluminium, RAL 9016 powder-coated	
Aluminium, special surface	
Stainless Steel V2A, matt brushed	
Stainless Steel V2A, PVD/titan coated	
	14 14 Ma Alu Alu Alu Sta











#### **PC-rose**

oval

Artno.	Option
02.330.0101	
02.330.0102	FS - fire-resistant

#### **Blind** rose

oval

Artno.	Option
02.332.0103	
02.332.1105	FS - fire-resistant

#### PC-rose

rectangular

Artno.	Option
02.334.0201	
02.334.0202	FS - fire-resistant

#### **Blind** rose

rectangular

Artno.	Option	
02.336.0203		
02.336.0204	FS - fire-resistant	
Surface codes	Material/Surface	
112	Aluminium, E4/C-0 anodized	
152	Aluminium, E4/C-34 anodized	
255	Aluminium, RAL 9016 powder-coated	
426	Stainless Steel V2A, matt brushed	
Information	Roses are also with KABA/KESO hole available.	





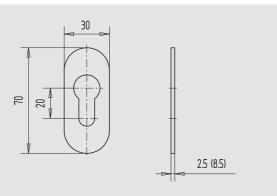


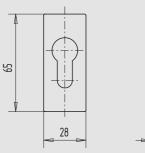




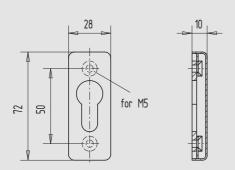


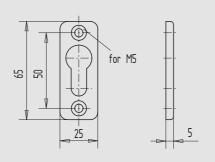
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#### Adhesive rose

- oval, PC
- with adhesive foil
- without screwing holes, back-sided

Artno.	Н
02.370.0121	2,5
02.370.0181	8,5

#### Adhesive rose

- rectangular, PC
- with adhesive foil
- without screwing holes, back-sided

Artno.	н	Option	
02.372.0231	3,0	PC	
02.372.0233	3,0	KABA/KESO	
02.372.0271	7,5	PC	
02.372.0273	7,5	KABA/KESO	

Surface codes	Material/Surface
114	Aluminium, E6/C-0 anodized
154	Aluminium, E6/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
426	Stainless Steel V2A, matt brushed

#### Rose

- rectangular, PC
- with concealed screwing holes
- with cover

Artno.	Material/Surface
02.374.0210.112	Aluminium, E4/C-0 anodized

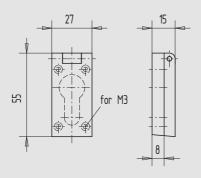
#### Rose

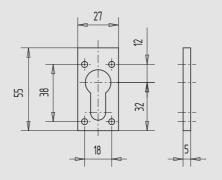
- rectangular, PC
- with visible screwing holes

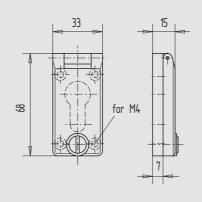
Artno.	Material/Surface
02.376.0250.114	Aluminium, E6/C-0 anodized
02.376.0250.154	Aluminium, E6/C-34 anodized
02.376.0250.255	Aluminium, RAL 9016 powder-coated



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#### Rose

- rectangular, PC
- with visible screwing holes

Artno.	Material/Surface
02.378.0270.114	Aluminium, E6/C-0 anodized
02.378.0270.154	Aluminium, E6/C-34 anodized
02.378.0270.255	Aluminium, RAL 9016 powder-coated

#### Rose, rain resistant

■ with PC-hole

Artno.	Material/Surface
02.380.0280.112	Aluminium, E4/C-0 anodized
02.380.0280.152	Aluminium, E4/C-34 anodized

#### Shim plate

Artno.	Material/Surface
02.382.0250.114	Aluminium, E6/C-0 anodized
02.382.0250.154	Aluminium, E6/C-34 anodized

#### Suitable for:

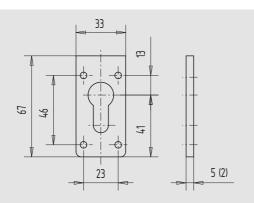
Roses - rain resistant, art.-no. 02.380... (s. a.)

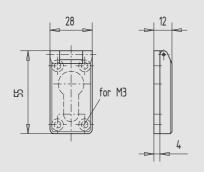
## Rose, rain resistant, with lever

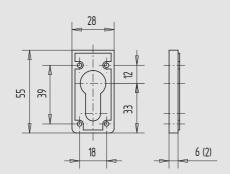
■ with PC-hole

Artno.	Material/Surface
02.384.0270.565	PVC, black
02.384.0270.570	PVC, grey

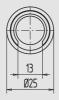












#### Shim-plate

Artno.	Н	Material/Surface	
02.386.0220.565	2	PVC, black	
02.386.0220.570	2	PVC, grey	
02.386.0250.565	5	PVC, black	
02.386.0250.570	5	PVC, grey	

#### Suitable for:

Roses - rain resistant page 233

#### Rose, rain resistant

■ with PC-hole

Artno.	Material/Surface
02.388.0240.565	PVC, black
02.388.0240.570	PVC, grey

#### Shim-plate

Artno.	Н	Material/Surface	
02.390.0221.565	2	PVC, black	
02.390.0221.570	2	PVC, grey	
02.390.0260.565	6	PVC, black	
02.390.0260.570	6	PVC, grey	

#### Suitable for:

Rain resistant rose page 234

#### Decorative ring

- 25 mm outside diameter
- with cutout for insertion of profile cylinder

Artno.	Material/Surface
02.410.0000.426	Stainless Steel V2A, matt brushed





#### Door handle set



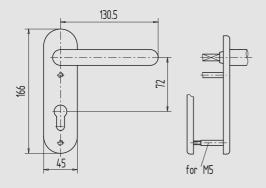
- for fire-resistant doors, acc. to DIN 18273
- with steel core
- fixed pivot-mounted in maintenance free slide bearing of steel substructure
- with shields for concealed screwing
- with fixing-screws
- 72 mm with PC-hole
- with 9 mm square spindle/panic with divided 9 mm square spindle

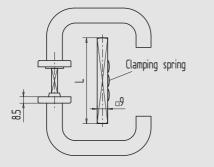
#### with rounded short plate

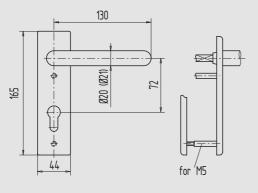
Artno.	Door thick- ness	Option	Material/ Surface
02.420.2301.112	45 - 65	Full pin	Aluminium, E4/C-0 anodized
02.420.2301.426	45 - 65	Full pin	Stainless Steel V2A, matt brushed
02.420.2302.112	65 - 85	Full pin	Aluminium, E4/C-0 anodized
02.420.2302.426	65 - 85	Full pin	Stainless Steel V2A, matt brushed
02.420.3301.112	45 - 65	Panic square pin	Aluminium, E4/C-0 anodized
02.420.3301.426	45 - 65	Panic square pin	Stainless Steel V2A, matt brushed
02.420.3302.112	65 - 85	Panic square pin	Aluminium, E4/C-0 anodized
02.420.3302.426	65 - 85	Panic square pin	Stainless Steel V2A, matt brushed

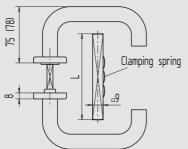
#### with angular short plate

Artno.	Door thickness	Option	Material/ Surface
02.420.2401.112	45 - 65	Full pin	Aluminium, E4/C-0 anodized
02.420.2401.426	45 - 65	Full pin	Stainless Steel V2A, matt brushed
02.420.2402.112	65 - 85	Full pin	Aluminium, E4/C-0 anodized
02.420.2402.426	65 - 85	Full pin	Stainless Steel V2A, matt brushed
02.420.3401.112	45 - 65	Panic square pin	Aluminium, E4/C-0 anodized
02.420.3401.426	45 - 65	Panic square pin	Stainless Steel V2A, matt brushed
02.420.3402.112	65 - 85	Panic square pin	Aluminium, E4/C-0 anodized
02.420.3402.426	65 - 85	Panic square pin	Stainless Steel V2A, matt brushed











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130.5

72

Clamping spring

130

72 (Ø20)

021

-9 Higher

Ø50

WSS

1

2

3

4

5

6

64

165

(75)

Clamping spring

7

8

9

#### Door handle set



- for fire-resistant doors, acc. to DIN 18273
- with fixed knob shield
- with steel core
- fixed pivot-mounted in maintenance free slide bearing of steel substructure
- with shields for concealed screwing
- with fixing-screws
- 72 mm with PC-hole
- with 9 mm square spindle

#### with rounded short plate

Artno.	Door thickness	Material/Surface
02.424.2301.112	45 - 65	Aluminium, E4/C-0 anodized
02.424.2301.426	45 - 65	Stainless Steel V2A, matt brushed
02.424.2302.112	65 - 85	Aluminium, E4/C-0 anodized
02.424.2302.426	65 - 85	Stainless Steel V2A, matt brushed

#### with angular short plate

Artno.	Door thickness	Material/Surface
02.424.2401.112	45 - 65	Aluminium, E4/C-0 anodized
02.424.2401.426	45 - 65	Stainless Steel V2A, matt brushed
02.424.2402.112	65 - 85	Aluminium, E4/C-0 anodized
02.424.2402.426	65 - 85	Stainless Steel V2A, matt brushed







#### Set for passive leaf



- for fire-resistant doors, acc. to DIN 18273
- with steel core
- fixed pivot-mounted in maintenance free slide bearing of steel substructure
- with shields for concealed screwing
- with fixing-screws
- blind shield without PC-hole
- with 9 mm square spindle

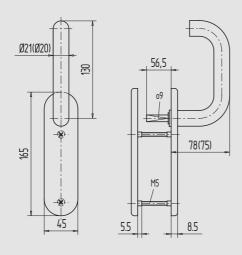
#### with rounded short plate

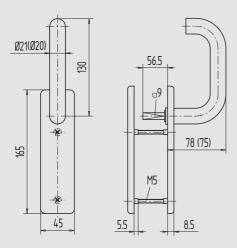
Artno.	Door thickness	Material/Surface
02.428.2301.112	45 - 65	Aluminium, E4/C-0 anodized
02.428.2301.426	45 - 65	Stainless Steel V2A, matt brushed

Artno.	Door thickness	Material/Surface
02.428.2301.112	45 - 65	Aluminium, E4/C-0 anodized
02.428.2301.426	45 - 65	Stainless Steel V2A, matt brushed

#### with angular short plate

Artno.	Door thickness	Material/Surface
02.428.2401.112	45 - 65	Aluminium, E4/C-0 anodized
02.428.2401.426	45 - 65	Stainless Steel V2A, matt brushed







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Clamping spring

130

Ø20(Ø21)

WSS

#### Door handle set



- for fire-resistant doors
- with steel-core
- fixed pivot mounted in maintenance-free slide bearing of steel-substructure - rounded rose
- with roses for concealed screwing
- with fixing screws
- with 9 mm square spindle/panic with divided 9 mm square spindle

Artno.	Door thickness	Option	Material/ Surface
02.432.2501.112	45 - 65	Full pin	Aluminium, E4/C-0 anodized
02.432.2501.426	45 - 65	Full pin	Stainless Steel V2A, matt brushed
02.432.2502.112	65 - 85	Full pin	Aluminium, E4/C-0 anodized
02.432.2502.426	65 - 85	Full pin	Stainless Steel V2A, matt brushed
02.432.3501.112	45 - 65	Panic square pin	Aluminium, E4/C-0 anodized
02.432.3501.426	45 - 65	Panic square pin	Stainless Steel V2A, matt brushed
02.432.3502.112	65 - 85	Panic square pin	Aluminium, E4/C-0 anodized
02.432.3502.426	65 - 85	Panic square pin	Stainless Steel V2A, matt brushed

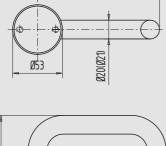
#### Door handle set

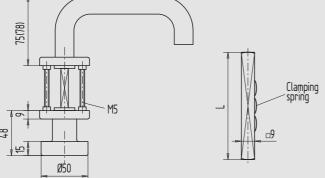


- for fire-resistant doors, according to DIN 18273
- with fixed plate with knob
- with steel-core
- fixed pivot mounted in maintenance-free slide bearing of steel-substructure - rounded rose
- with roses for concealed screwing
- with fixing screws
- with 9 mm square spindle

Artno.	Door thickness	Material/Surface
02.434.2501.112	45 - 65	Aluminium, E4/C-0 anodized
02.434.2501.426	45 - 65	Stainless Steel V2A, matt brushed
02.434.2502.112	65 - 85	Aluminium, E4/C-0 anodized
02.434.2502.426	65 - 85	Stainless Steel V2A, matt brushed









## Ø21(Ø20) M5 D9 Ø53

56.5

78(75)

## Ø52

#### Handle set for passive leaf



- for fire-resistant doors, according to DIN 18273
- with steel-core
- fixed pivot mounted in maintenance-free slide bearing of steel-substructure - rounded rose
- with roses for concealed screwing
- with fixing screws
- with 9 mm square spindle
- with counter rose

Artno.	Door thickness	Material/Surface
02.436.2501.112	45 - 65	Aluminium, E4/C-0 anodized
02.436.2501.426	45 - 65	Stainless Steel V2A, matt brushed

#### **PC-rose**



- for fire-resistant doors
- steel-substructure with rose for concealed screwing
- with fixing screws

Artno.	Door thickness	Material/Surface
02.438.0580.112	45 - 65	Aluminium, E4/C-0 anodized
02.438.0580.426	45 - 65	Stainless Steel V2A, matt brushed



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## 120 13 for M5 50 **□**9 8.5 120 72

#### Steel door handle set



- for fire-resistant doors/MPA-certified
- fixed pivot mounted on steel short plate, with PC-hole
- 72 mm distance
- plate with sunken screwing holes and back-sided thread tappets for concealed fixing
- with 9 mm square spindle, cuttable

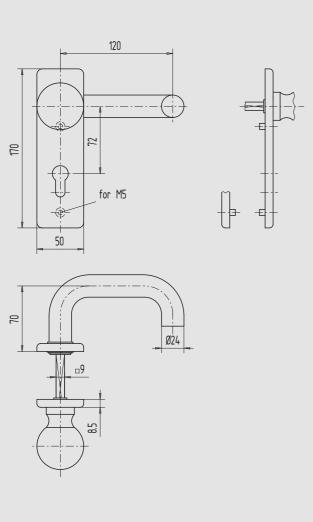
Artno.	Material/Surface
02.450.2400.030	Steel, silver powder-coated
02.450.2400.065	Steel, RAL 9005 black matt powder-coated

#### Steel handle set

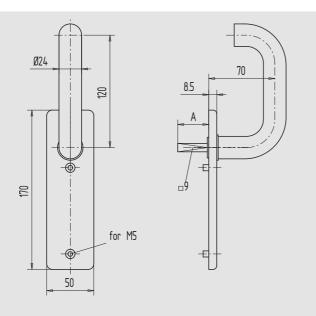


- for fire-resistant doors/MPA-certified
- handle hole part fixed pivot mounted on steel-plate, with PC-hole
- 72 mm distance
- knob with inside thread for special spindle
- back-sided tappets with thread for concealed fixing
- with 9 mm special square spindle, 120 mm long,cuttable

Artno.		Material/Surface
02.452.2400.030	)	Steel, silver powder-coated
02.452.2400.065	i	Steel, RAL 9005 black matt powder-coated
Information	Further colors acc.	to RAL-scale available.







#### Steel handle with spindle for passive leaf



- for fire-resistant doors/MPA-certified
- fixed pivot mounted on steel-plate
- without PC-hole
- with countersunk screwing holes
- with 9 mm square spindle, cuttable

Artno.	Material/Surface
02.454.2400.030	Steel, silver powder-coated
02.454.2400.065	Steel, RAL 9005 black matt powder-coated

### for passive leaf



- for fire-resistant doors/MPA-certified
- with back-sided tappets with thread for concealed screwing

Artno.	Material/Surface
02.456.2400.030	Steel, silver powder-coated
02.456.2400.065	Steel, RAL 9005 black matt powder-coated

## Steel blind rose



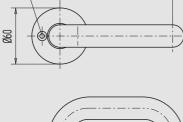
#### Steel door handle set



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- for fire-resistant doors/MPA-certified
- fixed pivot mounted on round steel roses
- roses with sunken screwing holes and back-sided tappets with thread for concealed screwing
- 9 mm square spindle, cuttable

Artno.		Material/Surface
02.458.2500.030		Steel, silver powder-coated
02.458.2500.065		Steel, RAL 9005 black matt powder-coated
Information	Further colors acc.	to RAL-scale available.



120

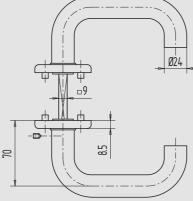
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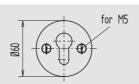
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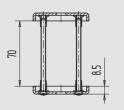
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for M5







#### **Steel PC-rose**



- for fire-resistant doors/MPA-certified
- inside: PC-rose with countersunk hole
- outside: PC-rose with tappets with thread
- with 2 fixing screws M5 x 70 mm

Artno.	Material/Surface
02.460.0500.030	Steel, silver powder-coated
02.460.0500.065	Steel, RAL 9005 black matt powder-coated
Information	Further colors acc. to RAL-scale available.



#### PVC door handle set



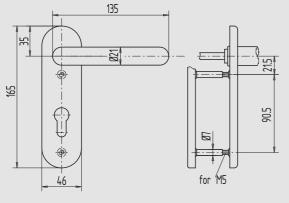
- for fire-resistant doors, acc. to DIN 18273
- with steel core
- fixed pivot-mounted in maintenance free slide bearing of steel substructure - 72 mm PC
- with black PVC shields for concealed screwing
- with fixing-screws
- with 9 mm square spindle/panic with divided 9 mm square spindle

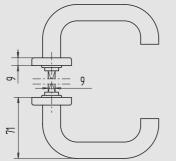
#### with rounded short plate

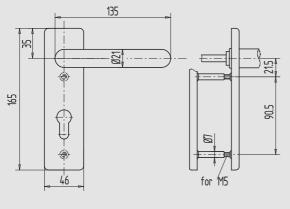
Artno.	Door thickness	Option	Material/Surface
02.470.2345.565	45 - 65	Full pin	PVC, black
02.470.2365.565	65 - 85	Full pin	PVC, black
02.470.3345.565	45 - 65	Panic square pin	PVC, black
02.470.3365.565	65 - 85	Panic square pin	PVC, black

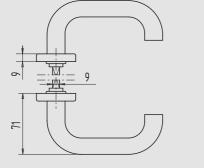
#### with square short plate

Artno.	Door thickness	Option	Material/Surface
02.470.2445.565	45 - 65	Full pin	PVC, black
02.470.2465.565	65 - 85	Full pin	PVC, black
02.470.3445.565	45 - 65	Panic square pin	PVC, black
02.470.3465.565	65 - 85	Panic square pin	PVC, black









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#### **PVC** door handle set

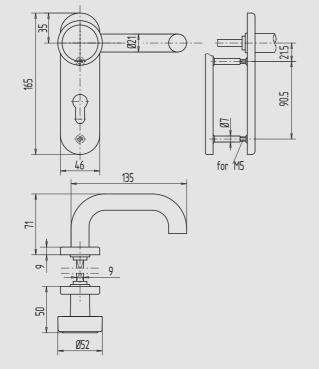
- for fire-resistant doors, acc. to DIN 18273
- with steel core
- fixed pivot-mounted in maintenance free slide bearing of steel substructure - 72 mm PC
- with black PVC shields for concealed screwing
- with fixing-screws
- with 9 mm square spindle

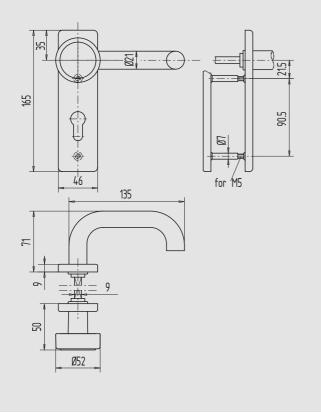
#### with rounded short plate

Artno.	Door thickness	Option	Material/Surface
02.474.2345.565	45 - 65	Full pin	PVC, black
02.474.2365.565	65 - 85	Full pin	PVC. black

#### with square short plate

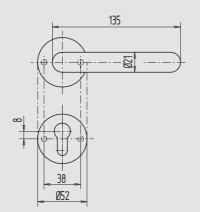
Artno.	Door thickness	Option	Material/Surface
02.474.2445.565	45 - 65	Full pin	PVC, black
02.474.2465.565	65 - 85	Full pin	PVC, black

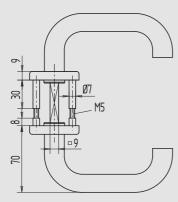


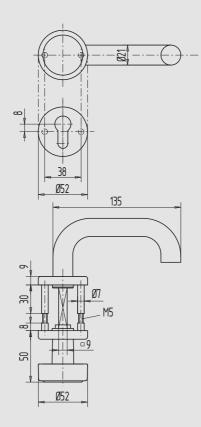












#### PVC door handle set



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- for fire-resistant doors, according to DIN 18273
- with steel-core
- fixed pivot mounted in maintenance-free slide bearing of steel-substructure - rounded rose
- with black PVC-roses for invisible screwing
- with fixing screws
- with 9 mm square spindle/panic with divided 9 mm square spindle
- with PC-rose

Artno.	Door thickness	Option	Material/Surface
02.478.2545.565	45 - 65	Full pin	PVC, black
02.478.2565.565	65 - 85	Full pin	PVC, black
02.478.3545.565	45 - 65	Panic square pin	PVC, black
02.478.3565.565	65 - 85	Panic square pin	PVC, black

#### **PVC** door handle set



- for fire-resistant doors, according to DIN 18273
- with steel-core
- fixed pivot mounted in maintenance-free slide bearing of steel-substructure - rounded rose
- with black PVC-roses for invisible screwing
- with fixing screws
- with 9 mm square spindle
- with PC-rose

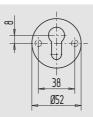
Artno.	Door thickness	Option	Material/Surface
02.480.2545.565	45 - 65	Full pin	PVC, black
02.480.2565.565	65 - 85	Full pin	PVC, black

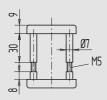


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#### **PVC PC-rose**



- for fire-resistant doors, according to DIN 18273
- steel-substructure with black PVC-roses for invisible screwing
- with fixing screws

Artno.	Door thickness	Material/Surface
02.482.0045.565	45 - 65	PVC, black
02.482.0065.565	65 - 85	PVC, black





#### PVC set for passive leaf



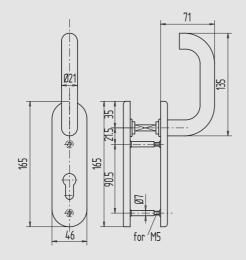
- for fire-resistant doors, acc. to DIN 18273
- with steel core
- fixed pivot-mounted in maintenance free slide bearing of steel substructure
- with black PVC shields/blind shields for covered screwing
- with fixing-screws
- 9 mm square spindle, for customization

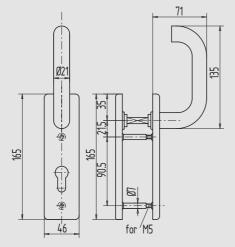
#### with rounded short plate

A	rtno.	Door thickness	Option	Material/Surface
02	2.484.2345.565	45 - 65	Full pin	PVC, black
02	2.484.2365.565	65 - 85	Full pin	PVC, black

### with square short plate

Artno.	Door thickness	Option	Material/Surface
02.484.2445.565	45 - 65	Full pin	PVC, black
02.484.2465.565	65 - 85	Full pin	PVC, black



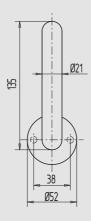


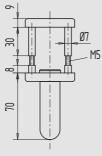


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#### PVC set for passive leaf

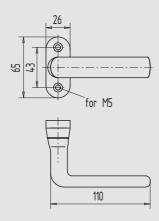


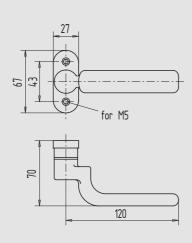
- for fire-resistant doors, according to DIN 18273
- with steel-core
- fixed pivot mounted in maintenance-free slide bearing of steel-substructure - rounded rose
- with black PVC-plates for invisible screwing
- with fixing screws
- blind rose without PC-hole
- 9 mm square spindle, for self-customization

Artno.	Door thick- ness	Option	Material/Surface
02.488.2545.565	45 - 65	Full pin	PVC, black
02.488.2565.565	65 - 85	Full pin	PVC, black



# 110





#### Handle

- as provisional solution before real handle installation
- with square slit spindle

Artno.	Square	Material/Surface	
02.490.1000.565	8	PVC, black	
02.490.2000.565	9	PVC, black	

#### Door handle set

- with 8 and 9 mm square spindle
- oval shape
- suitable for 54 mm door-thickness

Artno.	Square	Material/Surface
02.500.1000.020	8	Steel, black lacquered
02.500.1000.112	8	Aluminium, E4/C-0 anodized
02.500.2000.020	9	Steel, black lacquered
02.500.2000.112	9	Aluminium, E4/C-0 anodized

#### Door handle set

- with 8 and 9 mm square spindle
- oval shape
- fixed pivot mounted on oval rose

Artno.	Square	Material/Surface
02.502.1100.020	8	Steel, black lacquered
02.502.1100.112	8	Aluminium, E4/C-0 anodized
02.502.2100.020	9	Steel, black lacquered
02.502.2100.112	9	Aluminium, E4/C-0 anodized

#### Handle

- with 8 and 9 mm square
- oval shape
- fixed pivot mounted on oval rose

Artno.	Square	Material/Surface
02.503.1100.020	8	Steel, black lacquered
02.503.1100.112	8	Aluminium, E4/C-0 anodized
02.503.2100.020	9	Steel, black lacquered
02.503.2100.112	9	Aluminium, E4/C-0 anodized



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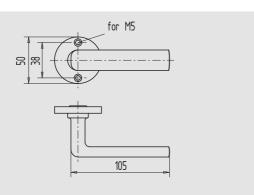
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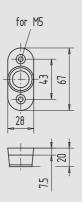
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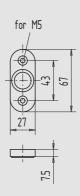
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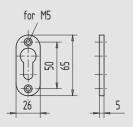
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#### Handle

- with 9 mm square
- oval shape
- fixed pivot mounted on round rose

Artno.	Square	Material/Surface
02.504.2500.020	9	Steel, black lacquered
02.504.2500.112	9	Aluminium, E4/C-0 anodized

#### Rose

- oval
- with front guide

Artno.	Thickness	Material/Surface
02.510.0120.020	20	Steel, black lacquered
02.510.0120.114	20	Aluminium, E6/C-0 anodized

#### Rose

- oval
- without front guide

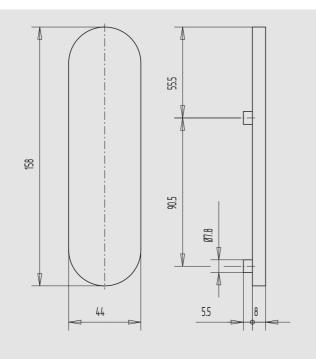
Artno.	Thickness	Material/Surface
02.512.0175.020	7,5	Steel, black lacquered
02.512.0175.114	7,5	Aluminium, E6/C-0 anodized

#### PC-rose

- oval
- with visible screwing holes

Artno.	Thickness	Material/Surface
02.514.0150.020	5	Steel, black lacquered
02.514.0150.114	5	Aluminium, E6/C-0 anodized
02.514.0150.154	5	Aluminium, E6/C-34 anodized
02.514.0150.255	5	Aluminium, RAL 9016 powder- coated





#### Blind short plate

■ for back-to-back screwing with panic-bar

Artno.	Material/Surface
02.518.0002.426	Stainless Steel V2A, matt brushed

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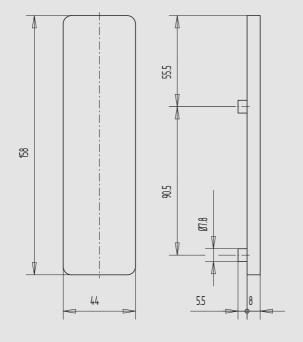
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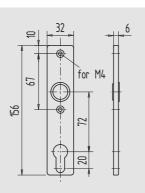
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#### Blind short plate

■ for back-to-back screwing with panic-bar

Artno.	Material/Surface
02.519.0002.426	Stainless Steel V2A, matt brushed





## Short plate model 630

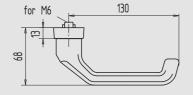
- measurements 32 x 156 x 6 mm
- 72 mm distance

Artno.	Material/Surface
02.630.0000.426	Stainless Steel V2A, matt brushed



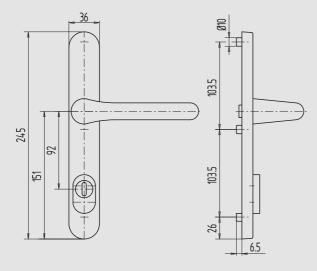
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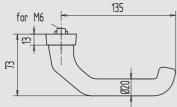
6



PC-protrusion in mm

Alu	V2A
min. 12	min. 12
max. 15	max. 17





PC-protrusion in mm

Alu	V2A
mind. 12	min. 12
max. 15	max. 17

# Security device with protection against pulling model 650

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted
- for outside (with tappets)

### with oval long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Material/Surface
02.650.1302.112	Aluminium, E4/C-0 anodized
02.650.1302.152	Aluminium, E4/C-34 anodized
02.650.1302.255	Aluminium, RAL 9016 powder-coated
02.650.1302.299	Aluminium, special surface
02.650.1302.426	Stainless Steel V2A, matt brushed
02.650.1302.429	Stainless Steel V2A, PVD/titan coated

# Security device with protection against pulling model 651

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted
- for outside (with tappets)

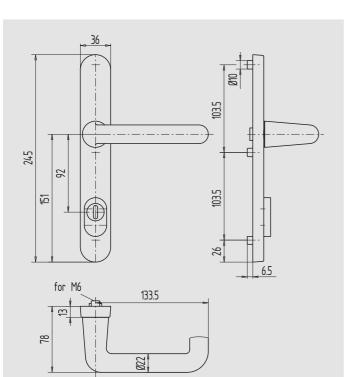
### with oval long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Material/Surface
02.651.1302.112	Aluminium, E4/C-0 anodized
02.651.1302.152	Aluminium, E4/C-34 anodized
02.651.1302.255	Aluminium, RAL 9016 powder-coated
02.651.1302.299	Aluminium, special surface
02.651.1302.426	Stainless Steel V2A, matt brushed
02.651.1302.429	Stainless Steel V2A, PVD/titan coated

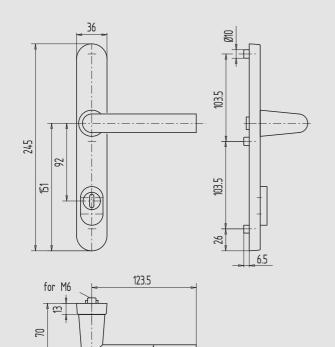
### Accessories:

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### PC-protrusion in mm

Alu	V2A
min. 12	min. 12
max. 15	max. 17



PC-protrusion in mm

Alu	V2A
min. 12	min. 12
max. 15	max. 17

# Security device with protection against pulling model 652

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted
- for outside (with tappets)

### with oval long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Material/Surface
02.652.1302.112	Aluminium, E4/C-0 anodized
02.652.1302.152	Aluminium, E4/C-34 anodized
02.652.1302.255	Aluminium, RAL 9016 powder-coated
02.652.1302.299	Aluminium, special surface
02.652.1302.426	Stainless Steel V2A, matt brushed
02.652.1302.429	Stainless Steel V2A, PVD/titan coated

# Security device with protection against pulling model 653

- 8 mm square
- spring-loaded
- with concealed screwing holes
- fixed pivot-mounted
- for outside (with tappets)

### with oval long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Material/Surface
02.653.1302.112	Aluminium, E4/C-0 anodized
02.653.1302.152	Aluminium, E4/C-34 anodized
02.653.1302.255	Aluminium, RAL 9016 powder-coated
02.653.1302.299	Aluminium, special surface
02.653.1302.426	Stainless Steel V2A, matt brushed
02.653.1302.429	Stainless Steel V2A, PVD/titan coated

### Accessories:





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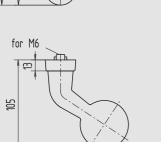
# Protection fittings

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103.5

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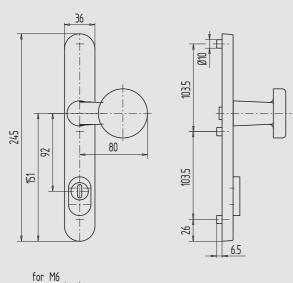
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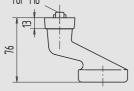
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PC-protrusion in mm

Alu	V2A
min. 12	min. 12
max. 15	max. 17





PC-protrusion in mm

Alu	V2A
min. 12	min. 12
max. 15	max. 17

# Security device with protection against pulling model 654

- 8 mm square
- with concealed screwing holes
- for outside (with tappets)

### with oval long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Option	Material/Surface
02.654.0302.112	fixed riveted	Aluminium, E4/C-0 anodized
02.654.0302.152	fixed riveted	Aluminium, E4/C-34 anodized
02.654.0302.255	fixed riveted	Aluminium, RAL 9016 pow- der-coated
02.654.0302.299	fixed riveted	Aluminium, special surface
02.654.0302.426	fixed riveted	Stainless Steel V2A, matt brushed
02.654.0302.429	fixed riveted	Stainless Steel V2A, PVD/titan coated
02.654.0303.112	fixed pivot-mounted	Aluminium, E4/C-0 anodized
02.654.0303.152	fixed pivot-mounted	Aluminium, E4/C-34 anodized
02.654.0303.255	fixed pivot-mounted	Aluminium, RAL 9016 pow- der-coated
02.654.0303.299	fixed pivot-mounted	Aluminium, special surface
02.654.0303.426	fixed pivot-mounted	Stainless Steel V2A, matt brushed
02.654.0303.429	fixed pivot-mounted	Stainless Steel V2A, PVD/titan coated

# Security device with protection against pulling model 655

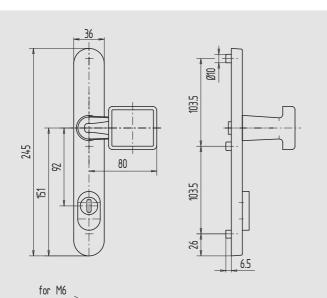
- 8 mm square
- with concealed screwing holes
- for outside (with tappets)

### with oval long plate

■ distance between screwing holes 103,5/103,5 mm

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Artno.	Option	Material/Surface
02.655.0302.112	fixed riveted	Aluminium, E4/C-0 anodized
02.655.0302.152	fixed riveted	Aluminium, E4/C-34 anodized
02.655.0302.255	fixed riveted	Aluminium, RAL 9016 powder- coated
02.655.0302.299	fixed riveted	Aluminium, special surface
02.655.0302.426	fixed riveted	Stainless Steel V2A, matt brushed
02.655.0302.429	fixed riveted	Stainless Steel V2A, PVD/titan coated
02.655.0303.112	fixed pivot-mounted	Aluminium, E4/C-0 anodized
02.655.0303.152	fixed pivot-mounted	Aluminium, E4/C-34 anodized
02.655.0303.255	fixed pivot-mounted	Aluminium, RAL 9016 powder- coated
02.655.0303.299	fixed pivot-mounted	Aluminium, special surface
02.655.0303.426	fixed pivot-mounted	Stainless Steel V2A, matt brushed
02.655.0303.429	fixed pivot-mounted	Stainless Steel V2A, PVD/titan coated
Accessories:		

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### PC-protrusion in mm

Alu	V2A
min. 12	min. 12
max. 15	max. 17

# Security device with protection against pulling model 656

- 8 mm square
- with concealed screwing holes
- for outside (with tappets)

### with oval long plate

■ distance between screwing holes 103,5/103,5 mm

Artno.	Option	Material/Surface
02.656.0302.112	fixed riveted	Aluminium, E4/C-0 anodized
02.656.0302.152	fixed riveted	Aluminium, E4/C-34 anodized
02.656.0302.255	fixed riveted	Aluminium, RAL 9016 powder- coated
02.656.0302.299	fixed riveted	Aluminium, special surface
02.656.0302.426	fixed riveted	Stainless Steel V2A, matt brushed
02.656.0302.429	fixed riveted	Stainless Steel V2A, PVD/titan coated
02.656.0303.112	fixed pivot-mounted	Aluminium, E4/C-0 anodized
02.656.0303.152	fixed pivot-mounted	Aluminium, E4/C-34 anodized
02.656.0303.255	fixed pivot-mounted	Aluminium, RAL 9016 powder-coated
02.656.0303.299	fixed pivot-mounted	Aluminium, special surface
02.656.0303.426	fixed pivot-mounted	Stainless Steel V2A, matt brushed
02.656.0303.429	fixed pivot-mounted	Stainless Steel V2A, PVD/titan coated

### Accessories:



# Security device

- certified acc. to DIN 18257 + 18273 (EN 1906)
- (9 mm/FS)

model 670

- security classification ES1, handle fixed pivot-mounted
- knob, straight flat shape
- suitable for door thicknesses of 44 66 mm
- high-strength, concealed screwing

### Door handle set



Artno.	Square	Distance	Thickness	Material/ Surface
02.670.1300.112	8	72	11	Aluminium, E4/ C-0 anodized
02.670.1301.112	8	72	15	Aluminium, E4/ C-0 anodized
02.670.2311.112	9	72	11	Aluminium, E4/ C-0 anodized

### Handle set

Artno.	Square	Distance	Thickness	Material/ Surface
02.672.1300.112	8	72	11	Aluminium, E4/ C-0 anodized
02.672.1301.112	8	72	15	Aluminium, E4/ C-0 anodized
02.672.2311.112	9	72	11	Aluminium, E4/ C-0 anodized

ļ <del>-</del>	145	66	
170	1720		512
45		8	11 (15)

	134.5	66	40
		21.5	
170	021		
		90.5	
		<u> </u>	-
4'5		8	11 (15)



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### Security device with protection against pulling model 674

- certified acc. to DIN 18257 + 18273 (EN 1906)
- (9 mm/FS)
- security classification ES1, handle fixed pivot-mounted
- knob, straight flat shape
- cylinder cover, hardened steel for protruding cylinder length 10 - 15 mm (8 - 15 mm)
- suitable for door thi



Artno.	Square	Distance	Cylinder- protrude	Material/ Surface
02.674.1302.112	8	72	10 - 15	Aluminium, E4/ C-0 anodized
02.674.1302.426	8	72	10 - 15	Stainless Steel V2A, matt brushed
02.674.2302.112	9	72	8 - 15	Aluminium, E4/ C-0 anodized
02.674.2302.426	9	72	8 - 15	Stainless Steel V2A, matt brushed

### Handle set

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Artno.	Square	Distance	Cylinder- protrude	Material/ Surface
02.676.1303.112	8	72	10 - 15	Aluminium, E4/ C-0 anodized
02.676.1303.426	8	72	10 - 15	Stainless Steel V2A, matt brushed
02.676.2303.112	9	72	8 - 15	Aluminium, E4/ C-0 anodized
02.676.2303.426	9	72	8 - 15	Stainless Steel V2A, matt brushed

Information	Further door thicknesses available.
IIIIOIIIIatioii	Turtifici door tilickricsses available





# Special fittings

### Door handle sets for 2 horizontally separated **PC-holes**

- rectangular shape
- 15 mm thickness
- with inner shield, 5 mm thickness
- fixed pivot-mounted
- with 9 mm square spindle, 72 mm with PC-hole

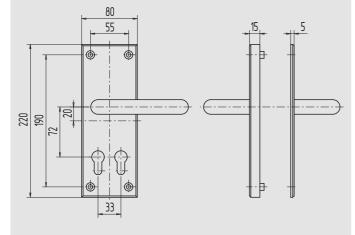
### Door handle set

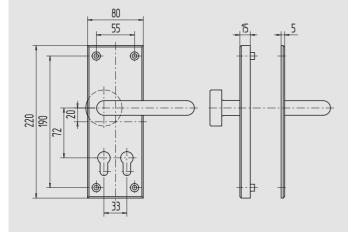
Artno.	Lock direction	Material/Surface
02.700.2400.112	right	Aluminium, E4/C-0 anodized
02.700.2400.240	right	Aluminium, dark-bronze powder-coated
02.700.2400.255	right	Aluminium, RAL 9016 powder- coated
02.700.2400.426	right	Stainless Steel V2A, matt brushed
02.701.2400.112	left	Aluminium, E4/C-0 anodized
02.701.2400.240	left	Aluminium, dark-bronze powder-coated
02.701.2400.255	left	Aluminium, RAL 9016 powder- coated
02.701.2400.426	left	Stainless Steel V2A, matt brushed

### Handle set

Artno.	Lock direction	Material/Surface
02.702.2402.112	right	Aluminium, E4/C-0 anodized
02.702.2402.240	right	Aluminium, dark-bronze powder- coated
02.702.2402.255	right	Aluminium, RAL 9016 powder- coated
02.702.2402.426	right	Stainless Steel V2A, matt brushed
02.703.2402.112	left	Aluminium, E4/C-0 anodized
02.703.2402.240	left	Aluminium, dark-bronze powder- coated
02.703.2402.255	left	Aluminium, RAL 9016 powder- coated
02.703.2402.426	left	Stainless Steel V2A, matt brushed
Information	Sets are also with	9 mm divided square

Sets are also with 9 mm divided square available.







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# Door handle sets for 2 horizontally separated PC-holes with protection against pulling out of core

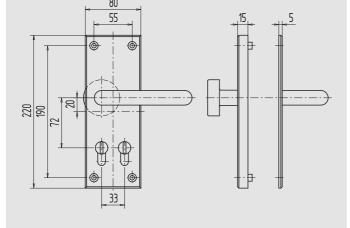
- rectangular shape
- 15 mm thickness
- with inner shield, 5 mm thickness
- fixed pivot-mounted
- with 9 mm square spindle, 72 mm with PC-hole

### Door handle set

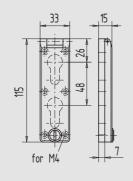
Artno.	Lock direction	Material/Surface
02.704.2404.426	right	Stainless Steel V2A, matt brushed
02.705.2404.426	left	Stainless Steel V2A, matt brushed

### Handle set

Lock direction	Material/Surface
right	Stainless Steel V2A, matt brushed
left	Stainless Steel V2A, matt brushed
Sets are also with 9 mm divided square available.	
	right left Sets are also with







### **Security rose**

- for locks with 2 vertically separated PC-holes
- rectangular shape

Artno.	Material/Surface
02.708.0200.112	Aluminium, E4/C-0 anodized
02.708.0200.240	Aluminium, dark-bronze powder-coated
02.708.0200.255	Aluminium, RAL 9016 powder-coated
02.708.0200.426	Stainless Steel V2A, matt brushed

### Rose

- for locks with 2 vertically separated PC-holes
- rectangular shape

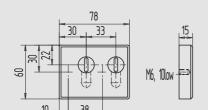
Artno.	Material/Surface
02.710.0201.112	Aluminium, E4/C-0 anodized
02.710.0201.240	Aluminium, dark-bronze powder-coated
02.710.0201.255	Aluminium, RAL 9016 powder-coated
02.710.0201.426	Stainless Steel V2A, matt brushed

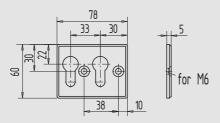
### Rose, rain resistant

- with 2 vertical separated PC-holes
- with locking bolt
- with cover

Artno.	Thickness	Material/Surface
02.712.0270.570	7	PVC, grey







# Security rose with protection against pulling out the core

- for locks with 2 horizontally separated PC-holes
- rectangular shape

Artno.		Material/Surface
02.714.0200.426	right	Stainless Steel V2A, matt brushed
02.715.0200.426	left	Stainless Steel V2A, matt brushed

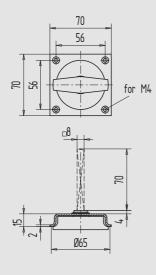
### Rose

- for locks with 2 vertically separated PC-holes
- rectangular shape

Artno.		Material/Surface
02.716.0200.426	right	Stainless Steel V2A, matt brushed
02.717.0200.426	left	Stainless Steel V2A, matt brushed



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### Pull ring handle

- one-sided usable
- fixed pivot mounted
- fixed square spindle

Artno.	Square spindle	Material/Surface
02.730.1200.020	8	Steel, black lacquered
02.730.1200.112	8	Aluminium, E4/C-0 anodized
02.730.2200.020	9	Steel, black lacquered
02.730.2200.112	9	Aluminium, E4/C-0 anodized

### Pull ring handle

- fixed pivot mounted
- fixed square spindle

Artno.	W×H	Square	Ø
02.732.1200	70 x 70 mm	8 mm hole	_
02.732.1201	70 x 70 mm	8 mm / pin	
02.732.1202	90 x 90 mm	8 mm hole	
02.732.1203	90 x 90 mm	8 mm / pin	
02.732.2200	90 x 90 mm	9 mm / hole	
02.732.2201	90 x 90 mm	9 mm / pin	

Surface codes	Material/Surface
010	Steel, zinc-plated
020	Steel, black lacquered
112	Aluminium, E4/C-0 anodized
426	Stainless Steel V2A, matt brushed
Information	Artno. 02.732.1200/1201 not available in stainless steel.

### Flush ring handle

Artno.	W×H	Square	Material/ Surface
02.736.1200.112	70 x 70 mm	8 mm hole	Aluminium, E4/ C-0 anodized
02.736.1201.112	70 x 70 mm	8 mm / pin	Aluminium, E4/ C-0 anodized



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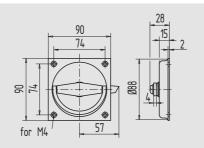
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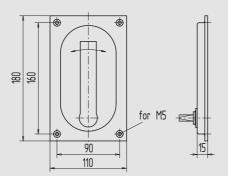
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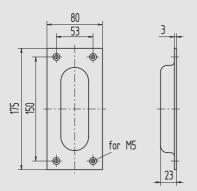
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### Pull ring handle

### with zinc plated guide

Artno.	W×H	Material/Surface
02.738.1202.112	90 x 90 mm	Aluminium, E4/C-0 anodized

### Sliding gate handle

Artno.	Square spindle	Material/Surface
02.740.2200.230	9 mm	Aluminium, silver powder-coated
02.740.4200.230	10 mm	Aluminium, silver powder-coated

### Pull ring handle

### pairwise

Artno.	Α	Square spindle	Material/ Surface
02.742.1000.010	65	8 mm	Steel, zinc-plated
02.742.1000.020	65	8 mm	Steel, black lacquered
02.742.1001.010	80	8 mm	Steel, zinc-plated
02.742.1001.020	80	8 mm	Steel, black lacquered
02.742.2000.010	65	9 mm	Steel, zinc-plated
02.742.2000.020	65	9 mm	Steel, black lacquered
02.742.2001.010	80	9 mm	Steel, zinc-plated
02.742.2001.020	80	9 mm	Steel, black lacquered

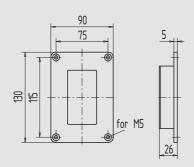
### Sliding door handle

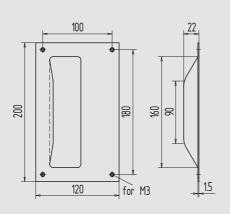
### stamped

Artno.	Material thickness	Material/Surface
02.744.0200.010	3	Steel, zinc-plated
02.744.0200.112	3	Aluminium, E4/C-0 anodized
02.744.0200.230	3	Aluminium, silver powder-coated
02.744.0200.426	3	Stainless Steel V2A, matt brushed



### 525 88 29.5 57.7 18 60 M3





### Sliding door handle

### stamped

Artno.	Material thickness	Material/Surface
02.748.0201.113	2	Aluminium, E5/C-0 anodized
02.748.0201.426	2	Stainless Steel V2A, matt brushed

### Sliding door handle

Artno.	Option	Material/Surface
02.750.0202.112	Blind	Aluminium, E4/C-0 anodized
02.750.0203.112	PC	Aluminium, E4/C-0 anodized

### Sliding door handle

Artno.	Material/Surface
02.752.0204.030	Steel, silver powder-coated
02.752.0204.112	Aluminium, E4/C-0 anodized

### Handle

Artno.	WxH	Material/Surface
02.754.0200.010	120 x 200 mm	Steel, zinc-plated
02.754.0200.112	120 x 200 mm	Aluminium, E4/C-0 anodized
02.754.0200.152	120 x 200 mm	Aluminium, E4/C-34 anodized
02.754.0200.426	120 x 200 mm	Stainless Steel V2A, matt brushed

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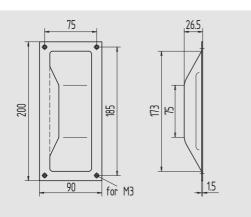
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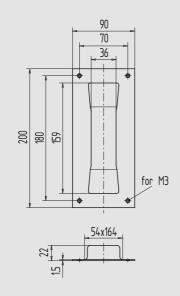
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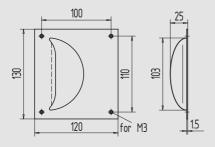
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### Handle

Artno.	W×H	Material/Surface
02.756.0200.112	90 x 200 mm	Aluminium, E4/C-0 anodized
02.756.0200.152	90 x 200 mm	Aluminium, E4/C-34 anodized

### Handle

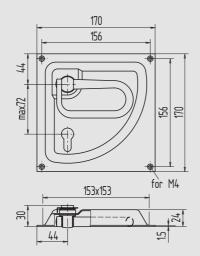
Artno.	W×H	Material/Surface
02.758.0200.010	90 x 200 mm	Steel, zinc-plated
02.758.0200.112	90 x 200 mm	Aluminium, E4/C-0 anodized
02.758.0200.152	90 x 200 mm	Aluminium, E4/C-34 anodized
02.758.0200.426	90 x 200 mm	Stainless Steel V2A, matt brushed

### Handle

Artno.	W×H	Material/Surface
02.762.0200.112	120 x 130 mm	Aluminium, E4/C-0 anodized
02.762.0200.152	120 x 130 mm	Aluminium, E4/C-34 anodized
02.762.0200.426	120 x 130 mm	Stainless Steel V2A, matt brushed



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# 170 156 max. 72 136 for M4 153x153

### Sports hall handle

- with inlaying pull ring handlemeasurements (W x H) 170 x 170 mm
- 72 mm distance

Artno.	Square	Direction
02.770.1200	8 mm / hole PC	right
02.770.1201	8 mm / pin PC	right
02.770.2200	9 mm / hole PC	right
02.770.2201	9 mm / pin PC	right
02.771.1200	8 mm / hole PC	left
02.771.1201	8 mm / pin PC	left
02.771.2200	9 mm / hole PC	left
02.771.2201	9 mm / pin PC	left
02.770.1204	8 mm / hole blind	right
02.770.1205	8 mm / pin blind	right
02.770.2204	9 mm / hole blind	right
02.770.2205	9 mm / pin blind	right
02.771.1204	8 mm / hole blind	left
02.771.1205	8 mm / pin blind	left
02.771.2204	9 mm / hole blind	left
02.771.2205	9 mm / pin blind	left

### Sports hall handle

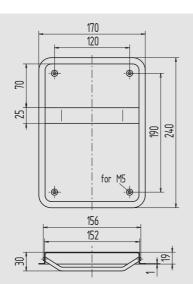
- with handle
- measurements (W x H) 170 x 170 mm
- 72 mm distance

Artno.	Square	Direction
02.772.1200	8 mm / hole PC	right
02.772.1201	8 mm / pin PC	right
02.772.2200	9 mm / hole PC	right
02.772.2201	9 mm / pin PC	right
02.773.1200	8 mm / hole PC	left
02.773.1201	8 mm / pin PC	left
02.773.2200	9 mm / hole PC	left
02.773.2201	9 mm / pin PC	left
02.772.1204	8 mm / hole blind	right
02.772.1205	8 mm / pin blind	right
02.772.2204	9 mm / hole blind	right
02.772.2205	9 mm / pin blind	right
02.773.1204	8 mm / hole blind	left
02.773.1205	8 mm / pin blind	left
02.773.2204	9 mm / hole blind	left
02.773.2205	9 mm / pin blind	left
Surface codes	Material/Su	rface

Surface codes	Material/Surface	
030	Steel, silver powder-coated	
112	Aluminium, E4/C-0 anodized	
152	Aluminium, E4/C-34 anodized	
Special	Door handle is also with special distance measurements available.	







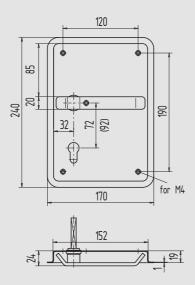


Illustration shows right handed version

### Sports hall handle

stainless steel 1.4571

Artno.	Material/Surface
02.776.0200.428	Stainless Steel V4A, matt brushed

### Sports hall door handle WSS

material: stainless steel 1.4571

### 72 mm distance

Artno.	Square	Direction	Material/ Surface
02.778.1200.428	8 mm / pin PC	right	Stainless Steel V4A, matt brushed
02.779.1200.428	8 mm / pin PC	left	Stainless Steel V4A, matt brushed
02.778.2200.428	9 mm / pin PC	right	Stainless Steel V4A, matt brushed
02.779.2200.428	9 mm / pin PC	left	Stainless Steel V4A, matt brushed

### 92 mm distance

Artno.	Square	Direction	Material/ Surface
02.780.1200.428	8 mm / pin PC	right	Stainless Steel V4A, matt brushed
02.781.1200.428	8 mm / pin PC	left	Stainless Steel V4A, matt brushed
02.780.2200.428	9 mm / pin PC	right	Stainless Steel V4A, matt brushed
02.781.2200.428	9 mm / pin PC	left	Stainless Steel V4A, matt brushed

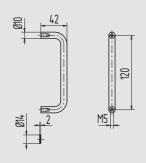
### Blind

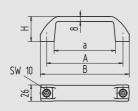
Artno.	Square	Direction	Material/ Surface
02.780.1202.428	8 mm / pin blind	right	Stainless Steel V4A, matt brushed
02.781.1202.428	8 mm / pin blind	left	Stainless Steel V4A, matt brushed
02.780.2202.428	9 mm / pin blind	right	Stainless Steel V4A, matt brushed
02.781.2202.428	9 mm / pin blind	left	Stainless Steel V4A, matt brushed



6

### 90 90 137 155 172





### Handle

Artno.	Material/Surface
02.800.0000.112	Aluminium, E4/C-0 anodized

### Handle

stamped

Artno.	Material/Surface
02.802.0000.112	Aluminium, E4/C-0 anodized

### Handle

with:

2 plates 14 x 2 mm

2 plates 5,3 mm, DIN 125

2 cylinder screws M5 x 12 mm, DIN 84

Artno.	Material/Surface
02.804.0000.026	Steel, chrome-plated

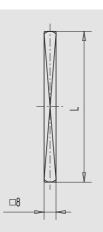
### **PVC** handle

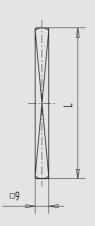
- handle for hexagonal- or cylinder screw M6
- according to DIN 933/84

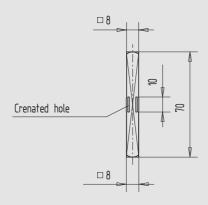
Artno.	a	Α	В	н
02.806.0040.565	98	122	142	40
02.806.0053.565	118,5	152	167	53,5



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### Square spindle

- steel, galvanized
- 8 mm

Artno.	Length	
02.820.1060.010	60	
02.820.1070.010	70	
02.820.1080.010	80	
02.820.1100.010	100	
02.820.1110.010	110	
02.820.1120.010	120	
02.820.1130.010	130	
02.820.1140.010	140	
02.820.1150.010	150	
02.820.1160.010	160	
02.820.1170.010	170	

### Square spindle

- steel, galvanized
- 9 mm

Artno.	Length	
02.822.2060.010	60	
02.822.2080.010	80	
02.822.2100.010	100	
02.822.2110.010	110	
02.822.2120.010	120	
02.822.2130.010	130	
02.822.2140.010	140	
02.822.2150.010	150	
02.822.2160.010	160	
02.822.2170.010	170	
02.822.2180.010	180	

# Square spindle, crenated

- steel, galvanized
- 8 mm

Artno.	Length	
02.824.1070.010	70	

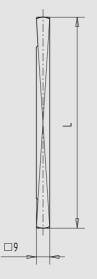




# Square spindle with toothing

- steel, galvanized
- 8 mm

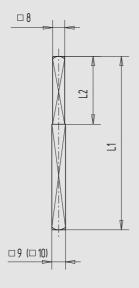
Artno.	Length	
02.826.1110.010	110	
02.826.1120.010	120	
02.826.1130.010	130	
02.826.1140.010	140	



# Square spindle with toothing

- steel, galvanized
- 9 mm

Artno.	Length	
02.830.2110.010	110	
02.830.2120.010	120	
02.830.2130.010	130	
02.830.2140.010	140	



# Square spindle, one-side offset

steel, galvanized

Artno.	Square	L1	L2
02.836.2090.010	9/8	60	30
02.836.2160.010	9/8	115	40
02.836.4090.010	10/8	60	30
02.836.4160.010	10/8	115	40



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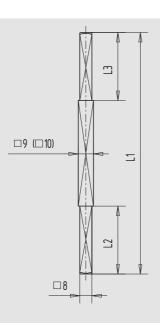
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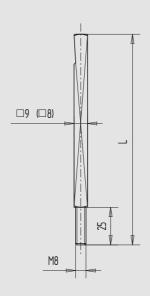
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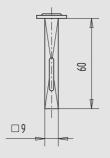
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# Square spindle, both-side offset

steel, galvanized

Artno.	Square	L1	L2	L3
02.840.2100.010	8/9/8	100	30	30
02.840.2130.010	8/9/8	130	40	40
02.840.2135.010	8/9/8	135	40	40
02.840.2140.010	8/9/8	140	40	40
02.840.2150.010	8/9/8	150	40	40
02.840.2165.010	8/9/8	165	40	40
02.840.4100.010	8/10/8	100	30	30
02.840.4130.010	8/10/8	130	40	40
02.840.4150.010	8/10/8	150	40	40
02.840.4160.010	8/10/8	160	40	40

# Square spindle with thread M8

- steel, galvanized
- to be fixed into a door knob from one side

Artno.	Square	Length
02.842.1090.010	8	90
02.842.1110.010	8	110
02.842.1120.010	8	120
02.842.1130.010	8	130
02.842.1140.010	8	140
02.842.2110.010	9	110
02.842.2120.010	9	120
02.842.2130.010	9	130
02.842.2140.010	9	140

# Slit square spindle with head-plate

- steel, galvanized
- for both-sided drilled doors

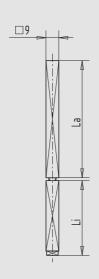
Artno.	Square	Length
02.846.1060.010	8	60
02.846.1080.010	8	80
02.846.1100.010	8	100
02.846.1074.010	8	74
02.846.2060.010	9	60



Dimensional drawing for special square spindle FS 117 for fire resistant doors.

Please specify door thickness and measurement xi in your order.

# P ...



### Hook square spindle

- steel, galvanized
- for one-sided drilled doors

Artno.	Square	Length	хi	
02.850.1067.010	8	67	9 - 22	
02.850.1087.010	8	87	27 - 42	
02.850.2065.010	9	65,5	16 - 26	
02.850.2086.010	9	86,5	37 - 47	

# Divided panic spindle, centric

- steel, galvanized
- 9 mm

Artno.	Door thickness	Li	La
02.852.2105.010	45 - 58	52	53,5
02.852.2120.010	59 - 72	59	60,5
02.852.2135.010	73 - 86	66	67,5

# Divided panic spindle, asymetric

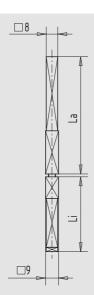
- steel, galvanized
- 9 mm

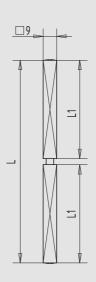
Artno.	Li	La
02.854.2135.010	52	81,5



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# Divided panic spindle, offset

- steel, galvanized
- both-side offset from 9 to 8 mm
- for doors with asymmetric lock installation

Artno.	Li	La	
02.856.2135.010	52	81,5	
Information	Further options of	on reque	st available.

### **Divided Panic spindle**

- yellow chromated steel
- 9 mm
- for doors with centric lock installation

Artno.	Door thickness	L	L1
02.858.2114.010	32 - 61	114	55/4/55
02.858.2134.010	62 - 92	134	65/4/65

### Square spindle

- steel, galvanized
- for connection of handle hole parts R-technic
- with spring

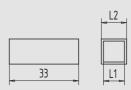
Artno.	Square	Door thickness
02.860.1048.010	8	38,1 - 48
02.860.1058.010	8	48,1 - 58
02.860.1068.010	8	58,1 - 68
02.860.1078.010	8	68,1 - 78
02.860.1088.010	8	78,1 - 88
02.860.2048.010	9	38,1 - 48
02.860.2058.010	9	48,1 - 58
02.860.2068.010	9	58,1 - 68
02.860.2078.010	9	68,1 - 78
02.860.2088.010	9	78,1 - 88











### Square spindle

- steel, galvanized
- for connection of handle hole parts with knob handle hole parts R-technic

Artno.	Square	Door thickness
02.862.1048.010	8	38,1 - 48
02.862.1058.010	8	48,1 - 58
02.862.1068.010	8	58,1 - 68
02.862.1078.010	8	68,1 - 78
02.862.1088.010	8	78,1 - 88
02.862.1098.010	8	88,1 - 89
02.862.2048.010	9	38,1 - 48
02.862.2058.010	9	48,1 - 58
02.862.2068.010	9	58,1 - 68
02.862.2078.010	9	68,1 - 78
02.862.2088.010	9	78,1 - 88
02.862.2098.010	9	88,1 - 98

### Square spindle

- steel, galvanized
- for one-sided installation of handle hole parts R-technic

		•
Artno.	Square	Maß X
02.864.1009.010	8	7,1 - 9
02.864.1012.010	8	9,1 - 12
02.864.1017.010	8	12,1 - 17
02.864.1027.010	8	17,1 - 27
02.864.1037.010	8	27,1 - 37
02.864.1047.010	8	37,1 - 47
02.864.1057.010	8	47,1 - 57
02.864.1067.010	8	57,1 - 67
02.864.2012.010	9	9,1 - 12
02.864.2017.010	9	12,1 - 17
02.864.2027.010	9	17,1 - 27
02.864.2037.010	9	27,1 - 37
02.864.2047.010	9	37,1 - 47
02.864.2057.010	9	47,1 - 57
02.864.2061.010	9	57,1 - 67

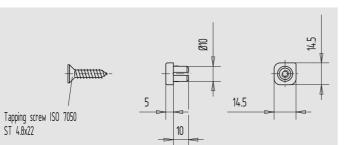
**Information** Meas. X = Measurement from door surface to surface of lock case.

### **Compensation bush**

- steel, galvanized
- for square spindles

Artno.	L1	L2	Length
02.870.0078.010	7	8	33
02.870.0089.010	8	9	33
02.870.0810.010	8	10	33
02.870.0910.010	9	10	33





### Clamping bush

- PVC
- for spring-loaded handles and cover plate including stainless steel screw

Artno.	Width	Depth
02.872.2000.505	14,5	15



General information		
General inionnation	- F	202
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	■ Rollers	297
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### First fold, then lock.

Accordion cremone bolts by WSS.

- with high-quality melleable cast iron lever forged pivots for higher stability
- high protection against corrosion due to zinc to zinc plated cases
- for flat rods with dimensions 26x8 mm and 30x10 mm

Due to the use of high-quality materials and good manufacturing, the accordion cremone bolts are charactarized by a high durability.

### Profile is our strength.

Helm-Fittings, provided by WSS.

- Versions for leaf weights up to 2.000 kg
- Profile series 100 to 700
- available in blank drawn, zinc plated and stainless steel
- for any gate version
- Rail stoppers, fixing sockets and further accessories available

The huge variety of different gate fittings provides an adequate solution for any weight and any use area.





### A self-supporting role.

- electric drives for gates up to 2.000 kg
- Security contact bars to hedge the squeezing- and shearing zones
- Radio control possible
- for intermediate openings up to maximum 11.500 mm

The security contact bars to hedge the squeezing- and shearing zones guarantee optimal protection for persons as well as for the used materials.

### Every time the right turn.

- up to max. 7.000 mm leaf width
- Over- and underfloor drive available
- for single- and double-leaf gates
- later installation possible
- up to max. 1.000 kg gate weight

The possibility of later installation guarantees a quick retrofitting of the drives to already existing revolving gates.

WSS



Frequently asked questions (FAQ)

■ Why are there different rail systems and roller appliances for sliding door fittings?

The rail system sizes and roller appliances depend on the weight of the sliding door. The higher the load, the higher the material of the fittings. Only the size of the rail and the accessories change. The fittingsystems are similar, so the choice of the correct fitting is easier for you.



■ Which effect does an additional adjustment possibility of the screwing angle have?

The additional adjustment possibility of the screwing angle eases the installation of sliding doors up to 170 kg, because drilling tolerances can be compensated and the door can be adjusted horizontally.

■ Which criteria are decisive for choosing the correct roller appliance?

The choice of roller appliances depends on the load and the use area. Roller appliances for inside



do not need special lubricant, the use in stables must be realized by special lubricated roller appliances. Beared roller appliances improve the runnability of doors. Special roller appliances are neccessary for electric driven sliding gates.

■ What are the attributes of a highquality sliding gate fitting?

A silent, easy run is one of the attributes of a high-quality fitting. It is also improtant, that the fittings are weather-proof.

■ Which advantages do doublepaired roller appliances provide compared to single-paired?

Double-paired or double-axial versions guarantee a good runnability and exact guiding of the roller appliances in the profile. Besides there are advantages for installation. Singleaxial rollers appliances dispose of a lower load.

■ What is the difference between door buffers and rail stoppers?

Door buffers catch the door-, or gate leaf in the center of gravity. Rail stoppers are used as limiter in the rail ends. They are not suited for catching door- or gate leafs.

■ What is special about catch stoppers?

Catch stoppers enable the snappingin of sliding doors in their end positions. With their help, it is guaranteed, that opened doors do not close themselves.



■ What is the application area of accordion doors?

Accordion doors are mainly used as room dividers.

■ What is the correct counterweight for vertically running, selfsupporting gates?

All vertical running gates need counterweights, because gates have to be able to be stopped anytime. A vertically hanging counterweight has to be mounted to a wall. Because of the constructional conditions, the use of counterweights parallel running to the gate is usual.

■ Which regulations have to be observed for sliding gates with electro-motive drive?

The installation of electro-motive drives is ruled according to DIN EN 13241.

What is the installation distance between sockets on the rail?

Fixing sockets have to be installed every 800 mm.

■ Does WSS supply complete sliding gates?

No, WSS only supplies fittings for sliding gates.



■ Does WSS supply the installation and the connection of electric sliding gate drives?

No, on request we can provide technicians against extra costs.

■ Which kinds of sliding gates are there? What are their application areas?

There are low guided, upper guided and self-supporting gates.



■ Which effect does a dead-man's button have?

Electric drives are only running as long as the dead-man's button is pushed. On releasing the button, the drive stops immediately.

■ What does the degree of protection describe?

The degree of protection is the specification of the touching-, contaminent- and water protection for electric machines, e. g. IP 43.

■ What is an end switch good for? The end switch is installed to the

electric drive. At start or end position of the motor, the end switch stops it and protects against overheating.

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WSS

### Sliding door systems for single- and double-leaf glass doors



### Type SPRINT - Slide Line Technical features:

- smooth and silent running
- easy installation due to pre-assembled basic parts
- wall- and ceiling installation possible
- suitable for single-sheet security glass (up to 150 kg. leaf weight with only 2 roller appliances)
- also available for laminated security glass (up to 80 kg. leaf weight with only 2 roller appliances)
- with aluminium covers and rail profile
- brass and stainless steel made secondary covers available
- sliding rails drilled every 400 mm (wall-/ceiling connection)
- height adjustment ± 5 mm (roller appliance)
- pre-assembled roller appliance with clamping profile
- no glass preparation required
- Installation of side panels in / on the sliding rail possible
- use with dual-drive for double-leaf doors
- hook bolt locks and seals available



### Type "Neapel"

### Technical features:

- smooth and silent running design-fitting
- easy installation due to pre-assembled basic parts
- totally of stainless steel
- usable for 8 12 mm single-sheet security glass (up to 120 kg. leaf weight with only 2 roller appliances)
- filigree shape
- excentric hanging
- different designs available
- handles with the same optical characteristics available
- extensive accessories available

### You can find details of sliding door systems for glass doors in our glass catalogue GK 1.

If there are any questions, please contact our glass fitting department by calling

0049-20 56/17-1293.



Illustration shows left handed version

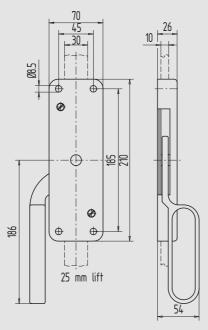


Illustration shows left handed version

### Folding gate cremone bolts

- with malleable cast iron loop-levers
- forged joints
- lever, one-sided

### for flat rods 26 x 8 mm

Artno.	Option	Direction	Material/ Surface
03.100.0000.010	to screw on or weld on	right	Steel, zinc-plated
03.101.0000.010	to screw on or weld on	left	Steel, zinc-plated
Special	Cremone bolts only to	the top an	d bottom locking.
Accessories:			
Rod guides page	289		

### for flat rods 30 x 10 mm

Artno.	Option	Direction	Material/ Surface
03.102.0000.010	to screw on	right	Steel, zinc-plated
03.103.0000.010	to screw on	left	Steel, zinc-plated
03.102.0010.010	to weld on	right	Steel, zinc-plated
03.103.0010.010	to weld on	left	Steel, zinc-plated
Special	Cremone bolts only to	the top an	d bottom locking.
Accessories:			
Rod guides page	289		



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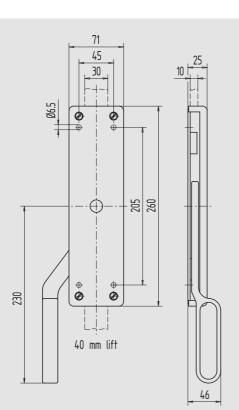


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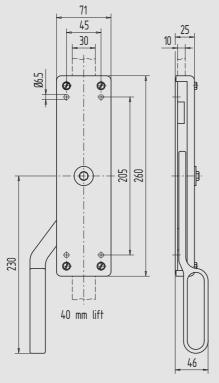


Illustration shows left handed version

### Accordion gate cremone bolt

- with melleable cast iron loop lever
- to weld-on
- for flat rods 30 x 10 mm
- forged joints
- lever, one-sided

Artno.	Direction	Material/Surface
03.104.0000.010	right	Steel, zinc-plated
03.105.0000.010	left	Steel, zinc-plated
Special	Cremone bolts only	y to the top and bottom locking.

### Accessories:

Rod guides page 289 Interlocks see page 290

### Folding gate cremone bolt

- with melleable cast iron loop lever
- to weld-on
- for flat rods 30 x 10 mm
- forged joints
- lever, one-sided
- case with hexagonal screws and additional centric hexagonal screw with U-plate for protection

Artno.	Direction	Material/Surface
03.106.0000.010	right	Steel, zinc-plated
03.107.0000.010	left	Steel, zinc-plated
Special	Cremone bolts only	to the top and bottom locking.

### Accessories:

Rod guides page 289 Interlocks see page 290



### Folding gate cremone bolts

- with malleable cast iron lever
- to weld-on
- for flat rods 30 x 10 mm
- forged joints
- lever, one-sided

### Loop lever, cropped

Artno.	Direction	Material/Surface
03.108.0000.010	right	Steel, zinc-plated
03.109.0000.010	left	Steel, zinc-plated
Special	Cremone bolts only	to the top and bottom locking.
Accessories:		
Rod guides page Interlocks see pa		

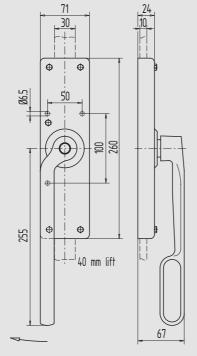


Illustration shows left handed version

### Art.-no. 03.110.0000.010 right 03.111.0000.010 left

Cremone bolts only to the top and bottom locking. Special

Material/Surface

Steel, zinc-plated

Steel, zinc-plated

### Accessories:

Loop lever, flat

Rod guides page 289 Interlocks see page 290

Direction

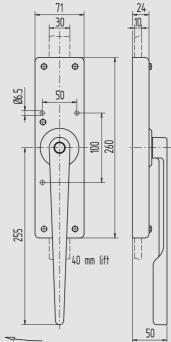


Illustration shows left handed version



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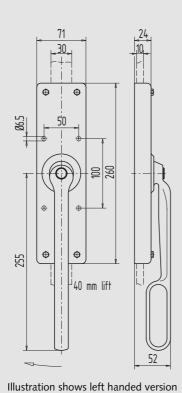
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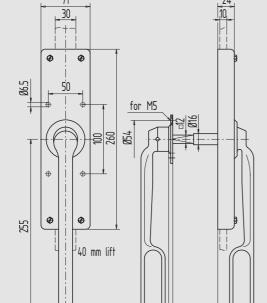


Illustration shows left handed version

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### Folding gate cremone bolts

- to weld-on
- 180° pivotable
- for flat rods 30 x 10 mm
- forged joints

### Lever, one-sided

Artno.	Direction	Material/Surface
03.112.0000.010	right	Steel, zinc-plated
03.113.0000.010	left	Steel, zinc-plated
Special	Cremone bolts only	to the top and bottom locking.

### Accessories:

Rod guides page 289 Interlocks see page 290

### Lever, double-sided

Artno.	Direction	Material/Surface
03.114.0000.010	right	Steel, zinc-plated
03.115.0000.010	left	Steel, zinc-plated
Information	Gate thickness (max. 65 mm) for self-customization.	
Special	Cremone bolts only	y to the top and bottom locking.

### Accessories:

Rod guides page 289 Interlocks see page 290





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# Folding gate cremone bolts, lockable

- to weld-on
- for flat rods 30 x 10 mm
- forged joints

### Lever, one-sided, only for inside

Artno.	Direction	Material/Surface
03.116.0000.010	right	Steel, zinc-plated
03.117.0000.010	left	Steel, zinc-plated
Special	Cremone bolts only	y to the top and bottom locking.
Accessories:		
Rod guides see page 289 Interlocks see page 290		

# 

Illustration shows left handed version

# Lever, double-sided, for inside and outside

Artno.	Direction	Material/Surface
03.118.0000.010	right	Steel, zinc-plated
03.119.0000.010	left	Steel, zinc-plated
Information	Gate thickness (max. 80 mm) for self-customization.	
Special	Cremone bolts only	y to the top and bottom locking.
Accessories:		

Rod guides see page 289 Interlocks see page 290

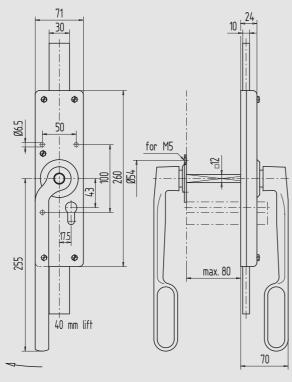


Illustration shows left handed version



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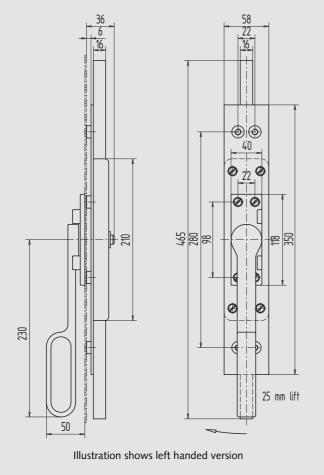
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# 23 00 00 00 00 00 17 mm lift

Illustration shows left handed version



# Accordion gate cremone bolt, concealed

■ with short 16 mm square rods to weld-on

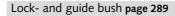
Artno.	Direction	Material/Surface
03.120.0000.010	right	Steel, zinc-plated
03.121.0000.010	left	Steel, zinc-plated
Special	Cremone bolts only	y to the top and bottom locking.
Accessories:		

### Lock- and guide bush page 289

# Accordion gate cremone bolt, concealed

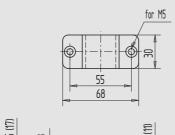
■ with short 16 mm square rods to weld-on

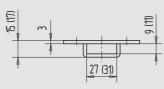
Artno.	Direction	Material/Surface
03.122.0000.010	right	Steel, zinc-plated
03.123.0000.010	left	Steel, zinc-plated
Special	Cremone bolts only	to the top and bottom locking.
Accessories:		

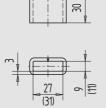


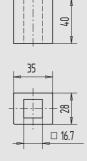












#### Rod guide

#### ■ to screw-on

Artno.	for rods	Material/Surface	
03.150.0026.005	26 x 8	Steel, bright	
03.150.0026.010	26 x 8	Steel, zinc-plated	
03.150.0030.005	30 x 10	Steel, bright	
03.150.0030.010	30 x 10	Steel, zinc-plated	

#### Rod guide

#### ■ to weld-on

Artno.	for rods	Material/Surface	
03.151.0026.005	26 x 8	Steel, bright	
03.151.0026.010	26 x 8	Steel, zinc-plated	
03.151.0030.005	30 x 10	Steel, bright	
03.151.0030.010	30 x 10	Steel, zinc-plated	

#### Locking- and guiding bush

Artno.	Material/Surface
03.160.0000.305	Brass, bright

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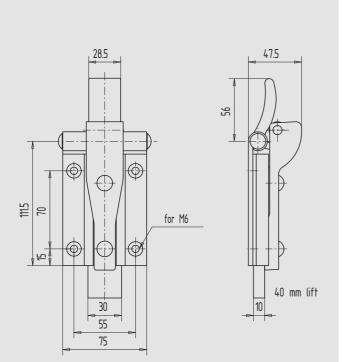
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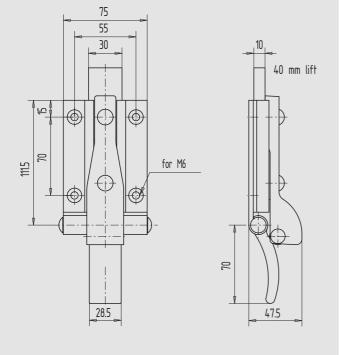
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#### Bolt

for outward opening gates

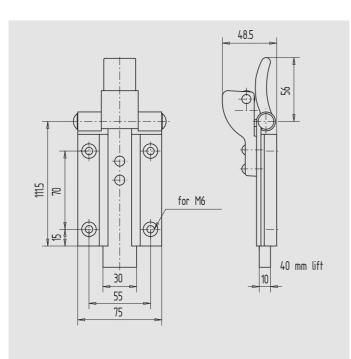
#### for top

Artno.	Zunge	Material/Surface
03.170.0000.010	56	Steel, zinc-plated

#### for bottom

Artno.	Zunge	Material/Surface	
03.171.0000.010	70	Steel, zinc-plated	





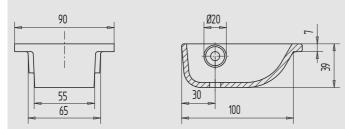
#### Bolt

- for inward opening gates
- for top and bottom

Artno.	Zunge	Material/Surface	
03.172.0000.010	56	Steel, zinc-plated	



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#### Roller

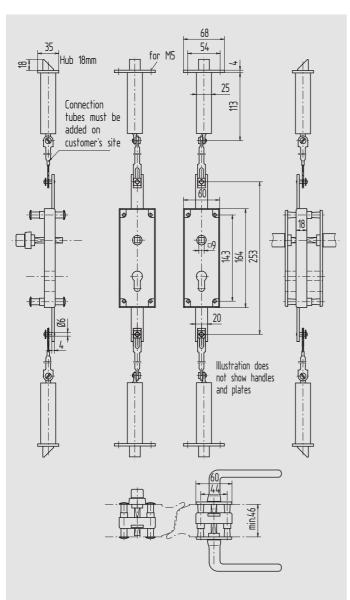
Artno.	Material/Surface
03.180.0000.610	Malleable Cast Iron, zinc-plated

#### Floor bush

■ with roller

Artno.	Material/Surface
03.190.0000.610	Malleable Cast Iron, zinc-plated





#### Special lock

- for accordion gates
- for active- and passive-leaf

#### with:

- 1 zinc plated swing gate lock with safety catch, with PZ-hole, 60 mm distance, 18 mm height of case, for active leaf with rod spring and special fixing screw
- 1 zinc plated swing gate lock as above, without safety catch, for passive leaf
- 4 zinc plated latch heads for top and bottom
- 1 E4/C0 anodized aluminium handle hole part, 8 mm square-hole, for passive leaf
- 1 stepped square spindle 8 to 9 mm
- 1 E4/C0 anodized aluminium handle, 9 mm screwing spindle, for active leaf
- 1 E4/C0 anodized aluminium long plate with thread tappets, for active leaf, 60 mm distance, with PZ-hole
- 1 E4/C0 anodized aluminium long plate with holes, for inside, 60 mm distance, with PZ-hole

Artno.	Material/Surface
03.200.0000.010	Steel, zinc-plated
Information	Connection rod has to be supplied on your site.



Illustration shows left handed version

#### Special lock

for accordion gates

#### with:

- 1 zinc plated lock, prepared for profile cylinder, 92 mm distance, with under spring pressure standing connection rods, with supporting screw-nuts
- 2 zinc plated locking rods, 16 mm square, to weld-on
- 2 zinc plated guide plates for locking rods
- 1 E4/C0 anodized aluminium handle set, 9 mm square spindle, fixed pivot mounted on long plate 250 x 45 mm, with PZ-hole, 92 mm distance
- 4 nickel plated bush screws M5 x 60 mm

Artno.	Direction	Material/Surface
03.210.0000.010	right	Steel, zinc-plated
03.211.0000.010	left	Steel, zinc-plated
Information	Connection rod aron your site.	nd splint have to be supplied

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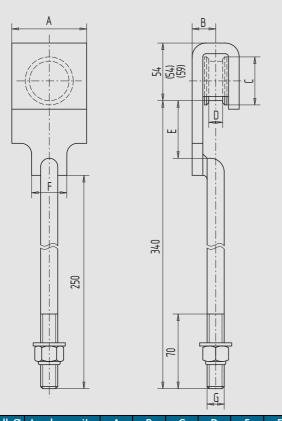
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Spindl-Ø (G)	Load capacity per pc./kgs.	Α	В	С	D	E	F
16 mm	200	70	22	45	13	54	33
22 mm	350	70	22	45	13	44	38,5
26 mm	500	70	26	45	13	52	52

# 001/08

#### Sliding gate hanging roller

- closed case
- double-sided beared

Artno.	Option	Material/Surface				
03.250.0016.010	16 mm Ø-spindle	Steel, zinc-plated				
03.250.0022.010	22 mm spindle	Steel, zinc-plated				
03.250.0026.010	26 mm Ø-spindle	Steel, zinc-plated				
Information	These sliding gate hanging rollers with 2-hinge lug can only be used with 80 mm height.					

#### Hinge lug

- material thickness 6 mm
- without screwing holes
- with brass bushes, blank

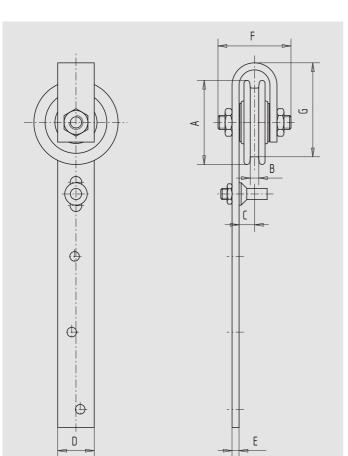
Artno.	Height	for Spindle-Ø	Material/Surface
03.260.0816.010	80	16	Steel, zinc-plated
03.260.1016.010	100	16	Steel, zinc-plated
03.260.0822.010	80	22	Steel, zinc-plated
03.260.1022.010	100	22	Steel, zinc-plated
03.260.0826.010	80	26	Steel, zinc-plated
03.260.1026.010	100	26	Steel, zinc-plated

#### Accessories:

Bearing ring page 346



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Α	Load capacity per pc./kgs.	В	С	D/E	F	G
60	30	6	11,5	26/5	43	67
75	35	9	15	30/6	54	81
90	50	9	16	40/6	61	98
105	75	11	18	40/8	67	114
120	100	11	20	45/8	73	127

#### Sliding gate hanging roller

- cast iron roller
- with roller bearing

Artno.	Α	Material/Surface	
03.270.0060.010	60	Steel, zinc-plated	
03.270.0075.010	75	Steel, zinc-plated	
03.270.0090.010	90	Steel, zinc-plated	
03.270.0105.010	105	Steel, zinc-plated	
03.270.0120.010	120	Steel, zinc-plated	

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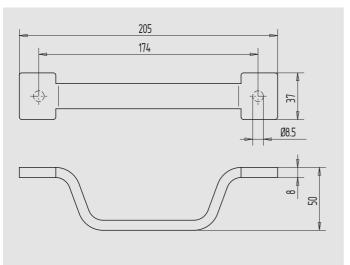
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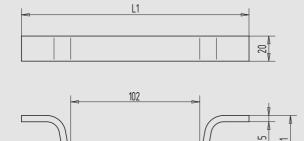
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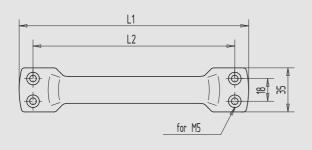
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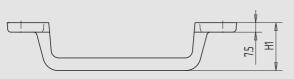
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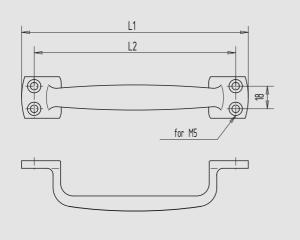
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#### Handle

Artno.	Option	Material/Surface
03.300.0010.005	without holes	Steel, bright
03.300.0010.010	without holes	Steel, zinc-plated
03.300.0020.005	with 2 pcs. 8,5 mm Ø screwhole	Steel, bright
03.300.0020.010	with 2 pcs. 8,5 mm $\varnothing$ screwhole	Steel, zinc-plated

#### Handle

Artno.	L1	Material/Surface	
03.301.0180.005	180	Steel, bright	
03.301.0200.005	200	Steel, bright	

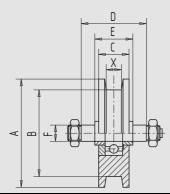
#### Handle

Artno.	L1	L2	H1	Material/Surface
03.302.0164.735	164	144	34	Zinc Die Casting, silver lacquered
03.302.0180.735	180	160	37	Zinc Die Casting, silver lacquered
03.302.0202.735	202	182	40	Zinc Die Casting, silver lacquered
03.302.0230.735	230	210	48	Zinc Die Casting, silver lacquered

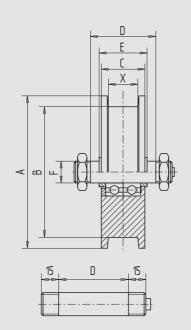
#### Handle

Artno.	L1	L2	Material/Surface
03.303.0160.112	160	144	Aluminium, E4/C-0 anodized
03.303.0200.112	200	182	Aluminium, E4/C-0 anodized





Α	U	X	В	۵	ш	Bearing	F	Load capacity per pc./kgs.
100	28	14-17	90	60	32	6202	15	200
120	30	14-17	110	60	35	6202	15	270
140	30	14-17	130	60	35	6204	20	400
160	32	14-17	150	60	40	6204	20	500



Α	U	X	В	D	ш	Bearing	щ	Load capacity per pc./kgs.
120	40	27-29	105	60 (80)	44	6204	20	580
160	42	27-29	145	60 (80)	46	6204	20	800
180	45	27-29	165	80	50	6205	25	1000
200	52	34-36	185	80	57	6205	25	1200

#### **Rollers**

- axle with thread and screw nut
- maintenance-free

#### with 1 bearing

Artno.	Α	Material/Surface	
03.350.0100.010	100	Steel, zinc-plated	
03.350.0120.010	120	Steel, zinc-plated	
03.350.0140.010	140	Steel, zinc-plated	
03.350.0160.010	160	Steel, zinc-plated	

#### with 2 bearings

Artno.	Α	Achslänge	Material/Surface
03.355.0120.010	120	60	Steel, zinc-plated
03.355.1120.010	120	80	Steel, zinc-plated
03.355.0160.010	160	60	Steel, zinc-plated
03.355.1160.010	160	80	Steel, zinc-plated
03.355.1180.010	180	80	Steel, zinc-plated
03.355.1200.010	200	80	Steel, zinc-plated

Information	Rollers are also in stainless steel,PVC and
	other dimensions available.

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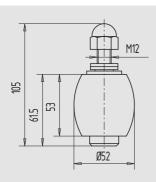
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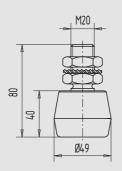
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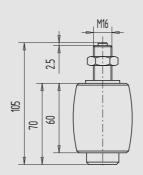
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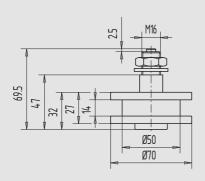
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#### **Guiding roller**

- PVC roller body
- zinc plated steel axis

Artno.	Material/Surface
03.360.0000.505	PVC, nature

#### **Guiding roller**

- PVC roller body
- zinc plated steel axis

Artno.	Material/Surface
03.361.0000.505	PVC, nature

#### **Guiding roller**

- steel roller body
- with bronze bush
- axis with lubricate nipple

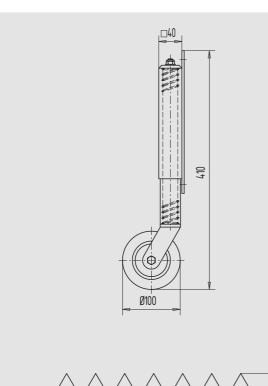
Artno.	Material/Surface
03.365.0000.005	Steel, bright

#### **Guiding roller**

- steel roller body
- with bronze bush
- axis with lubricate nipple

Artno.	Material/Surface
03.366.0000.005	Steel, bright





#### Gate roller

- telescope spring leg
- spring distance up to 6 cm
- load up to 70 kp

Artno.	Material/Surface
03.370.0000.008	Steel, hot zinc dipped

#### Tooth bar

- 3 mm thickness
- production lengths of approx. 5,2 m

Artno.	Height	Material/Surface	
03.380.0035.005	35	Steel, bright	
03.380.0040.005	40	Steel, bright	
03.380.0045.005	45	Steel, bright	

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#### Ramp support

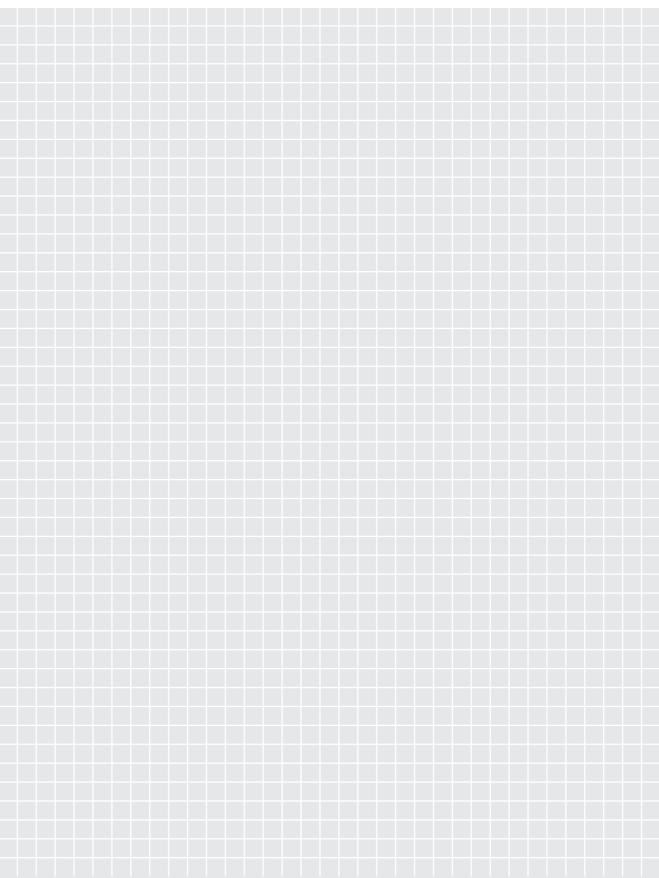
with wall-in anchor

Artno.	Material/Surface
03.390.0000.008	Steel, hot zinc dipped



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#### **Notes**



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<ul> <li>Heavy-duty</li> <li>Accessories</li> <li>Door-hinges</li> <li>2-parts/3-parts</li> <li>eld-on hinges</li> <li>ate hinges</li> <li>ecial hinges</li> <li>Spring loaded hinge</li> <li>Door closing springs</li> <li>Hinges</li> <li>Inlaid hinges</li> <li>Button-hinges</li> </ul>	
<ul> <li>Accessories</li> <li>Door-hinges</li> <li>2-parts/3-parts</li> <li>/eld-on hinges</li> <li>ate hinges</li> <li>Spring loaded hinge</li> <li>Door closing springs</li> <li>Hinges</li> <li>Inlaid hinges</li> <li>Button-hinges</li> </ul>	336
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<ul> <li>Door closing springs</li> <li>Hinges</li> <li>Inlaid hinges</li> <li>Button-hinges</li> </ul>	
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cessories	
■ Security bolts	364























#### Innovation: Triply stepless adjustable

3D aluminium door-hinges

- horizontal, vertical and door pressure stepless adjustable
- usable up to 150 kg. door weight
- right and left usable
- modern design
- high-quality surfaces
- invisible screwing
- ▶ Products, see page 308 and following

With the triply, stepless adjustment on the installed door, WSS enters a completely new market. There has never been something like this.

#### For right and left up to 100 kg. 2D aluminium door-hinges

- also on installed doors, the door pressure and the horizontal axis can be adjusted
- height adjustment by PVC compensation plate
- for leaf weights up to 100 kg
- right and left usable
- high-quality surfaces
- concealed screwing
- ▶ Products, from page 315

Usable for doors up to 100 kg leaf weight.





#### Stainless, and steel

Steel- and stainless steel door-hinges

- adjustable on installed door
- up to max. 350 kg. leaf weight
- with concealed screwing or to weld-on
- right and left usable
- ▶ Products, from page 336

These steel- and stainless steel hinges are suitable for extremely heavy doors with a certification for fire-/ smoke protection. The high-quality materials guarantee a very high durability.

#### **Specials**

Special hinges and special productions

- adjustable gate hinges up to 24 mm bolt-thickness also completely stainless steel
- Double action hinges, single- and double-sided
- Inlaid hinges
- Special hinges, according to your drawing
- ▶ Products, from page 356

We deliver special hinges corresponding to your drawing within a few days.

WSS



#### Frequently asked questions (FAQ)

#### ■ What is the general buckling load of door hinges ruled by?

The general buckling load is ruled by EN 1935. Depending on the application areas, the hinges are divided into 4 different usage classifications (light, medium, strong, very strong). Additional information you can find on pages 307, 314, 325 and 330.

#### ■ What is the purpose of distance bushes?

Distance bushes is a fixing accessory for outward opening doors. They prevent a compression of the door profile.

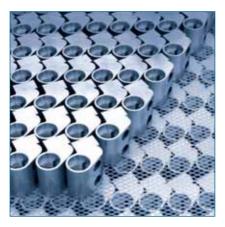


#### ■ What is a shadow flute?

The shadow flute is the visible, afloating flute between the blind- and the leaf frame. The width of that flute must be specified for orders of drilling jigs.

#### How can the correct quantity of hinges for a door be determined?

The quantity of hinges depends on noumerously factors like leafwidth, leaf weight, profile thickness, construction of the blind frame, door opening type, usage classification and hinge fixing. You can find more information on pages 307, 314, 325 and 330.



#### ■ What is the distance of the center

This measurement describes the distance between the screw-on face and the axis of a hinge.

#### ■ What is the axis dimension?

of rotation?

The axis dimension describes the horizontal fixing distance of a hinge.

#### ■ What is the advantage of an inlaid

Inlaid hinges are invisible, because they are completely concealed by the door profile.

#### ■ What is a secutity pin good for?

A security pin prevents a hinge-sided lift-up of the door.

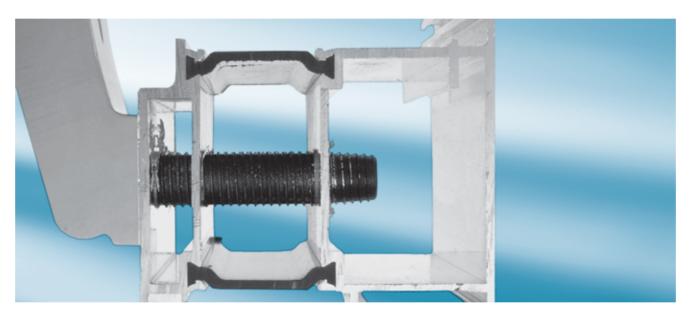


#### ■ What does maintenance-free mean concerning hinges?

Maintenance-free hinges do not have to be greased due to high-quality bearing bushes.



#### Simple installation to multi-chamber profiles



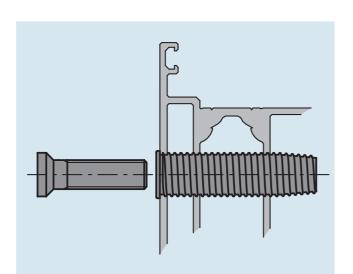
#### Self-threading screws for fixing of 3D aluminium door-hinges

Installation of 3D aluminium door-hinges is easier with this innovative fixing method.

Instead of fixing with plates as hitherto, you just screw self-threading screws with a Torx-key (T50) inside the holes of the profile drilled by you. The essential thread

becomes cut by the screw itself. Afterwards the hinge must be installed by a fixing screw to the profile.

This solution enables the repair and adjustment of already installed hinges. Also additional hinges can be installed to already installed doors. In short: The installation of hinges is easier and faster. You and your employees can use your time much more efficiently.



#### **Your benefits:**

- faster installation of hinges
- tighter fixing of hinges on aluminium profiles, also on exceptionally heavy doors
- easier adjustment and repairing
- additional hinges can be installed later

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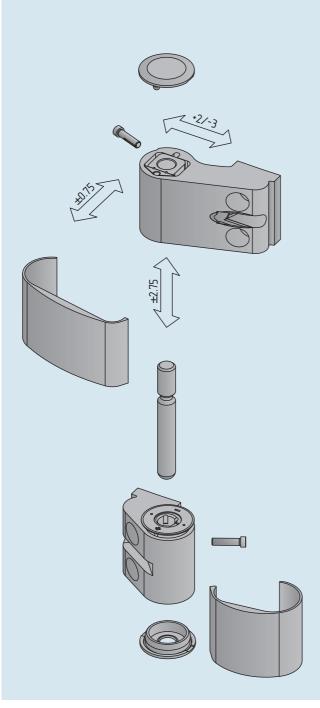
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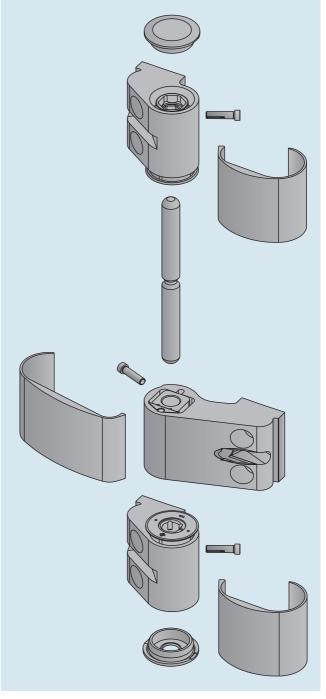
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# 3D aluminium hinges for light alloy doors (Distance of center of rotation 23/36 mm)

- Any adjustment possibilities can be carried out on already installed doors. (one-man operation)
- Stepless horizontal adjustment + 2/–3 mm
- Stepless vertical adjustment ± 2,75 mm
- Pressure adjustment ± 0,75 mm
- Right/left usable due to fast retrofitting







Aluminium door-hinge, 3-parts



#### General suggestions for hinge placement

■ 3D door hinges, distance of center of rotation 23/36 mm

Building	EFH*	EFH*	EFH*	EFH* MFH*	EFH* MFH*	EFH* MFH*	MFH*	MFH*	Public building School Hospital	Public building School Hospital	Public building School Hospital	Public building School Hospital
Accesso- ries	-	-	-	-	-	-		closer tic mode	-	-	Door coordi	closer nator device tic mode
Leaf width max. mm	1000	1001	-1250	1000	1001	-1250	1000	1001-1250	1000	1001-1250	1000	1001-1250
Leaf weight max. kg.	100	75	100	150	120	150	150	120	150	120	120	120
Recom- mended hinge- quantity	2 F		3 pcs.	2 p	ocs.	3 p	ocs.	3 pcs.		3 pcs.		4 pcs.
Leaf height min. 2000 / max. 2500 mm												

<sup>\*</sup>EFH = Detached house

The quantity of hinges depends on the following factors: profile system, leaf-width, leaf weight, profile thickness, construction of the blind frame, door opening type, usage classification and hinge fixing.

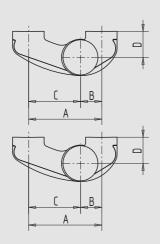
Please follow the guidelines and information of the profile system manufacturer to determine the allowed door sizes and door weights.

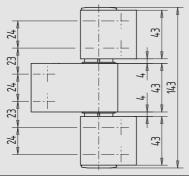
If there are any questions, please contact us.

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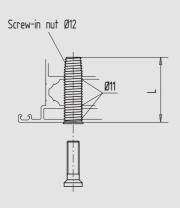
<sup>\*</sup>MFH = Apartment house

<sup>\*\*</sup> Additional hinge at leaf middle for leaf heights more than 2000 mm.





Α	В	С	D
65	19	46	23
78	19	59	23
92	46	46	23
105	46	59	23
65	19	46	36



#### 3D aluminium door-hinge

- stepless 3D-adjustable
- certified according to EN 1935
- right and left hand usable
- screwable/maintenance-free

#### 2-parts

(

Artno.	Center of rotation	Axis-center distance
04.050.2365	23	65
04.050.2378	23	78
04.050.2392	23	92
04.050.2315	23	105
04.050.3665	36	65
04.050.3678	36	78

#### 3-parts

Artno.	Center of rotation	Axis-center distance
04.052.2365	23	65
04.052.2378	23	78
04.052.2392	23	92
04.052.2315	23	105
04.052.3665	36	65
04.052.3678	36	78

Surface codes	Material/Surface	
114	Aluminium, E6/C-0 anodized	
154	Aluminium, E6/C-34 anodized	
198	Aluminium, Stainless Steel effect	
255	Aluminium, RAL 9016 powder-coated	
299	Aluminium, special surface	
Information	Without any further specifications, WSS supplies the 2- and 3-part hinges preassembled in right handed version with anchor-screw artno. 04.056.1043.012.	

#### **Anchor-screw**

- for multi-chamber-profiles
- to be screwed-in with Torx T50 bit or key
- fastening screw M8 x 30 mm

Artno.	L	Material/Surface
04.056.1043.012	43	Steel, yellow chromated
04.056.1050.012	50	Steel, yellow chromated
04.056.1050.405	50	Stainless Steel V2A, bright
04.056.1060.012	60	Steel, yellow chromated



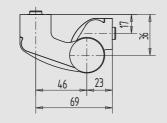


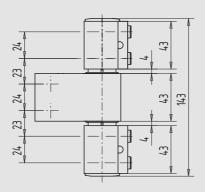
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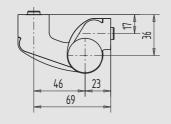
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### 3D aluminium door-hinge for corner post constructions

■ stepless 3D-adjustable

certified according to EN 1935

weight of leaf up to 150 kgs.

right and left hand usable

screwable/maintenance-free

#### 2-parts

Artno.	Center of rotation	Axis-center distance
04.106.3669	36	69

#### 3-parts

Artno.	Center of rotation	Axis-center distance
04.108.3669	36	69

Surface codes	Material/Surface
114	Aluminium, E6/C-0 anodized
154	Aluminium, E6/C-34 anodized
198	Aluminium, Stainless Steel effect
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface

Information

Without any further specifications, WSS supplies the hinges pre-assembled in right handed version and with the following standard-accessories:

- counter plates

Art.-no. 04.110.0020.780

- fastening screws Art.-no. 04.111.0000.012





#### for overlapping profiles for shimming of the hinge frame-parts frame-part required

Shim plate

fixing with anchor-screws = 1 shim plate for each hinge

■ two additional guiding bushes and screws M8x48 (Art.-No. K0045189) are required for fixing by counter plates

Artno.	Thickness t
04.109.0003	3 mm
04.109.0005	5 mm
04.109.0010	10 mm

Surface codes	Material/Surface
114	Aluminium, E6/C-0 anodized
154	Aluminium, E6/C-34 anodized
198	Aluminium, Stainless Steel effect
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface

#### Guiding bush for shim plate

■ fixing with counterplates = 2 additional guiding bushes required

Artno.	Measurement t	Material/Surface
04.109.0013.405		Stainless Steel V2A, bright
04.109.0015.405		Stainless Steel V2A, bright
04.109.0110.405		Stainless Steel V2A, bright

#### Counterplate

Artno.	Version	Dim.	Material/ Surface
04.110.0020.780	with spring	60x20x12	Zinc Die Casting, yellow chromated
04.110.0015.780	with spring	60x15x12	Zinc Die Casting, yellow chromated
04.110.6020.010	without spring	60x20x6	Steel, zinc-plated
04.110.6015.010	without spring	60x15x6	Steel, zinc-plated
04.110.1540.010	3 parts, without spring	154x20x6	Steel, zinc-plated
04.110.1545.010	3 parts, without spring	154x15x6	Steel, zinc-plated

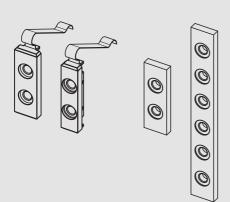
#### **Fastening screw**

Standard

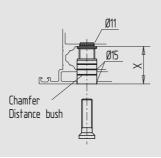
Artno.	Measurement	Material/Surface
04.111.0000.012	M8 x 30	Steel, yellow chromated

#### Distance bush with screw

Artno.	Quantity of chamfers	Х	Material/ Surface
04.111.0111.012	1	13 - < 16	Steel, yellow chromated
04.111.0120.012	2	16 - < 21	Steel, yellow chromated
04.111.0130.012	3	21 - < 30	Steel, yellow chromated
04.111.0140.012	4	30 - < 37	Steel, yellow chromated
04.111.0150.012	5	37 - < 44	Steel, yellow chromated
04.111.0160.012	6	44 - < 51	Steel, yellow chromated





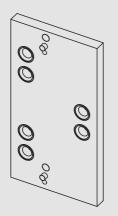






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# Drilling template for inward and outward opening doors

■ for shadow groove 5/6/8 mm

Artno.	Axis-center distance	Material/Surface	
04.112.0065.105	65	Aluminium, bright	
04.112.0078.105	78	Aluminium, bright	

# Drilling template for inward and outward opening doors

■ for shadow groove 5/6/8 mm

Artno.	Axis-center distance	Material/Surface
04.112.0092.105	92	Aluminium, bright
04.112.0105.105	105	Aluminium, bright

# Drilling template for corner post construction

Artno.	Shadow flute	Material/Surface
04.112.0005.105	5	Aluminium, bright
04.112.0006.105	6	Aluminium, bright
04.112.0008.105	8	Aluminium, bright

Accessories	for inward opening doors: drill artno. 04.116.0020.005 or artno. 04.116.0021.005
	for outward opening doors: drill artno. 04.116.0020.005 or artno. 04.116.0021.005 pilot counter sink artno. 04.117.0030.005 or artno. 04.117.0031.005



#### Tool for installation/adjustment

Artno.	Description	Material/ Surface
04.115.0001.705	Adaption SW 10/14	Zinc Die Casting, raw
04.115.0010.005	Inner hexagonal key SW2.5	Steel, bright
04.115.0011.005	Inner hexagonal key SW5	Steel, bright

#### Drill

Artno.	Description	Material/ Surface
04.116.0020.005	Drill 11	Steel, bright
04.116.0021.005	Step drill 5 to 11	Steel, bright
04.116.0022.005	Step drill 11 to 15	Steel, bright

#### Spot facer

Artno.	Description	Material/ Surface
04.117.0030.005	Spotfacer 11, 45 to 15 mm	Steel, bright
04.117.0031.005	Spotfacer 11, 8 to 15 mm	Steel, bright

#### **Auxiliary tools**

Artno.	Description
04.118.0040.000	Screwdriver for distance bush
04.118.0041.000	Installation bar for insertion of counter-plate

#### Torx Bit TX 50

■ TX 50 x 35 mm

Artno.	Material/Surface
04.119.0050.005	Steel, bright

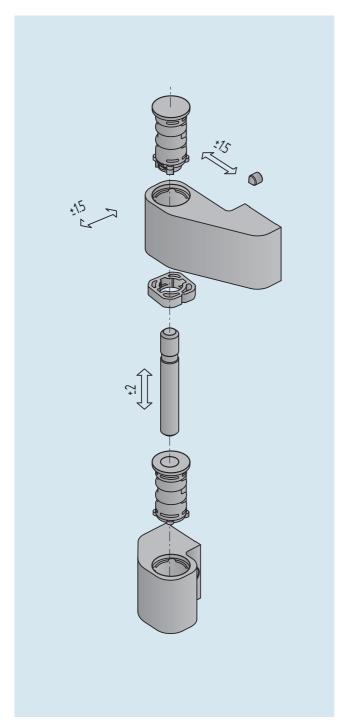




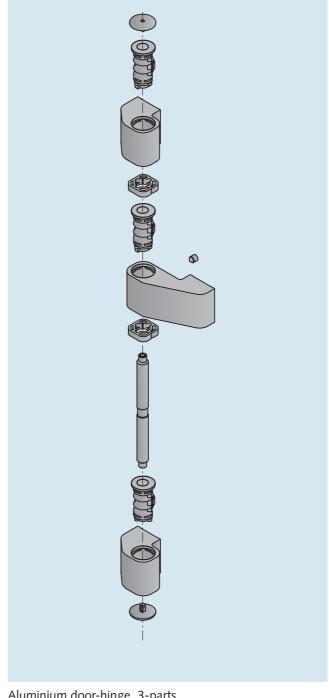


#### 2D aluminium door-hinges for light alloy doors (distance of center of rotation 25/36 mm)

- Adjustment by excentric bush ± 1,5 mm
- Adjustment of shadow flute and pressure without lift-out of door
- Height adjustment by compensation plates
- Right/left usable due to fast backfitting



Aluminium door-hinge, 2-parts



Aluminium door-hinge, 3-parts



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#### General suggestions for hinge placement

■ 2D aluminium door-hinges, distance of center of rotation 25/36 mm

Building	EFH*	EFH*	EFH* MFH*	EFH* MFH*	MF	:H*	Public building School Hospital	Public building School Hospital	Public building School Hospital	Public building School Hospital
Accesso- ries	-	-	-	-		closer tic mode	-	-	Door Door coordi Automa	nator device
FB max. mm	1000	1001-1250	1000	1001-1250	1000	1001-1250	1000	1001-1250	1000	1001-1250
Leaf weight max. kg.	75	75	100	100	100	80	100	80	80	80
Recom- mended hinge- quantity	2 pcs.	3 pcs.	2 pcs.	3 P	ocs.	3 pcs.		3 pcs.		4 pcs.
Leaf height min. 2000 / max. 2500 mm	**	**	**	* * *		**************************************		** 200 mm		

<sup>\*</sup>EFH = Detached house

The quantity of hinges depends on the following factors:profile system, leaf-width, leaf weight, profile thickness, construction of the blind frame, door opening type, usage classification and hinge fixing.

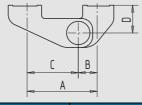
Please follow the guidelines and information of the profile system manufacturer to determine the allowed door sizes and door weights.

If there are any questions, please contact us.

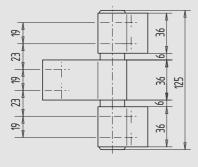
<sup>\*</sup>MFH = Apartment house

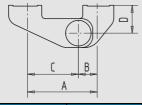
<sup>\*\*</sup> Additional hinge at leaf middle for leaf heights more than 2000 mm.

# 36 6 36



Α	В	С	D
63	17	46	25
63	17	46	36
78	17	61	25
78	17	61	36
92	46	46	25
92	46	46	36





Α	В	С	D
63	17	46	25
63	17	46	36
78	17	61	25
78	17	61	36
92	46	46	25
92	46	46	36

#### 2D aluminium door-hinge

- stepless 2D-adjustable
- right and left hand usable
- screwable/maintenance-free

#### 2-parts

Artno.	Center of rotation	Axis-center distance
04.150.2563	25	63
04.150.2578	25	78
04.150.2592	25	92
04.150.3663	36	63
04.150.3678	36	78
04.150.3692	36	92

#### 3-parts

Artno.	Center of rotation	Axis-center distance
04.152.2563	25	63
04.152.2578	25	78
04.152.2592	25	92
04.152.3663	36	63
04.152.3678	36	78
04.152.3692	36	92

Surface codes	Material/Surface
114	Aluminium, E6/C-0 anodized
154	Aluminium, E6/C-34 anodized
198	Aluminium, Stainless Steel effect
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface

Information	Without any further specifications, WSS supplies the hinges pre-assembled in right handed version and with the following standard-accessories: - counter plates Artno. 04.180.0300.705 - fastening screws Artno. 04.170.0017.010
C	D   C     .   .
Special	Door hinges also available for profiles with section measurement.





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# 2D aluminium door-hinge for corner post constructions

- stepless 2D-adjustable
- weight of leaf up to 100 kgs.
- right and left hand usable
- screwable/maintenance-free

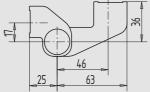
#### 2-parts

Artno.	Center of rotation	Axis-center distance	Material/Surface
04.154.3671.114	36	71	Aluminium, E6/C-0 anodized
04.154.3671.154	36	71	Aluminium, E6/C-34 anodized
04.154.3671.198	36	71	Aluminium, Stainless Steel effect
04.154.3671.255	36	71	Aluminium, RAL 9016 powder-coated
04.154.3671.299	36	71	Aluminium, special surface

#### 3-parts

Artno.	Center of rotation	Axis-center distance	Material/Surface
04.156.3671.114	36	71	Aluminium, E6/C-0 anodized
04.156.3671.154	36	71	Aluminium, E6/C-34 anodized
04.156.3671.198	36	71	Aluminium, Stainless Steel effect
04.156.3671.255	36	71	Aluminium, RAL 9016 powder-coated
04.156.3671.299	36	71	Aluminium, special surface

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Information

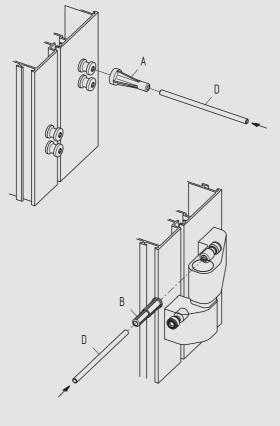
Without any further specifications, WSS supplies the hinges pre-assembled in right handed version and with the following standard-accessories:

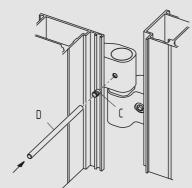
- counter plates
- Art.-no. 04.180.0300.705
- fastening screws
- Art.-no. 04.170.0017.010











# Security-set for 2D aluminium door-hinge, 2-parts

#### with:

- 2 magazine cases (A) with 4 pre-assembled mill-plugs for securing of fastening screws
- 1 magazine case (B) with 4 pre-assembled balls for securing of clamp screws
- 2 mill pins (C) for securing of hinge-pin
- 1 assembling pin (D) for hammering of fuses (for 2 aluminium door-hinges)

#### Art.-no.

04.160.0002.000

# Security-set for 2D aluminium door-hinge, 3-parts

#### with:

- 3 magazine cases (A) with 4 pre-assembled mill-plugs for securing of fastening screws
- 2 magazine cases (B) with 4 pre-assembled balls for securing of clamp screws
- 2 mill pins (C) for securing of hinge-pin
- 1 assembling pin (D) for hammering of fuses (for 2 aluminium door-hinges)

#### Art.-no.

04.161.0003.000

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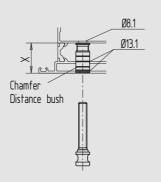
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#### Fastening screw

- standard
- thread-length = 17 mm

Artno.	Material/Surface
04.170.0017.010	Steel, zinc-plated

#### Distance bush

- with screw
- for outside fastening

Artno.	Quantity of chamfers	x	Material/Surface
04.172.1316.010	1	13 - < 16	Steel, zinc-plated
04.172.1623.010	2	16 - < 23	Steel, zinc-plated
04.172.2330.010	3	23 - < 30	Steel, zinc-plated
04.172.3037.010	4	30 - < 37	Steel, zinc-plated
04.172.3744.010	5	37 - < 44	Steel, zinc-plated
04.172.4451.010	6	44 - < 51	Steel, zinc-plated

#### **Counter plate**

centric fastening holes

Artno.	Admeasurement	Material/Surface	
04.174.0100.010	60 x 20 x 6	Steel, zinc-plated	

#### **Counter plate**

excentric fastening holes

Artno.	Admeasurement	Material/Surface	
04.176.0200.010	60 x 20 x 6	Steel, zinc-plated	

#### Counter plate with spring

centric fastening holes

Artno.	Admeasurement	Material/Surface	
04.180.0300.705	60 x 20 x 12	Zinc Die Casting, raw	

#### Counter plate with spring

excentric fastening holes

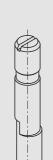
	· ·		
Artno.	Admeasurement	Material/Surface	
04.182.0400.705	60 x 20 x 12	Zinc Die Casting, raw	















#### **PVC** compensation shim

- for height-adjustment
- replaceable against adjustment plate, 6 mm thickness

Artno.	Dicke	Version	Material/ Surface
04.200.0400.565	4	to leaf sunk	PVC, black
04.200.0500.565	5	to leaf sunk	PVC, black
04.200.0600.565	6	Standard-equipment	PVC, black
04.200.0700.565	7	to leaf lift	PVC, black
04.200.0800.565	8	to leaf lift	PVC, black

#### **Excentric pin**

■ 1 mm displaced axis

Artno.	Material/Surface	
04.202.0100.405	Stainless Steel V2A, bright	
Information	For further adjustment of shadow flute and pressure of 2-part door-hinge.	

#### Fastening unit

■ for belated hinge installation to already built-in doors

Artno.	Material/Surface
04.204.0100.010	Steel, zinc-plated
04.204.0100.405	Stainless Steel V2A, bright

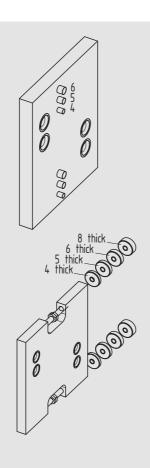
#### Reinforce plate

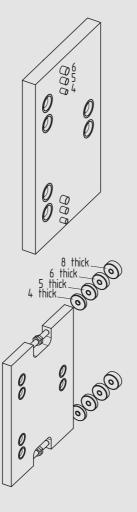
- for 2- and 3-part hinges
- for profile reinforcement

Artno.	Material/Surface
04.206.0145.010	Steel, zinc-plated









# Drilling template, for 2-part hinges

for inward and outward opening doors

Artno.	Axis-center distance	Shadow flute	Material/Surface
04.210.0263.105	63	4/5/6	Aluminium, bright
04.210.0278.105	78	4/5/6	Aluminium, bright
04.210.4292.105	92	4/5/6/8	Aluminium, bright

### Drilling template, for 3-part hinges

for inward and outward opening doors

Artno.	Axis-center distance	Shadow flute	Material/Surface
04.212.0363.105	63	4/5/6	Aluminium, bright
04.212.0378.105	78	4/5/6	Aluminium, bright
04.212.4392.105	92	4/5/6/8	Aluminium, bright

Accessories

for inward opening doors: drill art.-no. 04.228.0050.005

for outward opening doors: drill art.-no. 04.228.0050.005

drill art.-no. 04.228.0050.005 pilot counter sink art.-no. 04.230.0060.005

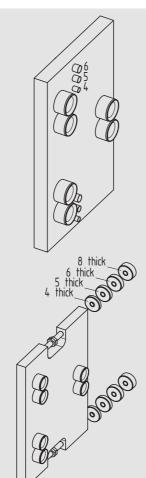


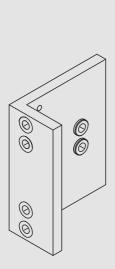




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# Drilling template, for 2- and 3-part hinges

for outward opening doors

Artno.	Axis-center distance	Shadow flute	Material/Surface
04.214.0363.105	63	4/5/6	Aluminium, bright
04.214.0378.105	78	4/5/6	Aluminium, bright
04.214.4392.105	92	4	Aluminium, bright
04.214.5392.105	92	5	Aluminium, bright
04.214.6392.105	92	6	Aluminium, bright
04.214.8392.105	92	8	Aluminium, bright
Accessories	for outward opening doors: drill artno. 04.232.0070.005		

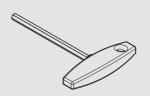
#### Drilling template for corner post construction

■ for 2- and 3-part door-hinges

Artno.	Material/Surface	
04.216.0100.105	Aluminium, bright	
Accessories	for inward opening doors: drill artno. 04.228.0050.005 for outward opening doors: drill artno. 04.228.0050.005 pilot counter sink artno. 04.230.0060.005	

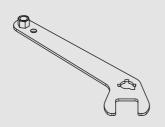


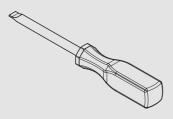














#### Inbus SW 6

for fastening of clamp screw

Art.-no.

04.220.0010.000

#### Inbus SW 3

for fastening of hinge axis

Artno.	Material/Surface
04.222.0020.005	Steel, bright

#### Inbus SW 5

for tightening of fastening screw

Artno.	Material/Surface
04.115.0011.005	Steel, bright

#### Adjustment key

■ for hinge-adjustment

Art.-no.

04.224.0030.000

#### Screw driver

 for length adjustment of distance bushes for outside fastening

Art.-no.

04.226.0040.000

#### Drill Ø 8,1

■ for drillig templates, inward/outward

Artno.	Material/Surface
04.228.0050.005	Steel, bright





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#### Spot facer Ø 8,1 auf 13,1

- with pin Ø 8,1, 47 mm long
- for outward opening doors with distance bushes

Artno.	Material/Surface
04.230.0060.005	Steel, bright

#### Step drill Ø 8,1 auf 13,1

 for outward opening doors with distance bushes (only one work-step necessary)

Artno.	Material/Surface
04.232.0070.005	Steel, bright

#### Assembling stick

for insertion of counter plates

Artno.		
04.118.0041.000		





WSS



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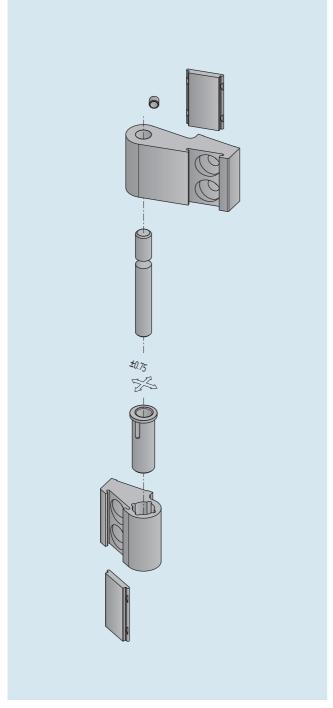
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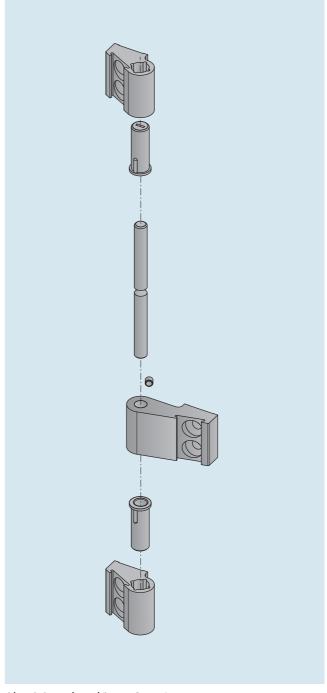
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# 2D aluminium hinges for light alloy doors (Distance of center of rotation 18 mm)

- Adjustment by excentric bush ± 0,75 mm
- low center of rotation = 18 mm
- Right/left usable due to fast backfitting







Aluminium door-hinge, 3-parts



# General suggestions for hinge placement

■ 2D aluminium door-hinges, distance of center of rotation 18 mm

Leaf weight max. kg.  Recommended hinge-quantity  2 pcs. 3	Building	EFH*	EFH*	EFH* MFH*	EFH* MFH*	MI	FH*	Public building School Hospital	Public building School Hospital	Public building School Hospital	Public building School Hospital
Leaf weight max. kg.   75   75   100   100   100   100   80   100   80   8		-	-	-	_			-	-	Door coord	inator device
weight max. kg.         75         75         100         100         100         80         100         80         80           Recommended hingequantity         2 pcs.         3 pcs.		1000	1001-1250	1000	1001-1250	1000	1001-1250	1000	1001-1250	1000	1001-1250
mended hinge-quantity  Unique to the second of the second	weight	75	75	100	100	100	80	100	80	80	80
	mended hinge-			2 pcs.	3 t	ocs.	3 pcs.		3 pcs.		4 pcs.
reat hei	Leaf height min. 2000 / max. 2500 mm	**		**							

<sup>\*</sup>EFH = Detached house

The quantity of hinges depends on the following factors:profile system, leaf-width, leaf weight, profile thickness, construction of the blind frame, door opening type, usage classification and hinge fixing.

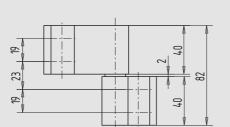
Please follow the guidelines and information of the profile system manufacturer to determine the allowed door sizes and door weights.

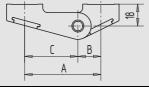
If there are any questions, please contact us.

<sup>\*</sup>MFH = Apartment house

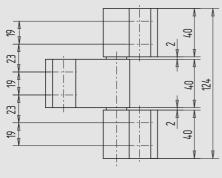
<sup>\*\*</sup> Additional hinge at leaf middle for leaf heights more than 2000 mm.

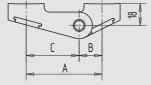






Α	В	С
63	19	44
88	44	44





Α	В	С
63	19	44
88	44	44

# Aluminium door-hinge

- Center of roration distance = 18 mm
- with covering slider
- right and left hand usable

### 2-parts

Artno.	Axis-center dis- tance	Material/Surface
04.250.1863.114	63	Aluminium, E6/C-0 anodized
04.250.1863.154	63	Aluminium, E6/C-34 anodized
04.250.1863.198	63	Aluminium, Stainless Steel effect
04.250.1863.255	63	Aluminium, RAL 9016 powder- coated
04.250.1863.299	63	Aluminium, special surface
04.250.1888.114	88	Aluminium, E6/C-0 anodized
04.250.1888.154	88	Aluminium, E6/C-34 anodized
04.250.1888.198	88	Aluminium, Stainless Steel effect
04.250.1888.255	88	Aluminium, RAL 9016 powder- coated
04.250.1888.299	88	Aluminium, special surface

### 3-parts

Artno.	Axis-center dis- tance	Material/Surface
04.252.1863.114	63	Aluminium, E6/C-0 anodized
04.252.1863.154	63	Aluminium, E6/C-34 anodized
04.252.1863.198	63	Aluminium, Stainless Steel effect
04.252.1863.255	63	Aluminium, RAL 9016 powder- coated
04.252.1863.299	63	Aluminium, special surface
04.252.1888.114	88	Aluminium, E6/C-0 anodized
04.252.1888.154	88	Aluminium, E6/C-34 anodized
04.252.1888.198	88	Aluminium, Stainless Steel effect
04.252.1888.255	88	Aluminium, RAL 9016 powder- coated
04.252.1888.299	88	Aluminium, special surface

### Information

Without any further specifications, WSS supplies the hinges pre-assembled in right handed version and with the following standard-accessories:

- counter plates Art.-no. 04.180.0300.705
- fastening screws
- Art.-no. 04.254.0028.010

















## Fastening screw

Artno.	Measurement	Material/Surface	
04.254.0028.010	M8 x 28	Steel, zinc-plated	
04.254.0050.010	M8 x 50	Steel, zinc-plated	

### **Counter plate**

centric fastening holes

Artno.	Admeasurement	Material/Surface	
04.174.0100.010	60 x 20 x 6	Steel, zinc-plated	

### **Counter plate**

excentric fastening holes

Artno.	Admeasurement	Material/Surface	
04.176.0200.010	60 x 20 x 6	Steel, zinc-plated	

## Counter plate with spring

centric fastening holes

Artno.	Admeasurement	Material/Surface
04.180.0300.705	60 x 20 x 12	Zinc Die Casting, raw

### Counter plate with spring

excentric fastening holes

Artno.	Admeasurement	Material/Surface	
04.182.0400.705	60 x 20 x 12	Zinc Die Casting, raw	

### Inbus **SW 5**

for tightening of fastening screw

Artno.	Material/Surface
04.115.0011.005	Steel, bright

### Inbus **SW 3**

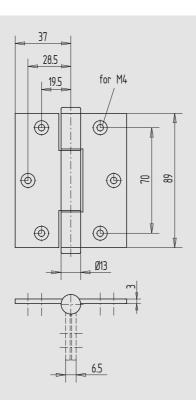
for fixing of hinge axis

Artno.	Material/Surface
04.222.0020.005	Steel, bright









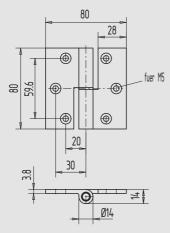
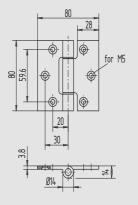


Illustration shows DIN right



### Aluminium-hinge

- 3-parts
- with stainless steel pin and nylon intermediate ring
- right and left hand usable

Artno.	Material/Surface
04.270.0089.114	Aluminium, E6/C-0 anodized
04.270.0089.154	Aluminium, E6/C-34 anodized
04.270.0089.255	Aluminium, RAL 9016 powder- coated
04.270.0089.299	Aluminium, special surface

### Aluminium-hinge

- 2-parts
- with stainless steel pin and nylon intermediate ring

Artno.	Direction	Material/Surface
04.272.0080.114	right hand	Aluminium, E6/C-0 anodized
04.272.0080.154	right hand	Aluminium, E6/C-34 anodized
04.272.0080.255	right hand	Aluminium, RAL 9016 powder- coated
04.272.0080.299	right hand	Aluminium, special surface
04.273.0080.114	left hand	Aluminium, E6/C-0 anodized
04.273.0080.154	left hand	Aluminium, E6/C-34 anodized
04.273.0080.255	left hand	Aluminium, RAL 9016 powder- coated
04.273.0080.299	left hand	Aluminium, special surface

# Aluminium-hinge

- 3-parts
- with stainless steel pin and nylon intermediate ring
- right and left hand usable

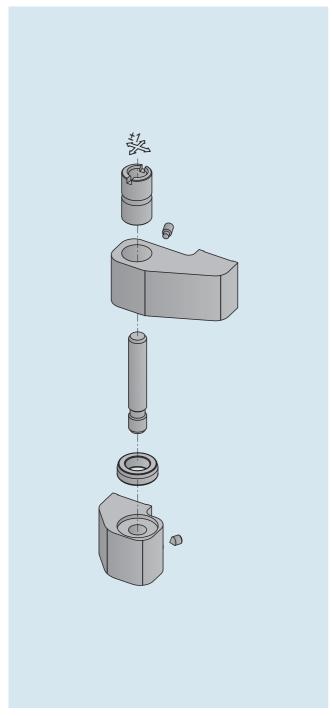
Artno.	Material/Surface
04.274.0080.114	Aluminium, E6/C-0 anodized
04.274.0080.154	Aluminium, E6/C-34 anodized
04.274.0080.255	Aluminium, RAL 9016 powder- coated
04.274.0080.299	Aluminium, special surface



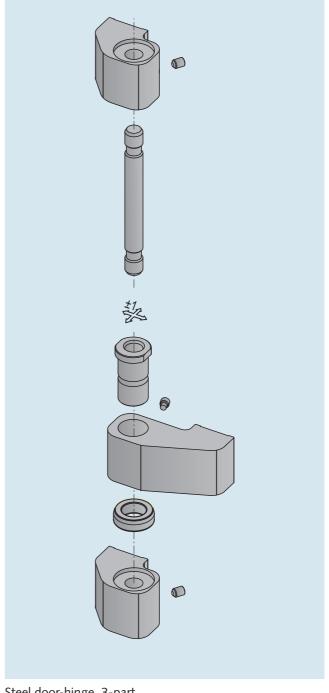


# Steel/Stainless steel door-hinges (Distance of center of rotation 25/36 mm)

- Adjustment by excentric bush ± 1 mm
- Adjustment of shadow flute and pressure without lift-out the door
- Right/left usable due to fast backfitting



Steel door-hinge, 2-part



Steel door-hinge, 3-part



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# General suggestions for hinge placement

- Steel door-hinges, distance of center of rotation 25/36 mm
- Stainless steel door-hinges, distance of center of rotation 25 mm

Building	EFH*	EFH*	EFH* MFH*	EFH* MFH*	MI	FH*	Public building School Hospital	Public building School Hospital	Public building School Hospital	Public building School Hospital
Accesso- ries	-	-	-	_		closer tic mode	-	-	Door coord	closer nator device tic mode
FB max. mm	1000	1001-1250	1000	1001-1250	1000	1001-1250	1000	1001-1250	1000	1001-1250
Leaf weight max. kg.	120	120	160	160	160	120	160	120	120	120
Recom- mended hinge- quantity	2 pcs.	3 pcs.	2 pcs.	3 t	ocs.	3 pcs.		3 pcs.		4 pcs.
Leaf height min. 2000 / max. 2500 mm	**		**					** 200 mm		
Leaf height min. 20										

\*EFH = Detached house \*MFH = Apartment house

The quantity of hinges depends on the following factors:profile system, leaf-width, leaf weight, profile thickness, construction of the blind frame, door opening type, usage classification and hinge fixing.

Please follow the guidelines and information of the profile system manufacturer to determine the allowed door sizes and door weights.

If there are any questions, please contact us.

<sup>\*\*</sup> Additional hinge at leaf middle for leaf heights more than 2000 mm.

# General suggestions for hinge placement

- Heavy-load door-hinges, distance of center of rotation 25/36 mm
- Heavy-load stainless steel door-hinges, distance of center of rotation 25 mm

Building	EFH* MFH*	EFH* MFH*	MF	:H*	Public building School Hospital	Public building School Hospital	Public building School Hospital	Public building School Hospital
Accesso- ries	-	-		Door closer Automatic mode		– Door coordi		closer nator device tic mode
FB max. mm	1000	1001-1250	1000	1001-1250	1000	1001-1250	1000	1001-1250
Leaf weight max. kg.	350	350	350	260	350	260	260	260
Recom- mended hinge- quantity	2 pcs.	3 p	ocs.	3 pcs.		3 pcs.		4 pcs.
Leaf height min. 2000 / max. 2500 mm	**					** 200 mm		

<sup>\*</sup>EFH = Detached house

The quantity of hinges depends on the following factors:profile system, leaf-width, leaf weight, profile thickness, construction of the blind frame, door opening type, usage classification and hinge fixing.

Please follow the guidelines and information of the profile system manufacturer to determine the allowed door sizes and door weights.

If there are any questions, please contact us.

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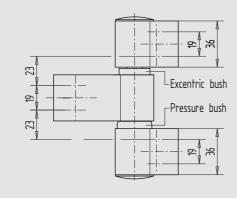
<sup>\*</sup>MFH = Apartment house

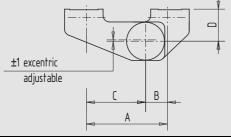
<sup>\*\*</sup> Additional hinge at leaf middle for leaf heights more than 2000 mm.

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# Pressure bush ±1 excentric adjustable

Α	В	С	D
63	17	46	25
63	17	46	36
92	46	46	25
92	46	46	36





Α	В	С	D
63	17	46	25
63	17	46	36
92	46	46	25
92	46	46	36

# Steel door-hinge

- with fastening material
- right and left hand usable
- MPA-controlled
- adjustable by excentric bush

### 2-parts



Artno.	Center of rota- tion	Axis-center distance	
04.300.2563.010	25	63	
04.300.2563.055	25	63	
04.300.2563.099	25	63	
04.300.2592.010	25	92	
04.300.2592.055	25	92	
04.300.2592.099	25	92	
04.300.3663.010	36	63	
04.300.3663.055	36	63	
04.300.3663.099	36	63	
04.300.3692.010	36	92	
04.300.3692.055	36	92	
04.300.3692.099	36	92	

# 3-parts



Artno.	Center of rota- tion	Axis-center dis- tance	
04.302.2563	25	63	
04.302.2592	25	92	
04.302.3663	36	63	
04.302.3692	36	92	

Surface codes	Material/Surface
010	Steel, zinc-plated
055	Steel, RAL 9016 powder-coated
099	Steel, special surface

Information	Without any further specifications, WSS supplies the hinges pre-assembled in right handed version and with the following standard-accessories: - counter plates Artno. 04.350.6030.010 - fastening screws Artno. 04.345.0025.010
Special	Door hinges also available for profiles

with section measurement.







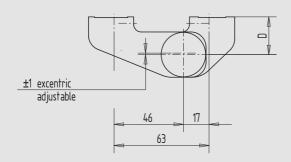


Illustration shows DIN right

# Heavy-duty steel door-hinge, 3-parts

- with fastening accessories
- with maintenance-free foil bearing made from teflon-stainless steel webbing
- with height-adjustment
- adjustable by excentric bush

Artno.	Direction	Center of rotation	Axis-center distance
04.306.2563	right hand	25	63
04.306.3663	right hand	36	63
04.307.2563	left hand	25	63
04.307.3663	left hand	36	63

Surface codes	Material/Surface
010	Steel, zinc-plated
055	Steel, RAL 9016 powder-coated
099	Steel, special surface

Information:	Without any further specifications, WSS supplies the hinges pre-assembled in right handed version and with the following standard-accessories: - counter plates Artno. 04.350.6030.010 - fastening screws Artno. 04.345.0025.010
Information	Light alloy cover plates cannot be used
illolliation	due to height adjustment.

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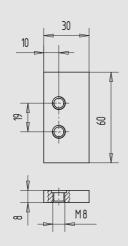
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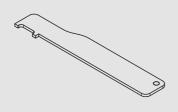
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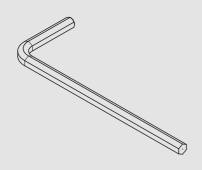
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### Fastening screw

- standard
- 25 mm long

Artno.	Material/Surface
04.345.0025.010	Steel, zinc-plated

# Counter plate

Artno.	Material/Surface
04.350.6030.010	Steel, zinc-plated

# Adjustment key

■ for hinge-adjustment

Artno.	Material/Surface
04.355.0000.405	Stainless Steel V2A, bright

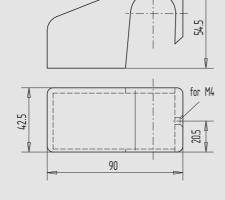
# Internal hexagon key

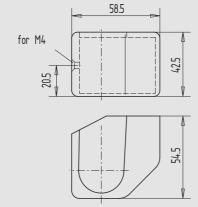
■ for height-adjustment of heavy load steel door-hinges

Artno.	Material/Surface
04.356.0000.005	Steel, bright









# Aluminium cover-plate, 2-parts

■ for steel door-hinges with 36 mm center of rotation

Artno.	Direction	Material/Surface
04.360.0042.105	right hand	Aluminium, bright
04.360.0042.230	right hand	Aluminium, silver powder-coated
04.360.0042.255	right hand	Aluminium, RAL 9016 powder- coated
04.360.0042.299	right hand	Aluminium, special surface
04.361.0042.105	left hand	Aluminium, bright
04.361.0042.230	left hand	Aluminium, silver powder-coated
04.361.0042.255	left hand	Aluminium, RAL 9016 powder- coated
04.361.0042.299	left hand	Aluminium, special surface

# Aluminium cover-plate, 3-parts

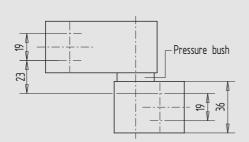
- for steel door-hinges with 36 mm center of rotation
- right and left hand usable

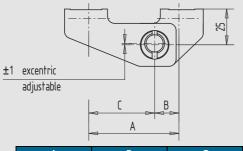
Artno.	Material/Surface
04.362.0042.105	Aluminium, bright
04.362.0042.230	Aluminium, silver powder-coated
04.362.0042.255	Aluminium, RAL 9016 powder- coated
04.362.0042.299	Aluminium, special surface



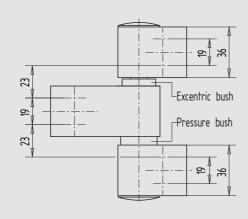


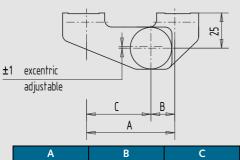






Α	В	С
63	17	46
92	46	46





Α	В	С
63	17	46
92	46	46

### Stainless steel door-hinge

- with fastening material
- right and left hand usable
- MPA-controlled
- adjustable by excentric bush

### 2-parts



Artno.	Center of rotation	Axis-center distance	Material/Surface
04.400.2563.405	25	63	Stainless Steel V2A, bright
04.400.2563.426	25	63	Stainless Steel V2A, matt brushed
04.400.2592.405	25	92	Stainless Steel V2A, bright
04.400.2592.426	25	92	Stainless Steel V2A, matt brushed

## 3-parts



Artno.	Center of rotation	Axis-center distance	Material/Surface
04.402.2563.405	25	63	Stainless Steel V2A, bright
04.402.2563.426	25	63	Stainless Steel V2A, matt brushed
04.402.2592.405	25	92	Stainless Steel V2A, bright
04.402.2592.426	25	92	Stainless Steel V2A, matt brushed

### Information

Without any further specifications, WSS supplies the hinges pre-assembled in right handed version and with the following standard-accessories:

- counter plates
- Art.-no. 04.420.6030.405 fastening screws
- Art.-no. 04.415.0025.405







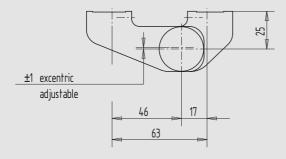


Illustration shows DIN right

# Heavy-duty stainless steel door-hinge, 3-parts

- with fastening accessories
- with maintenance-free foil bearing made from teflon-stainless steel webbing
- with height-adjustment
- adjustable by excentric bush

Artno.	Direction	Center of rotation	Axis-center distance	Material/Sur- face
04.404.2563.405	right hand	25	63	Stainless Steel V2A, bright
04.404.2563.426	right hand	25	63	Stainless Steel V2A, matt brushed
04.405.2563.405	left hand	25	63	Stainless Steel V2A, bright
04.405.2563.426	left hand	25	63	Stainless Steel V2A, matt brushed

Information	Without any further specifications, WSS
	supplies the hinges pre-assembled in
	right handed version and with the
	following standard-accessories:
	- counter plates
	Artno. 04.420.6030.405
	- fastening screws
	Artno. 04.415.0025.405

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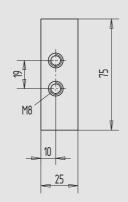
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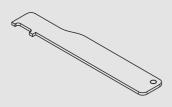
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### Fastening screw

- standard
- 25 mm long

Artno.	Material/Surface
04.415.0025.405	Stainless Steel V2A, bright

# Counter plate

Artno.	Material/Surface
04.420.6030.405	Stainless Steel V2A, bright

# Adjustment key

■ for hinge-adjustment

Artno.	Material/Surface
04.355.0000.405	Stainless Steel V2A, bright

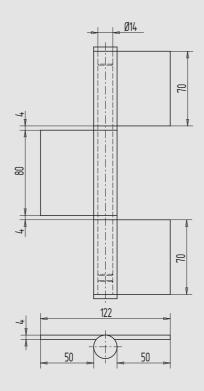
### Inbus

■ for height-adjustment of heavy load steel door-hinges

Artno.	Material/Surface
04.356.0000.005	Steel, bright







# Stainless steel construction hinge

- all parts loose
- right and left hand usable
- with stainless steel intermediate ring

# 2-parts

Artno.	Material/Surface
04.450.0184.405	Stainless Steel V2A, bright
04.450.0184.426	Stainless Steel V2A, matt brushed

### 3-parts

Artno.	Material/Surface
04.451.0228.405	Stainless Steel V2A, bright
04.451.0228.426	Stainless Steel V2A, matt brushed

Information

For stainless steel hinges and special hinges we kindly ask for inquiries with detailled drawings and quantity specifications.

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# Stainless steel construction hinge, 2-parts

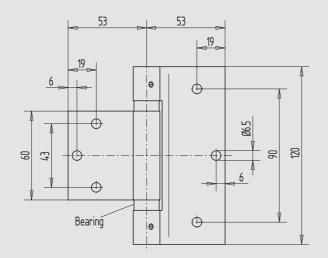
stainless steel matt brushed

Artno.	Height	Direction	Pin	Fastening holes
04.452.2100.426	100	right and left usable	bulk	with
04.452.2120.426	120	right and left usable	bulk	with
04.452.6100.426	100	right and left usable	bulk	without
04.452.6120.426	120	right and left usable	bulk	without

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Illustration shows DIN right

Α	В	Höhe
50	30	100
60	40	120



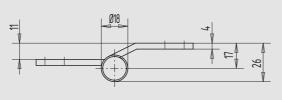


Illustration shows DIN right

# Stainless steel door-hinge, 3-parts

■ with bearing

Artno.	Direction	Material/Surface
04.470.0120.426	right hand	Stainless Steel V2A, matt brushed
04.471.1120.426	left hand	Stainless Steel V2A, matt brushed



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# Slide bearings

# Stainless steel door-hinge, 3-parts

■ right and left hand usable

Artno.	Material/Surface
04.472.0160.426	Stainless Steel V2A, matt brushed
Special	Lugs with screwing holes.

# Stainless steel door-hinge, 3-parts

■ right and left hand usable

Artno.	Material/Surface
04.473.0100.426	Stainless Steel V2A, matt brushed
Special	Lugs with screwing holes.





# Stainless steel door-hinge, 2-parts

- with oil-chamber-steel-ball
- stainless steel matt brushed

Artno.	A	В	Quantity of fasten- ing holes	Direction
04.474.0075.426	75	30,0	6	right hand
04.475.0075.426	75	30,0	6	left hand
04.474.0090.426	90	37,5	8	right hand
04.475.0090.426	90	37,5	8	left hand
04.474.0100.426	100	42,5	8	right hand
04.475.0100.426	100	42,5	8	left hand

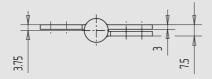


Illustration shows right handed version

# B



Illustration shows right handed version

# Stainless steel door-hinge, 2-parts

- with loose pin and oil-chamber-steel-ball
- stainless steel matt brushed

Artno.	Α	В	С	S	Z	Direction
04.476.0140.426	140	60	10	3	6	right and left usable
04.476.0160.426	160	60	10	3	6	right and left usable
04.476.2140.426	140	50	14	4	8	right and left usable
04.476.2160.426	160	60	14	4	8	right and left usable
04.476.0180.426	180	70	14	4	8	right and left usable
04.476.0200.426	200	80	14	4	8	right and left usable



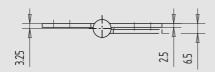
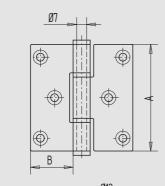


Illustration shows right handed version



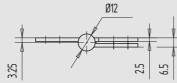
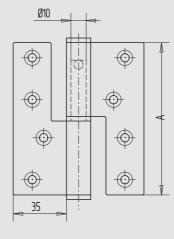


Illustration shows right handed version



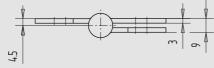


Illustration shows right handed version

# Stainless steel door-hinge, 2-parts

- with fixed pin and oil-chamber-steel-ball
- stainless steel matt brushed

Artno.	Α	В	Quantity of fastening holes	Direction
04.478.0075.426	75	29,0	6	right hand
04.479.0075.426	75	29,0	6	left hand
04.478.0090.426	90	36,5	8	right hand
04.479.0090.426	90	36,5	8	left hand
04.478.0100.426	100	40,0	8	right hand
04.479.0100.426	100	40,0	8	left hand

# Stainless steel door-hinge, 3-parts

- with loose pin and oil-chamber-steel-ball
- stainless steel matt brushed

Artno.	Α	В	Fastening holes	Direction
04.480.0075.426	75	29,0	with	right hand
04.481.0075.426	75	29,0	with	left hand
04.480.0090.426	90	36,5	with	right hand
04.481.0090.426	90	36,5	with	left hand
04.480.1075.426	75	29,0	without	right hand
04.481.1075.426	75	29,0	without	left hand
04.480.1090.426	90	36,5	without	right hand
04.481.1090.426	90	36,5	without	left hand

**Information** Also without screwing holes available.

# Stainless steel door-hinge, 2-parts

with screwing holes

Artno.	Α	Direction	Material/Surface
04.490.0100.426	100	right hand	Stainless Steel V2A, matt brushed
04.491.0100.426	100	left hand	Stainless Steel V2A, matt brushed
04.490.0120.426	120	right hand	Stainless Steel V2A, matt brushed
04.491.0120.426	120	left hand	Stainless Steel V2A, matt brushed
04.490.0140.426	140	right hand	Stainless Steel V2A, matt brushed
04.491.0140.426	140	left hand	Stainless Steel V2A, matt brushed
04.490.0160.426	160	right hand	Stainless Steel V2A, matt brushed
04.491.0160.426	160	left hand	Stainless Steel V2A, matt brushed



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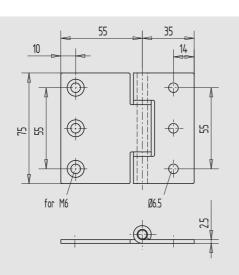
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# Stainless steel door-hinge, 3-parts

right and left hand usable

Artno.	Fastening holes	Material/Surface
04.494.0075.405	with	Stainless Steel V2A, bright
04.494.1075.405	without	Stainless Steel V2A, bright



# Construction hinge, 2-parts

- loose pinright and left hand usable

Artno.	Α	С	D	В
04.500.0140	140	13	3	50
04.500.0160	160	13	3	50
04.500.2160	160	16	4	50
04.500.3160	160	16	5	50
04.500.0180	180	14	4	50
04.500.1180	180	14	4	10
04.500.2180	180	16	4	50
04.500.3180	180	16	5	50
04.500.0200	200	16	5	50
04.500.1200	200	20	6	50

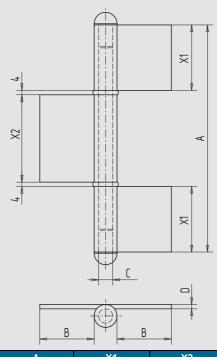
Surface codes	Material/Surface
005	Steel, bright
010	Steel, zinc-plated
405	Stainless Steel V2A, bright
426	Stainless Steel V2A, matt brushed
Special	Special hinges for fire-resistant doors acc. to DIN 18082 also available.

# Construction hinge, 3-parts

- loose pinright and left hand usable

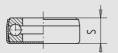
Artno.	Α	В	С	D
04.501.0200	200	50	12	4
04.501.0220	220	50	14	4
04.501.0240	240	50	16	4
04.501.1240	240	50	16	5
04.501.0260	260	50	16	5
04.501.1260	260	50	20	6
04.501.0300	300	50	20	6

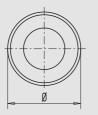
Surface codes	Material/Surface
005	Steel, bright
010	Steel, zinc-plated
405	Stainless Steel V2A, bright
426	Stainless Steel V2A, matt brushed

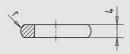


Α	X1	X2
200	60	80
220	70	80
240	70	100
240	70	100
260	80	100
260	80	100
300	90	120













# **Axial-bearing ring**

### axial

Artno.	for Ø-Pin	Ø	S	Load rating Stat. Kp	Material/ Surface
04.520.0013.010	13 mm	22	8	260	Steel, zinc-plated
04.520.1013.405	13 mm	22	8	195	Stainless Steel V2A, bright
04.520.0014.010	14 mm	25	8,5	300	Steel, zinc-plated
04.520.1014.405	14 mm	25	8,5	225	Stainless Steel V2A, bright
04.520.0016.010	16 mm	27	9	350	Steel, zinc-plated
04.520.1016.405	16 mm	27	9	260	Stainless Steel V2A, bright
04.520.0020.010	20 mm	33	10	600	Steel, zinc-plated
04.520.0022.010	22 mm	43	12	850	Steel, zinc-plated
04.520.0026.010	26 mm	43	12	850	Steel, zinc-plated

# Steel-/Brass intermediate ring

### rounded

Artno.	for Ø-Pin	Ø	Material/ Surface
04.521.0013.010	13 mm	21	Steel, zinc-plated
04.521.0013.305	13 mm	21	Brass, bright
04.521.0014.010	14 mm	22	Steel, zinc-plated
04.521.0014.305	14 mm	22	Brass, bright
04.521.0016.010	16 mm	29	Steel, zinc-plated
04.521.0016.305	16 mm	29	Brass, bright
04.521.0020.010	20 mm	34	Steel, zinc-plated
04.521.0020.305	20 mm	34	Brass, bright

# Brass intermediate ring

### stamped

Artno.	for Ø-Pin	Ø	S	Material/ Surface
04.522.0005.305	5 mm	8	1,5	Brass, bright
04.522.0006.305	6 mm	10	1,7	Brass, bright
04.522.0007.305	7 mm	13	1,8	Brass, bright
04.522.0008.305	8 mm	13	1,8	Brass, bright
04.522.0009.305	9 mm	16	2,2	Brass, bright
04.522.0010.305	10 mm	16	2,2	Brass, bright
04.522.0011.305	11 mm	20	2,2	Brass, bright
04.522.0012.305	12 mm	20	2,7	Brass, bright



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07	700	-\$		
<u>Ø20</u>				
version I				
version				

# Construction hinge for steel gates, 3-parts

- with grease nipple and oil groove
- with brass intermediate rings
- hinge roles welded

Artno.	Direction	Material/Surface	
04.530.0240.005	right hand	Steel, bright	
04.530.0240.010	right hand	Steel, zinc-plated	
04.531.0240.005	left hand	Steel, bright	
04.531.0240.010	left hand	Steel, zinc-plated	
Special	For high quantities also with dimensions 260/20/6 and 300/20/6 mm available.		

# Construction hinge, 3-parts

- with grease nipple and oil groove
- with brass intermediate rings
- right and left hand usable

Artno.	Length of lug	Version	Material/ Surface
04.540.0158.005	43	l	Steel, bright
04.540.0158.010	43	1	Steel, zinc-plated
04.540.1158.005	30	II	Steel, bright
04.540.1158.010	30	II	Steel, zinc-plated



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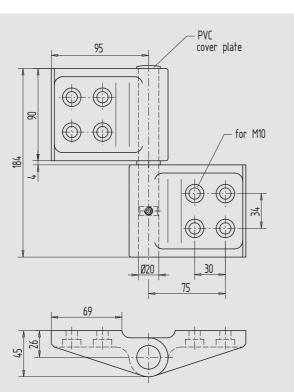
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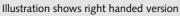
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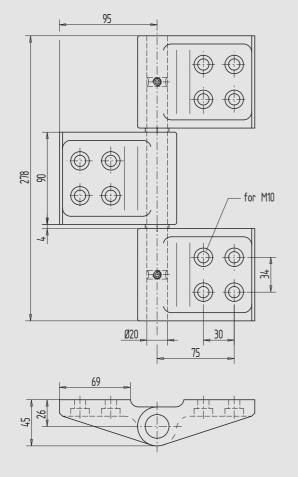
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# Construction hinge, 2-parts

- hinge lugs drop-forged
- self-greasing DU-bushes
- beared

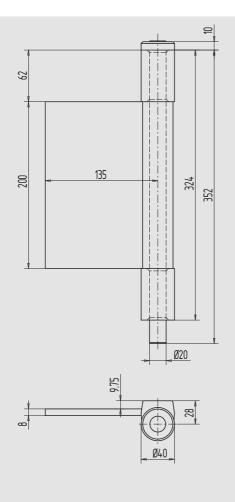
Artno.	Direction	Material/Surface
04.541.0164.005	right hand	Steel, bright
04.541.0164.010	right hand	Steel, zinc-plated
04.541.1164.005	left hand	Steel, bright
04.541.1164.010	left hand	Steel, zinc-plated

# Construction hinge, 3-parts

- hinge lugs drop-forged
- self-greasing bushes
- beared

Artno. M	aterial/Surface
<b>04.542.0280.005</b> St	eel, bright
<b>04.542.0280.010</b> St	eel, zinc-plated





## Construction hinge, 3-parts, heavy-duty version

- hinge bearing, on top and bottom drop-forged
- hinge lugs centric rolled

Artno.	Material/Surface
04.543.0362.005	Steel, bright
04.543.0362.010	Steel, zinc-plated

# Construction hinge, 3-parts, special heavy-duty version

- hinge bearing, top and bottom drop-forged
- hinge lugs centric rolled and additionally welded
- with special bearing and grease nipple
- max. load 600 kg. with 2 hinges and a leaf size of max. width 1470 x height 3200 mm

Artno.	Material/Surface
04.544.0362.005	Steel, bright
04.544.0362.010	Steel, zinc-plated

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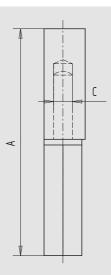
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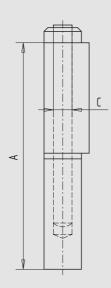
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# Weld-on hinge, 2-parts, fixed pin

- steel-profile material, blank
- top and bottom flush cut
- with brass intermediate ring

Artno.	Α	В	С	Pin
04.610.0045.005	45	9	5	Iron pin
04.610.1045.005	45	9	5	Brass pin
04.610.0060.005	60	10	5	Iron pin
04.610.1060.005	60	10	5	Brass pin
04.610.0080.005	80	13	7	Iron pin
04.610.1080.005	80	13	7	Brass pin
04.610.0100.005	100	16	9	Iron pin
04.610.1100.005	100	16	9	Brass pin
04.610.0120.005	120	16	9	Iron pin
04.610.1120.005	120	16	9	Brass pin
04.610.0140.005	140	20	11	Iron pin
04.610.1140.005	140	20	11	Brass pin
04.610.0160.005	160	20	12	Iron pin
04.610.1160.005	160	20	12	Brass pin
04.610.0180.005	180	22	14	Iron pin
04.610.1180.005	180	22	14	Brass pin

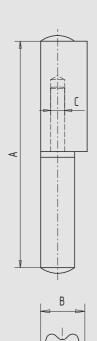
# Weld-on hinge, 2-parts, loose pin

- steel-profile material, blank
- top and bottom flush cut
- with brass intermediate ring

Artno.	Α	В	С	Pin
04.611.0045.005	45	9	5	Iron pin
04.611.1045.005	45	9	5	Brass pin
04.611.0060.005	60	10	5	Iron pin
04.611.1060.005	60	10	5	Brass pin
04.611.0080.005	80	13	7	Iron pin
04.611.1080.005	80	13	7	Brass pin
04.611.0100.005	100	16	9	Iron pin
04.611.1100.005	100	16	9	Brass pin
04.611.0120.005	120	16	9	Iron pin
04.611.1120.005	120	16	9	Brass pin
04.611.0140.005	140	20	11	Iron pin
04.611.1140.005	140	20	11	Brass pin
04.611.0160.005	160	20	12	Iron pin
04.611.1160.005	160	20	12	Brass pin
04.611.0180.005	180	22	14	Iron pin
04.611.1180.005	180	22	14	Brass pin







# Weld-on hinge, 2-parts, fixed pin

- steel-profile material, blank
- with sphrerical heads
- with brass intermediate ring

Artno.	Α	В	С	Pin
04.612.0045.005	45	9	5	Iron pin
04.612.1045.005	45	9	5	Brass pin
04.612.0060.005	60	10	6	Iron pin
04.612.1060.005	60	10	6	Brass pin
04.612.0080.005	80	13	8	Iron pin
04.612.1080.005	80	13	8	Brass pin
04.612.0100.005	100	16	9	Iron pin
04.612.1100.005	100	16	9	Brass pin
04.612.0120.005	120	16	11	Iron pin
04.612.1120.005	120	16	11	Brass pin
04.612.0140.005	140	20	12	Iron pin
04.612.1140.005	140	20	12	Brass pin
04.612.0160.005	160	20	12	Iron pin
04.612.1160.005	160	20	12	Brass pin
04.612.0180.005	180	20	14	Iron pin
04.612.1180.005	180	20	14	Brass pin

## Weld-on hinge, 2-parts

- steel-profile material, zinc-plated
- right and left hand usable

Artno.	Α	В	Version	
04.620.0080.010	80	12	MS-Ring (WB65)	
04.620.0130.010	130	17	MS-Ring (WB70)	
04.620.0135.010	135	17	Bearing (WB70V)	



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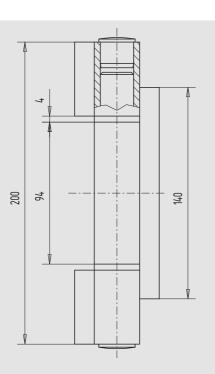
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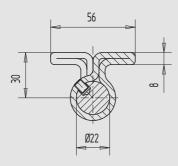
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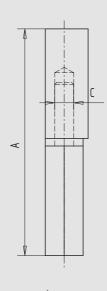
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# Weld-on hinge, 3-parts

- steel-profile material, zinc-plated
- with brass intermediate rings

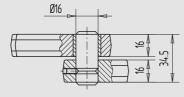
Artno.	Material/Surface
04.621.0200.010	Steel, zinc-plated

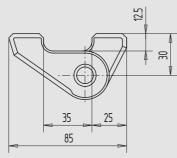
# Stainless steel weld-on hinge, 2-parts, fixed pin

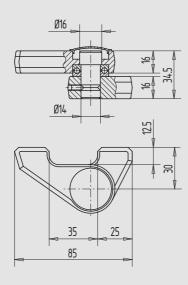
- profile material
- top and bottom flush cut

Artno.	Α	В	С	Material/ Surface
04.630.0060.405	60	10	5	Stainless Steel V2A, bright
04.630.0080.405	80	13	7	Stainless Steel V2A, bright
04.630.0100.405	100	16	9	Stainless Steel V2A, bright
04.630.0120.405	120	16	9	Stainless Steel V2A, bright
04.630.0150.405	150	20	13	Stainless Steel V2A, bright
04.630.0180.405	180	20	13	Stainless Steel V2A, bright









# Stainless steel weld-on hinge, 2-parts, fixed pin

- profile material
- with sphrerical heads

Artno.	Α	В	С	Material/ Surface
04.631.0060.405	60	10	6	Stainless Steel V2A, bright
04.631.0080.405	80	13	8	Stainless Steel V2A, bright
04.631.0100.405	100	16	10	Stainless Steel V2A, bright
04.631.0120.405	120	16	10	Stainless Steel V2A, bright
04.631.0150.405	150	20	13	Stainless Steel V2A, bright
04.631.0180.405	180	20	13	Stainless Steel V2A, bright

# Weld-on hinge, top

- with bronce bush
- right and left hand usable

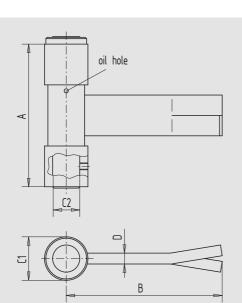
Artno.	Bolt	Material/Surface
04.650.0030.005	Steel blank	Steel, bright
04.650.0031.010	Steel zinc plated	Steel, zinc-plated
04.650.0032.005	Stainless steel	Steel, bright
04.650.0032.010	Stainless steel	Steel, zinc-plated

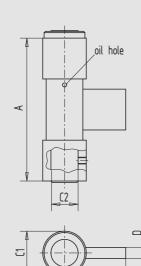
# Weld-on hinge, bottom

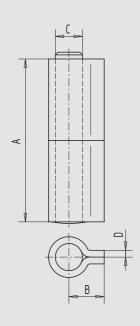
- with bearing
- right and left hand usable

Artno.	Material/Surface
04.651.0034.005	Steel, bright
04.651.0034.010	Steel, zinc-plated









# Weld-on hinge,

# 3-parts

- centric hinge with stone thole pin
- steel, zinc plated

Artno.	Α	В	C1	C2	D
04.670.0090	90	90	22	12	6
04.670.0095	95	105	27	15	8
04.670.0105	105	115	32	32	8

# Weld-on hinge,

# 3-parts

- centric hinge to weld-on
- steel, zinc plated

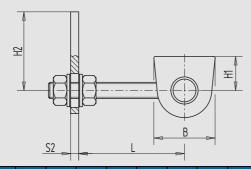
Artno.	Α	В	C1	C2	D
04.671.0090	90	30	22	12	6
04.671.0095	95	35	27	15	8
04.671.0105	105	45	32	20	8

## Weld-on hinge, 2-parts

steel, zinc plated

Artno.	Α	В	С	D
04.672.0080.010	80	24	16	5
04.672.0100.010	100	24	18	5
04.672.0120.010	120	26	20	5





	Α	В	С	D	<b>S1</b>	<b>S2</b>	L min.	L max.	H1	H2 min.
(1)	32	45	12	12	5	6	34	80	25	47
4	11	54	16	16	8	8	25	93	28	54
4	16	79	18	20	8	8	35	100	35	87
Ę	56	79	22	24	10	12	40	112	35	89

# Gate hinge

- adjustableto weld-on

Artno.	D	Material/Surface
04.700.0012.005	12	Steel, bright
04.700.0012.405	12	Stainless Steel V2A, bright
04.700.0016.005	16	Steel, bright
04.700.0016.405	16	Stainless Steel V2A, bright
04.700.0020.005	20	Steel, bright
04.700.0024.005	24	Steel, bright

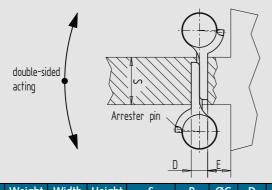
Information	Blank steel version: - post- and frame parts blank steel, - eye screw hot zinc dipped, - screw-nuts and U-plates zinc plated - bolt and splint stainless steel
	Blank stainless steel version (V2A): - all parts stainless steel

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# ABOVE 0 0



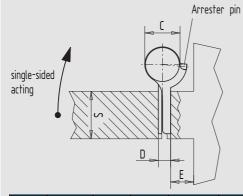
A	of door (kgs.)	of door	of door	,	В	ØC	ם	ш
75	15	610	1800	18 - 25	49	21	10	15
100	22	735	1900	25 - 30	55,5	21	10	15
125	27	735	2000	30 - 35	64,5	23	11	16
150	40	735	2500	35 - 40	74,5	26	12	17
175	55	860	2500	40 - 45	81,5	29	15	18
200	70	985	2600	45 - 50	90,5	33	17	20
250	100	985	2800	50 - 60	103,5	37	19	23
300	145	1235	3000	60 - 75	123	44	19	25

# Swing-door hinge, double-sided acting

Artno.	A	Material/ Surface
04.750.0075.010	75	Steel, zinc-plated
04.750.0075.426	75	Stainless Steel V2A, matt brushed
04.750.0100.010	100	Steel, zinc-plated
04.750.0100.426	100	Stainless Steel V2A, matt brushed
04.750.0125.010	125	Steel, zinc-plated
04.750.0125.426	125	Stainless Steel V2A, matt brushed
04.750.0150.010	150	Steel, zinc-plated
04.750.0150.426	150	Stainless Steel V2A, matt brushed
04.750.0175.010	175	Steel, zinc-plated
04.750.0175.426	175	Stainless Steel V2A, matt brushed
04.750.0200.010	200	Steel, zinc-plated
04.750.0200.426	200	Stainless Steel V2A, matt brushed
04.750.0250.010	250	Steel, zinc-plated
04.750.0250.426	250	Stainless Steel V2A, matt brushed
04.750.0300.010	300	Steel, zinc-plated
Information		also steel nickel plated, ssive brass polished or

nickel plated available.





Α	Weight of door (kgs.)	Width of door	Height of door	S	ØС	D	Е
75	15	610	1800	18 - 25	21	6	15
100	22	735	1900	25 - 30	21	6,5	15
125	27	735	2000	30 - 35	23	7	16
150	40	735	2500	35 - 40	26	8,5	17
175	55	860	2500	40 - 45	29	9	18
200	70	985	2600	45 - 50	33	9,5	20
250	100	985	2800	50 - 60	37	9,5	23
300	145	1235	3000	60 - 75	44	10,5	25

# Swing-door hinge, single-sided acting

Artno.	A	Material/ Surface
04.751.0075.010	75	Steel, zinc-plated
04.751.0075.426	75	Stainless Steel V2A, matt brushed
04.751.0100.010	100	Steel, zinc-plated
04.751.0100.426	100	Stainless Steel V2A, matt brushed
04.751.0125.010	125	Steel, zinc-plated
04.751.0125.426	125	Stainless Steel V2A, matt brushed
04.751.0150.010	150	Steel, zinc-plated
04.751.0150.426	150	Stainless Steel V2A, matt brushed
04.751.0175.010	175	Steel, zinc-plated
04.751.0175.426	175	Stainless Steel V2A, matt brushed
04.751.0200.010	200	Steel, zinc-plated
04.751.0200.426	200	Stainless Steel V2A, matt brushed
04.751.0250.010	250	Steel, zinc-plated
04.751.0250.426	250	Stainless Steel V2A, matt brushed
04.751.0300.010	300	Steel, zinc-plated
Information	Swing door hinge	also steel nickel plated,

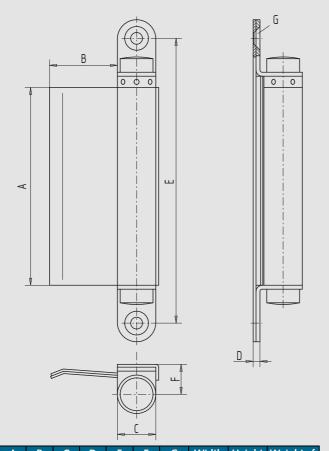
nformation	Swing door hinge also steel nickel plated,
	brass plated , massive brass polished or nickel plated available.



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# 0000

Illustration shows DIN right



Α	В	U	۵	Е	ш.	G			Weight of door max. (kgs.)
115	60	26	6	185	25	M 8	735	2500	40
152	60	30	8	232	25	M 8	860	2500	55
175	60	34	6	252	27	M10	986	2600	80

# Spring loaded hinge

- according to DIN 18262/Form A
- for door heights up to 1000 x 2000 mm
- for door weights up to 80 kg.
- single-side acting
- non-carrying

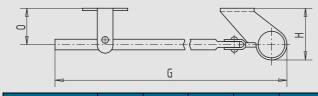
Artno.	Direction	Material/Surface
04.800.0180.005	right hand	Steel, bright
04.800.0180.010	right hand	Steel, zinc-plated
04.801.0180.005	left hand	Steel, bright
04.801.0180.010	left hand	Steel, zinc-plated

# Spring loaded hinge

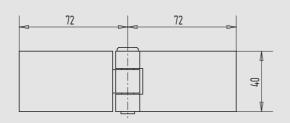
- to screw-on
- steel, zinc plated

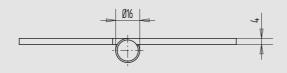
Artno.	Α	Material/Surface
04.804.0115.010	115	Steel, zinc-plated
04.804.0152.010	152	Steel, zinc-plated
04.804.0175.010	175	Steel, zinc-plated





	Size 1	Size 2	Size 3	Size 4	Size 5
Admeasurement A	86	108	130	150	170
Admeasurement B	6	7	8	7	11
Admeasurement C	65	75	99	115	127
Admeasurement D	23	27	34	42	59
Admeasurement E	10	11	12	16	14
Admeasurement F	8	9	10	12	13
Admeasurement G	approx. 255	approx. 255	approx. 345	approx. 390	approx. 490
Admeasurement H	36	40	46	56	64
Admeasurement I	approx. 155	approx. 155	approx. 235	approx. 260	approx. 360
Admeasurement J	34	34	34	42	42
Admeasurement K	22	22	22	28	28
Admeasurement L	3	3	3	3	3
Admeasurement M	12	12	12	14	14
Admeasurement N	8	8	8	9	11
Admeasurement O	33	33	33	45	45
Admeasurement P	4	4	4,5	5	5





# Door closing spring

- size 1 5
- right and left hand usable

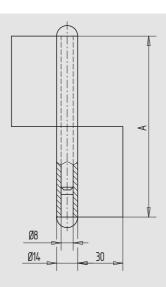
Artno.	Size	Weight of door (kgs.)	Material/Surface
04.810.0086.010	1	max. 25	Steel, zinc-plated
04.810.0108.010	2	max. 35	Steel, zinc-plated
04.810.0108.405	2	max. 35	Stainless Steel V2A, bright
04.810.0130.010	3	max. 50	Steel, zinc-plated
04.810.0130.405	3	max. 50	Stainless Steel V2A, bright
04.810.0150.010	4	max. 65	Steel, zinc-plated
04.810.0170.010	5	max. 75	Steel, zinc-plated

# Hinge, 3-parts

Artno.	Version	Material/Surface
04.830.0040.005	with brass pin	Steel, bright
04.830.0040.010	with brass pin	Steel, zinc-plated
04.830.0040.405	with stainless steel pin	Stainless Steel V2A, bright



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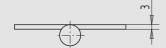
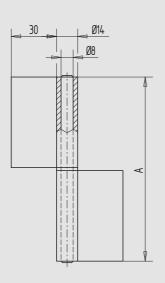
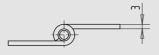
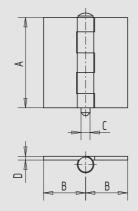


Illustration shows right handed version







# Hinge, 2-parts

### ■ with loose brass pin

Artno.	Α	Direction	Material/ Surface
04.850.0080.005	80	right hand	Steel, bright
04.850.0080.010	80	right hand	Steel, zinc-plated
04.850.0100.005	100	right hand	Steel, bright
04.850.0100.010	100	right hand	Steel, zinc-plated
04.850.0120.005	120	right hand	Steel, bright
04.850.0120.010	120	right hand	Steel, zinc-plated
04.851.1080.005	80	left hand	Steel, bright
04.851.1080.010	80	left hand	Steel, zinc-plated
04.851.1100.005	100	left hand	Steel, bright
04.851.1100.010	100	left hand	Steel, zinc-plated
04.851.1120.005	120	left hand	Steel, bright
04.851.1120.010	120	left hand	Steel, zinc-plated

# Hinge, 2-parts

- with loose brass pinright and left hand usable

· ·			
Artno.	Α	Material/Surface	
04.854.0082.005	82	Steel, bright	
04.854.0082.010	82	Steel, zinc-plated	
04.854.0102.005	102	Steel, bright	
04.854.0102.010	102	Steel, zinc-plated	
04.854.0122.005	122	Steel, bright	
04.854.0122.010	122	Steel, zinc-plated	

# Hinge, 5-parts

### with brass pin

Artno.	Α	В	С	D	
04.856.0060	60	28	6	2,5	
04.856.0095	95	33	7	3,0	

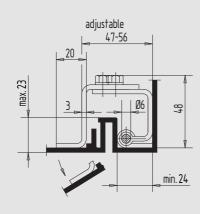
Surface codes	Material/Surface
005	Steel, bright
010	Steel, zinc-plated



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### 30 M5 2



### Inlaid hinge

- frame-part to weld-on
- upstand 26 mmright and left hand usable

Artno.	Material/Surface
04.900.0000.010	Steel, zinc-plated

### Inlaid hinge

- frame-part to weld-on
- upstand 20 mmright and left hand usable

Artno.	Material/Surface
04.901.0000.010	Steel, zinc-plated



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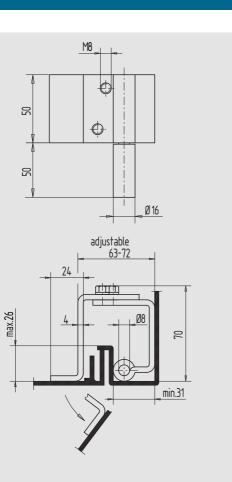
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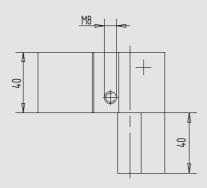
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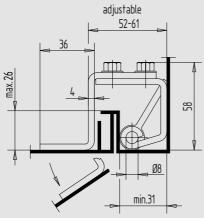
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### Inlaid hinge

- frame-part to weld-on
- with centric guide
- right and left hand usable

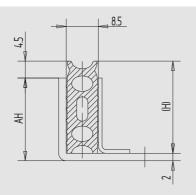
Artno.	Material/Surface
04.902.0000.010	Steel, zinc-plated

### Inlaid hinge

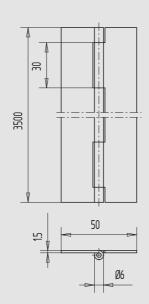
- frame-part to weld-on
- with centric guide
- right and left hand usable

Artno.	Material/Surface
04.903.0000.010	Steel, zinc-plated
04.903.0000.405	Stainless Steel V2A, bright





3500			
	1.25	32	Ø5



### Lip rubber profile

- cellular rubber, black
- EPDM 25° Shore
- in lengths of 50 m (roller)

Artno.	AH at 2 mm	Н	Material/ Surface
04.904.0185.565	16	18,5	PVC, black
04.904.0205.565	18	20,5	PVC, black
04.904.0225.565	20	22,5	PVC, black
04.904.0245.565	22	24,5	PVC, black
04.904.0265.565	24	26,5	PVC, black
04.904.0285.565	26	28,5	PVC, black

### Butt-hinge, 32 mm open width

- in production lengths of 3500 mm
- without holes
- right and left hand usable

Artno.	Material/Surface
04.920.0032.005	Steel, bright
04.920.0032.405	Stainless Steel V2A, bright

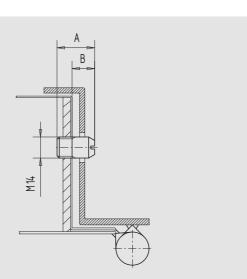
### Butt-hinge, 50 mm open width

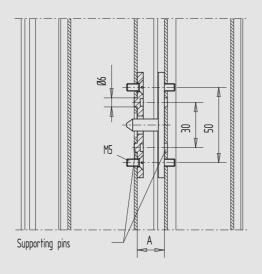
- in production lengths of 3500 mm
- without holes
- right and left hand usable

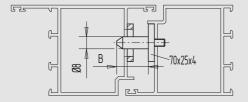
Artno.	Material/Surface	
04.922.0050.005	Steel, bright	
04.922.0050.405	Stainless Steel V2A, bright	
Information	Butt-hinges also as fixed length as well as hole-version available.	



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### **Security bolt**

### with thread

Artno.	Α	В	Material/Surface
04.940.1435.010	35	20	Steel, zinc-plated
04.940.2015.010	25	15	Steel, zinc-plated

### **Security bolt**

- 2-partswith locking plate, hinge-sided

Artno.	Α	В	Material/Surface
04.950.1116.405	11 - 16	17	Stainless Steel V2A, bright
04.950.1722.405	17 - 22	21	Stainless Steel V2A, bright
04.950.2326.405	23 - 26	25	Stainless Steel V2A, bright





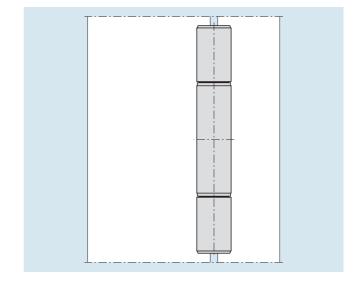
### **Butt hinges**

In addition to the known screw-on and weld-on hinges, we also deliver 3-part butt hinges out of aluminium, steel and stainless steel, aligned to the separate profile systems.

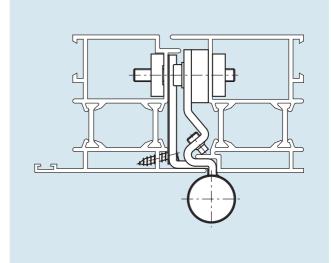
Concealed hinge-fixing frame- and leaf-sided inside the rabbet.

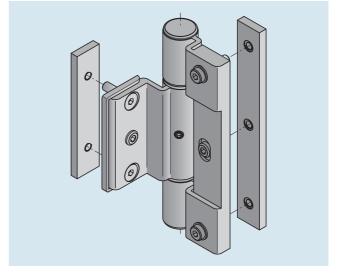
### Load capacity of the hinges:

- 2 pcs. = max. 120 kg. leaf weight
- 3 pcs. = max. 150 kg. leaf weight







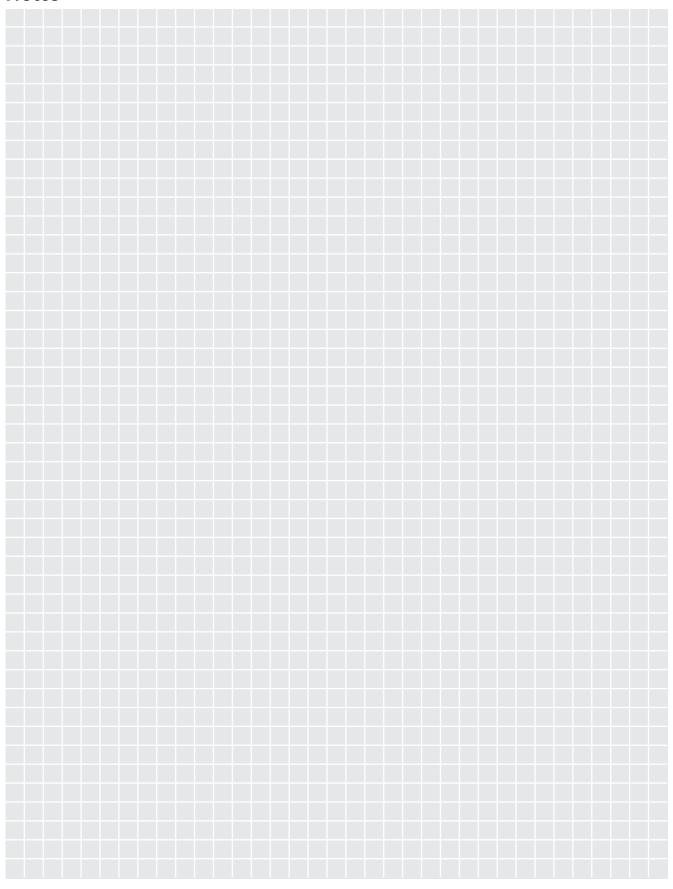


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### **Notes**



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Cable transitions		
	■ concealed	375
	■ surface-mounted	378
Contacts		379























### Closing from EN 2 to EN 6.

- usable for sizes EN 2 to EN 6
- with closing power display
- for single-leaf bedstop doors up to 1.400 mm leafwidth
- for double-leaf bedstop doors up to 2.700 mm leaf-
- Gear drive technic with integrated transformation
- right and left usable
- for door openings up to 180°

The door closer is convenient for fire- and smoke resistant doors with usage of an installation plate.

### Heart-shaped cam plate.

- with integrated locking way delay action
- single-leaf bedstop doors up to 1.250 mm leaf-width/ Size EN 2 to EN 5
- double-leaf bedstop doors from 1.350 mm to 2.500 mm, Size EN 2 to EN 5, Arrester free selectable between 80° and 130°
- standard equipped with installation plate
- right and left usable
- height adjustable N-sliding rail

The new innovative cam plate enables easy opening with low effort and safe closing.





### When smoke, then signal.

### Type 1

- equipped with an optical dirt-display
- suitable for usage with GEZE- and DORMA door closers

### Type 2

- with base and LED-display
- acts with diggused light principle

Both types according to DIN EN 54/7. The producers are certified acc. to DIN ISO 9001.

### This way.

### Door alerter

- immediately applicable for any door
- enables door opening in case of danger, but signals unauthorized use

### **Emergency door systems**

Door locking systems for emergency exits work with closed current and enable the door release during a power outage.

Door alerters guarantee the locking during the day, but enable smooth opening of the door in case of danger.

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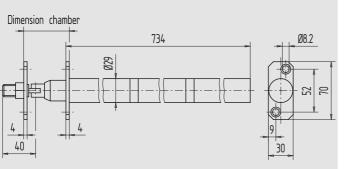
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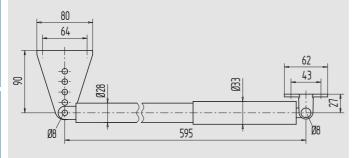
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### **Tubular door closer RTS**

- for outside doors (e.g. garden gates)
- opening angle up to 100°/provide endstop
- up to 80 kgs. leaf weight
- door leaf with 750 up to 1150 mm/max. door height 2500 mm
- left and right hand usable

Artno.	Material/Surface
05.400.0000.010	Steel, zinc-plated

### Overhead door closer "Direkt"

- for doors in fence-areas (e. g. garden gates)
- max. opening angle up to 110°/provide endstop
- up to 80 kgs. door weight
- door leaf with up to 1200 mm/max. door height 2500 mm
- constant door damping also at fluctuation of temperature
- with fastening material

Artno.	Material/Surface
05.410.0000.020	Steel, black lacquered
05.410.0000.405	Stainless Steel V2A, bright

### Door closing damper VS 2000

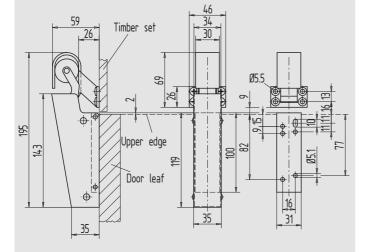
- for normal and heavy doors
- right and left hand usable
- adjustable closing speed

Artno.	Spring load	Material/Surface	
05.500.0010.026	normal	Steel, chrome-plated	
05.500.0020.026	strong	Steel, chrome-plated	

### Installation plate for VS 2000

■ for steel doors

Artno.	Material/Surface
05.501.0000.010	Steel, zinc-plated



### Door closing damper V 1600

- for fire resistant doors (only in conjunction with below mentioned installation plate)
- right and left hand useable
- closing speed fixed adjusted

Artno.	Spring load	Material/Surface	
05.520.0000.026	strong	Steel, chrome-plated	

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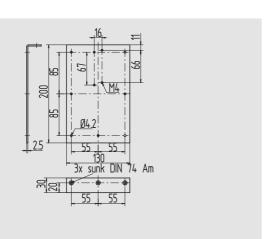
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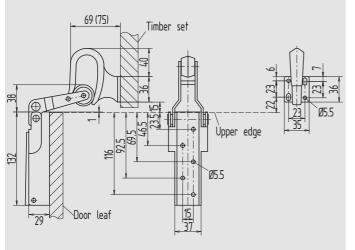
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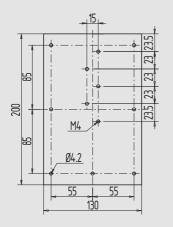
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### Installation plate for V 1600

for fire resistant doors

Artno.	Material/Surface
05.521.0000.010	Steel, zinc-plated

### Door closing damper H 1300

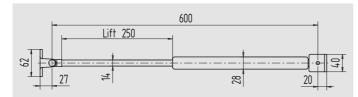
- for especially heavy doors
- right and left hand useable
- adjustable closing speed
- adjustable damping

Artno.	Spring load	Material/Surface	
05.540.0000.025	strong	Steel, matt nickel-plated	

### Installation plate for H 1300

■ for steel doors

Artno.	Material/Surface
05.541.0000.010	Steel, zinc-plated



### Opening limiter

- with hydraulical end-damping
- max. opening angle up to 120°
- up to 90 kg door weight
- door with up to 1100 mm/max. door height 2500 mm
- with fastening accessories

Artno.	Material/Surfa	ice
05.600.0000.050	Steel, RAL 901	0 powder-coated
05.600.0000.405	Stainless Steel	V2A, bright
Function	The door opening limiter with adjustable damp power brakes the door in case of quick opening or draft and limits the opening angle to the desired position. Thereby door and door fittings get saved and banging of the door will be prevented.	
Special	If the door should be arrested in position there should be used or opening limiters with built-in an It keeps the door opened in give The door can be closed normally	ur door rester. en position.

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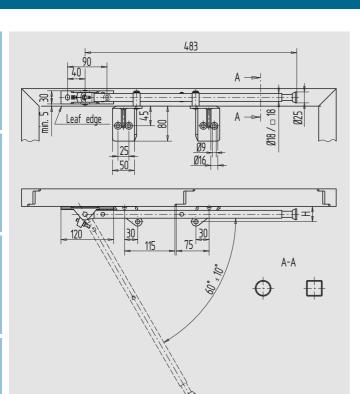
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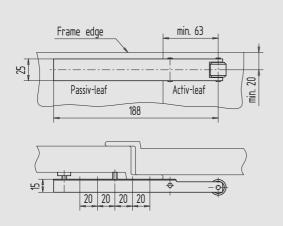
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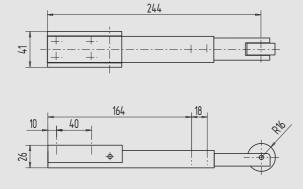
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### Door sequence control

- for double-leaf fire- and smoke resistant doors
- MPA-certified
- stop-angle 30 mm high/normal version for doors with approx. 5 mm impact
- stop-angle 35 mm high/for flush doors

Artno.	Н	Direction	Material/ Surface
05.650.3010.010		round	Steel, zinc-plated
06.650.3020.010		square	Steel, zinc-plated
05.650.3510.010		round	Steel, zinc-plated
06.650.3520.010		square	Steel, zinc-plated

### Carrying flap

- for double-leaf fire- and smoke resistant doors
- tobe mounted on the passive leaf (by screws)
- installation on hinge opposite side

Artno.	Material/Surface
05.670.0000.010	Steel, zinc-plated
Function	While opening a 2-leaf door by passive leaf, the passive leaf installed actuator flap moves the active leaf so far, that a correct closing sequence is guaranteed.

### Carrying flap for door closer ITS

- for double-leaf fire- and smoke resistant doos
- to be mounted on the passive leaf (by screws)

Artno.	Material/Surface
05.671.0000.010	Steel, zinc-plated
Function	While opening a 2-leaf door by passive leaf, the passive leaf installed actuator flap moves the active leaf so far, that a correct closing sequence is guaranteed.
Special	Driving flap also special colored according to RAL color scale available.

### Cable transition 260

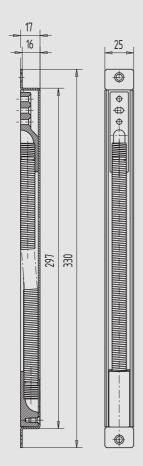
- up to 100° opening width at max. 18 mm center of rotation
- concealed with holding case
- inner thread 10 mm/up to max. 9 mm cable diameter
- spiral 155 mm long

Artno.	Material/Surface
05.800.0000.026	Steel, chrome-plated

### Cable transition 330

- for max. 110 mm bypass
- concealed with holding case
- up to max. 7 mm cable diameter

Artno.	Material/Surface
05.801.0000.426	Stainless Steel V2A, matt brushed



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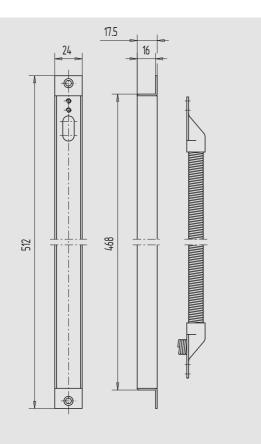
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## 245

### Cable transition 480

- up to 180° opening width at max. 36 mm center of rotation
- concealed with holding case
- inner thread 10 mm/up to max. 9 mm cable diameter
- spiral 370 mm long

Artno.	Material/Surface	
05.802.0000.026	Steel, chrome-plated	
Information	Cable transmission also in stainless steel available.	

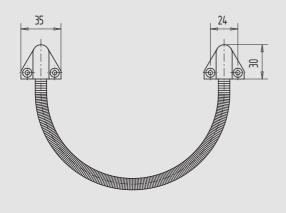
### Cable transmission 480 disconnectable

- suitable for panic motor lock
- spiral 155 mm long

### Cable spiral 155

- up to 100° opening width at max. 18 mm center of rotation
- concealed without holding case
- inner thread 10 mm/up to max. 9 mm cable diameter
- spiral 155 mm long

Artno.	Material/Surface
05.810.0000.026	Steel, chrome-plated



### Cable spiral 370

- up to 180° opening width at max. 36 mm center of rotation
- concealed without holding case
- inner thread 10 mm/up to max. 9 mm cable diameter
- spiral 370 mm long

Artno.	Material/Surface
05.811.0000.026	Steel, chrome-plated

### Midget cable transition, 190 mm long

- for doors or windows
- inner thread 5,3 mm/up to max. 4,9 mm cable diameter
- concealed
- with PVC end pieces
- spiral 130 mm long

Artno.	Material/Surface
05.812.0000.026	Steel, chrome-plated

### Cable transition, 200 mm long

- surface mounted
- with PVC end pieces

Artno.	Cable-Ø	Outer-Ø	Material/Surface
05.813.0079.325	max. 7 mm	9	Brass, matt nickel plated
05.813.0710.550	max. 7 mm	10	PVC, white

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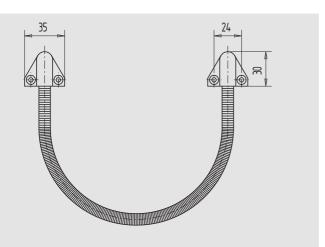
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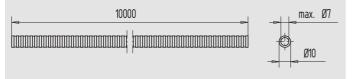
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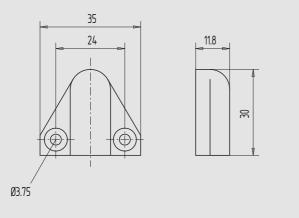
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### 47 Ø3.75





### Cable transition, 300 mm long

- surface mounted
- with PVC end pieces

Artno.	Cable-Ø	Outer-Ø	Material/Surface
05.820.0079.325	max. 7 mm	9	Brass, matt nickel plated
05.820.0710.550	max. 7 mm	10	PVC, white

### Cable transition/vandalism-proof

- 450 mm long
- surface mounted
- max. 8,5 mm cable diameter
- mechanical load up to 100 kgs.
- with chrome plated steel spiral spring

Artno.	Material/Surface
05.825.0000.772	Zinc Die Casting, matt chrome- plated

### **Protection hose**

■ 10 m for self-customization

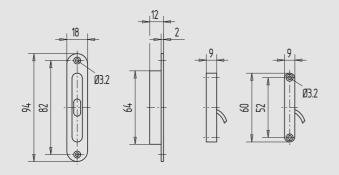
Artno.	Cable-Ø	Outer-Ø	Material/Surface
05.827.0079.325	max. 7 mm	9	Brass, matt nickel plated
05.827.0710.550	max. 7 mm	10	PVC, white

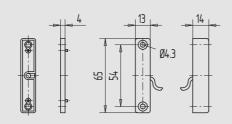
### **End-pieces for metal hose**

packing unit 20 pcs.

Artno.	Outer-Ø	Material/Surface
05.828.0009.580	9	PVC, metalized
05.828.0010.550	10	PVC, white

### 98 02 35





### **Current transmitter**

- for doors or windows
- with nickel plated contact pins
- max. voltage 24V/max. current 1,5A
- with counter piece

Artno.	Version	Material/Surface
05.831.0010.550	2-pole	PVC, white
05.831.0020.550	3-pole	PVC, white

### **Follower contact**

- for vertical and horizontal movements
- contact pins hard gold plated
- max. voltage 24V/max. current 0,5A
- with counter piece

Artno.	Version	Material/Surface
05.832.0040.550	4-pole	PVC, white

### **Magnetic contact (reed-contact)**

- for doors or windows
- max. voltage 24V/max. current 0,1A
- connection cable 6000 mm long
- switching distance 10 mm
- with counter piece

Artno.	Material/Surface
05.840.0000.550	PVC, white

### **Block reed-contact**

- for steel profile-doors
- set-up installation (with base)
- max. voltage 24V/max. current 0,1A
- connection cable 6000 mm long
- switching distance 20 mm
- with counter piece

Artno.	Material/Surface
05.841.0000.550	PVC, white

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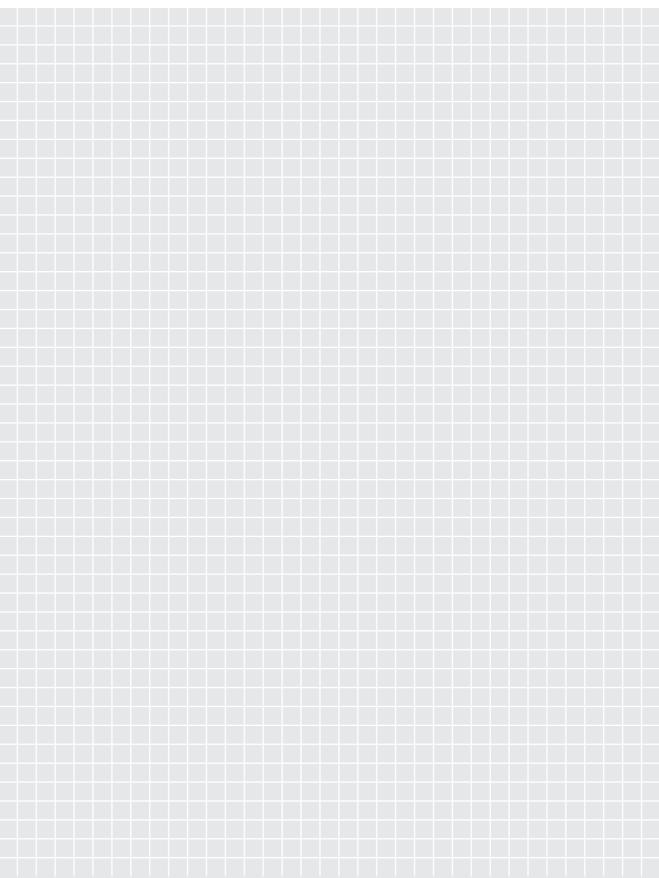
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### **Notes**



General information	■ Frequently asked questions (FAQ)	384
Door stay fasteners	<ul> <li>Foot operated kicking</li> <li>With hook</li> <li>With steel spring/roller bracked</li> </ul>	385 390 393
Gate stay fasteners	■ To wall-in/screw-on	396
Stay fasteners		400
Magnetic stay fasteners	■ Floor mounted/wall mounted	401
Door buffers	<ul><li>Floor mounted</li><li>Wall mounted</li><li>With spring</li></ul>	402 407 409
Gate buffers		411

























### Simply kick.

Door stay fasteners with kicking arrester.

- Arresting on each opening angle
- all versions equipped with special hub spring for higher pressure of the kicking bolt
- Special versions with floor bush for slippery floors and high wind force (see e.g. WSS-no. 06.103.0030....)
- available in various materials
- ▶ Products see page 385 and following

The special hub spring enables a very high pressure of the kicking bolt. That means more security and comfort.

### For huge weight on the hook.

Door stay fasteners with hook and endstop.

- suitable for heavy-weight doors
- additional protection of doors due to springy end-stops
- disabled hooks enable the use as end-stop on demand
- ▶ Products see page 391

The spring suspension of the end-stops protects the doors. That way damage to heavily frequented doors is prevented.





### Provide barrier-freedom.

Door stay fasteners with magnet.

- Actuation by pushing or pulling with minimum force
- smooth height adjustment due to shims
- springy bearing of the magnets prevent door damages
- **adhesive** counter plates enable the suitability for glass doors
- modern design
- ▶ Products see page 401

Magnetic door stay fasteners are suitable for use in barrier-free rooms.

### Damp every strike.

Door- and gate buffers for any weight.

- maximum protection against damage due to damped bedstop
- modern, attractive visual appearance
- efficient noise protection
- ▶ Products see page 402

To achieve the best effect door buffers should be installed with the maximum distance to the hinge side on the floor.

Are there any security regulations for usage of door holders (e. g. for

Frequently asked questions (FAQ).

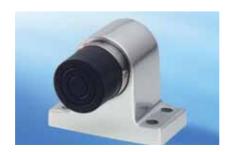
Only certified electro-magnetic holders with smoke-/fire-detector may be used for fire-resistant doors.

fire-/smoke resistant doors)?



### ■ What is the usage area of door buffers?

The usage areas of door buffers is the protection of walls, interieur or expensive furniture, that the door handle does not leave damages.



### ■ What is a roller bracket?

Roller brackets enable the snap-in of the hook.



### What must be clarified on order and installation of door- and gate holders?

The following items must be clarified before order or installation:

- Door weight
- Angle of the door
- Height of lower door edge above the floor
- The stability of the floor

The articles are available in various materials - light alloy, stainless steel, steel and brass.

### Door stay fastener

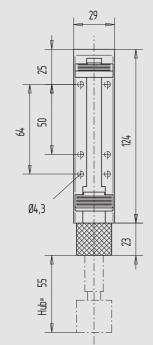
- door weight up to 40 kg.
- 30 or 50 mm stroke
- aluminium case
- with zinc plated steel kick-bolt
- with extended screwing plate as kicking protection

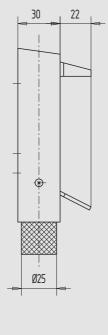
Artno.	Lift	Material/Surface
06.100.0030.113	30	Aluminium, E5/C-0 anodized
06.100.0030.235	30	Aluminium, silver lacquered
06.100.0030.245	30	Aluminium, dark-bronze lacquered
06.100.0030.255	30	Aluminium, RAL 9016 powder-coated
06.100.0050.113	50	Aluminium, E5/C-0 anodized
06.100.0050.235	50	Aluminium, silver lacquered
06.100.0050.245	50	Aluminium, dark-bronze lacquered
06.100.0050.255	50	Aluminium, RAL 9016 powder-coated

### Telescope door stay fastener

- door weight up to 70 kg.
- steel, aluminium or stainless steel case
- concealed fixing
- spring supported floor buffer

Artno.	Lift	Material/Surface
06.101.0055.035	55	Steel, silver lacquered
06.101.0055.045	55	Steel, dark-bronze lacquered
06.101.0055.112	55	Aluminium, E4/C-0 anodized
06.101.0055.255	55	Aluminium, RAL 9016 powder-coated
06.101.0055.299	55	Aluminium, special surface
06.101.0055.426	55	Stainless Steel V2A, matt brushed







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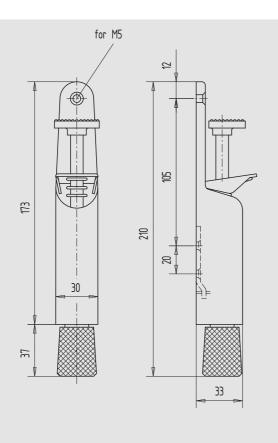
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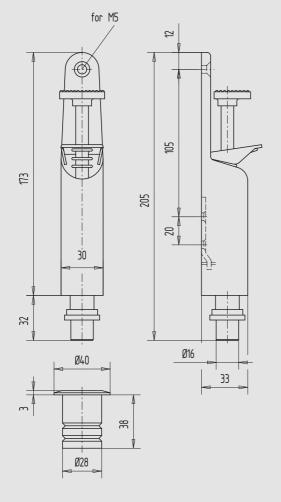
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### Door stay fastener

- door weight up to 40 kg.
- 30 or 50 mm stroke
- steel, brass or stainless steel case and kick-bolt
- with extended screwing plate as kicking protection

Artno.	Lift	Material/Surface
06.102.0030.035	30	Steel, silver lacquered
06.102.0030.045	30	Steel, dark-bronze lacquered
06.102.0030.054	30	Steel, RAL 9016 lacquered
06.102.0030.318	30	Brass, polished, with clear coat
06.102.0030.328	30	Brass, matt brushed, with clear coat
06.102.0030.426	30	Stainless Steel V2A, matt brushed
06.102.0050.035	50	Steel, silver lacquered
06.102.0050.045	50	Steel, dark-bronze lacquered
06.102.0050.054	50	Steel, RAL 9016 lacquered
06.102.0050.318	50	Brass, polished, with clear coat
06.102.0050.328	50	Brass, matt brushed, with clear coat
06.102.0050.426	50	Stainless Steel V2A, matt brushed

### Door stay fastener with floor bush

- door weight up to 100 kg.
- 30 mm stroke
- steel, brass or stainless steel case
- with stainless steel bolt and floor bush
- with extended screwing plate as kicking protection

Artno.	Lift	Material/Surface
06.103.0030.035	30	Steel, silver lacquered
06.103.0030.045	30	Steel, dark-bronze lacquered
06.103.0030.054	30	Steel, RAL 9016 lacquered
06.103.0030.318	30	Brass, polished, with clear coat
06.103.0030.328	30	Brass, matt brushed, with clear coat
06.103.0030.426	30	Stainless Steel V2A, matt brushed



# for M5 22 for M5 35 Lift L1 L2 60 225 160 90 292 227

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### Door stay fastener

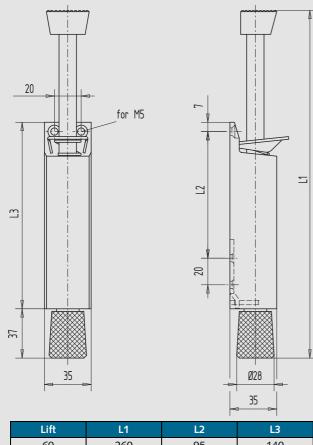
- door weight up to 40 kg.
- 60, 90 or 120 mm stroke
- aluminium case
- all further metal parts stainless steel
- with extended screwing plate as kicking protection

Artno.	Lift	Material/Surface
06.104.0060.113	60	Aluminium, E5/C-0 anodized
06.104.0060.198	60	Aluminium, Stainless Steel effect
06.104.0060.235	60	Aluminium, silver lacquered
06.104.0060.255	60	Aluminium, RAL 9016 powder-coated
06.104.0090.113	90	Aluminium, E5/C-0 anodized
06.104.0090.198	90	Aluminium, Stainless Steel effect
06.104.0090.235	90	Aluminium, silver lacquered
06.104.0090.255	90	Aluminium, RAL 9016 powder-coated
06.104.0120.113	120	Aluminium, E5/C-0 anodized
06.104.0120.198	120	Aluminium, Stainless Steel effect
06.104.0120.235	120	Aluminium, silver lacquered
06.104.0120.255	120	Aluminium, RAL 9016 powder-coated

### Door stay fastener

- door weight up to 80 kg.
- 60, 90 or 120 mm stroke
- aluminium case
- stainless steel kick-bolt

06.105.0060.255         60         Aluminium, RAL 9016 powder-coa           06.105.0090.113         90         Aluminium, E5/C-0 anodized           06.105.0090.198         90         Aluminium, Stainless Steel effect           06.105.0090.235         90         Aluminium, silver lacquered           06.105.0090.245         90         Aluminium, dark-bronze lacquered           06.105.0090.255         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	A 1	1.10	AA 1 1 1/6 /
06.105.0060.198         60         Aluminium, Stainless Steel effect           06.105.0060.235         60         Aluminium, silver lacquered           06.105.0060.245         60         Aluminium, dark-bronze lacquered           06.105.0060.255         60         Aluminium, RAL 9016 powder-coa           06.105.0090.113         90         Aluminium, E5/C-0 anodized           06.105.0090.198         90         Aluminium, Stainless Steel effect           06.105.0090.235         90         Aluminium, silver lacquered           06.105.0090.245         90         Aluminium, dark-bronze lacquered           06.105.0120.113         120         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, dark-bronze lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	Artno.	Lift	Material/Surface
06.105.0060.235         60         Aluminium, silver lacquered           06.105.0060.245         60         Aluminium, dark-bronze lacquered           06.105.0060.255         60         Aluminium, RAL 9016 powder-coa           06.105.0090.113         90         Aluminium, E5/C-0 anodized           06.105.0090.198         90         Aluminium, Stainless Steel effect           06.105.0090.235         90         Aluminium, silver lacquered           06.105.0090.245         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0060.113	60	Aluminium, E5/C-0 anodized
06.105.0060.245         60         Aluminium, dark-bronze lacquered           06.105.0060.255         60         Aluminium, RAL 9016 powder-coa           06.105.0090.113         90         Aluminium, E5/C-0 anodized           06.105.0090.198         90         Aluminium, Stainless Steel effect           06.105.0090.235         90         Aluminium, silver lacquered           06.105.0090.245         90         Aluminium, dark-bronze lacquered           06.105.0090.255         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0060.198	60	Aluminium, Stainless Steel effect
06.105.0060.255         60         Aluminium, RAL 9016 powder-coa           06.105.0090.113         90         Aluminium, E5/C-0 anodized           06.105.0090.198         90         Aluminium, Stainless Steel effect           06.105.0090.235         90         Aluminium, silver lacquered           06.105.0090.245         90         Aluminium, dark-bronze lacquered           06.105.0090.255         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0060.235	60	Aluminium, silver lacquered
06.105.0090.113         90         Aluminium, E5/C-0 anodized           06.105.0090.198         90         Aluminium, Stainless Steel effect           06.105.0090.235         90         Aluminium, silver lacquered           06.105.0090.245         90         Aluminium, dark-bronze lacquered           06.105.0090.255         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0060.245	60	Aluminium, dark-bronze lacquered
06.105.0090.198         90         Aluminium, Stainless Steel effect           06.105.0090.235         90         Aluminium, silver lacquered           06.105.0090.245         90         Aluminium, dark-bronze lacquered           06.105.0090.255         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0060.255	60	Aluminium, RAL 9016 powder-coated
06.105.0090.235         90         Aluminium, silver lacquered           06.105.0090.245         90         Aluminium, dark-bronze lacquered           06.105.0090.255         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0090.113	90	Aluminium, E5/C-0 anodized
06.105.0090.245         90         Aluminium, dark-bronze lacquered           06.105.0090.255         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0090.198	90	Aluminium, Stainless Steel effect
06.105.0090.255         90         Aluminium, RAL 9016 powder-coa           06.105.0120.113         120         Aluminium, E5/C-0 anodized           06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0090.235	90	Aluminium, silver lacquered
06.105.0120.113       120       Aluminium, E5/C-0 anodized         06.105.0120.198       120       Aluminium, Stainless Steel effect         06.105.0120.235       120       Aluminium, silver lacquered         06.105.0120.245       120       Aluminium, dark-bronze lacquered	06.105.0090.245	90	Aluminium, dark-bronze lacquered
06.105.0120.198         120         Aluminium, Stainless Steel effect           06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0090.255	90	Aluminium, RAL 9016 powder-coated
06.105.0120.235         120         Aluminium, silver lacquered           06.105.0120.245         120         Aluminium, dark-bronze lacquered	06.105.0120.113	120	Aluminium, E5/C-0 anodized
<b>06.105.0120.245</b> 120 Aluminium, dark-bronze lacquered	06.105.0120.198	120	Aluminium, Stainless Steel effect
	06.105.0120.235	120	Aluminium, silver lacquered
<b>06.105.0120.255</b> 120 Aluminium, RAL 9016 powder-coa	06.105.0120.245	120	Aluminium, dark-bronze lacquered
	06.105.0120.255	120	Aluminium, RAL 9016 powder-coated



Lift	L1	L2	L3
60	260	95	140
90	315	125	170
120	370	155	200



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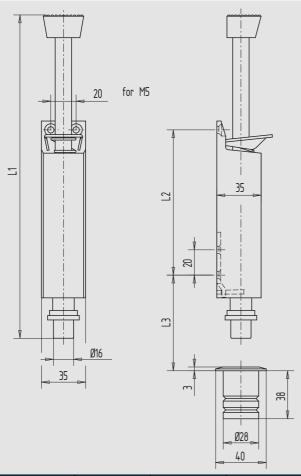
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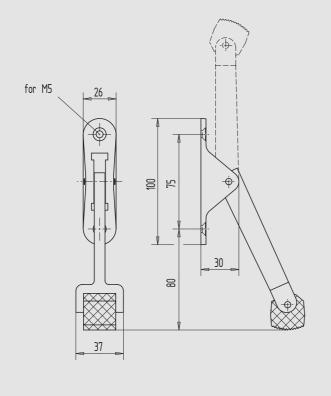
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Lift	L1	L2	L3
60	255	115	95
90	310	145	125
120	365	175	155



### Door stay fastener with floor bush

- door weight up to 100 kg.
- 60, 90 or 120 mm stroke
- aluminium case
- with stainless steel bolt and floor bush

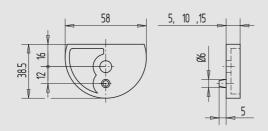
Artno.	Lift	Material/Surface
06.106.0060.113	60	Aluminium, E5/C-0 anodized
06.106.0060.198	60	Aluminium, Stainless Steel effect
06.106.0060.235	60	Aluminium, silver lacquered
06.106.0060.245	60	Aluminium, dark-bronze lacquered
06.106.0060.255	60	Aluminium, RAL 9016 powder-coated
06.106.0090.113	90	Aluminium, E5/C-0 anodized
06.106.0090.198	90	Aluminium, Stainless Steel effect
06.106.0090.235	90	Aluminium, silver lacquered
06.106.0090.245	90	Aluminium, dark-bronze lacquered
06.106.0090.255	90	Aluminium, RAL 9016 powder-coated
06.106.0120.113	120	Aluminium, E5/C-0 anodized
06.106.0120.198	120	Aluminium, Stainless Steel effect
06.106.0120.235	120	Aluminium, silver lacquered
06.106.0120.245	120	Aluminium, dark-bronze lacquered
06.106.0120.255	120	Aluminium, RAL 9016 powder-coated

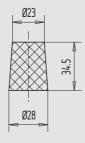
### Stay fastener for doors with locking mechanism

- door weight up to 50 kg.
- with black rubber

- With black rabber	
Artno.	Material/Surface
06.107.0000.113	Aluminium, E5/C-0 anodized
06.107.0000.235	Aluminium, silver lacquered
06.107.0000.245	Aluminium, dark-bronze lacquered
06.107.0000.255	Aluminium, RAL 9016 powder-coated
Function	The door can be arrested in any opening angle. The lever avoids closing of the door. The release can be done by easy lifting of the holding lever, which is held by a spring.







### Door stay fastener

- door weight up to 50 kg.
- with black rubber bedstop

Artno.	Material/Surface
06.120.0000.113	Aluminium, E5/C-0 anodized
06.120.0000.153	Aluminium, E5/C-34 anodized
06.120.0000.255	Aluminium, RAL 9016 powder-coated
Function	Arresting will be activated by snapping-in to the holder bottom part on the floor. Without actuation of the door part, the floor part acts as a door buffer.

### Distance plate for height compensation

- 5, 10 or 15 mm high
- aluminium or stainless steel

Artno.	Height	Material/Surface
06.122.0005.112	5	Aluminium, E4/C-0 anodized
06.122.0005.152	5	Aluminium, E4/C-34 anodized
06.122.0005.255	5	Aluminium, RAL 9016 powder-coated
06.122.0005.426	5	Stainless Steel V2A, matt brushed
06.122.0010.112	10	Aluminium, E4/C-0 anodized
06.122.0010.152	10	Aluminium, E4/C-34 anodized
06.122.0010.255	10	Aluminium, RAL 9016 powder-coated
06.122.0010.426	10	Stainless Steel V2A, matt brushed
06.122.0015.112	15	Aluminium, E4/C-0 anodized
06.122.0015.152	15	Aluminium, E4/C-34 anodized
06.122.0015.255	15	Aluminium, RAL 9016 powder-coated
06.122.0015.426	15	Stainless Steel V2A, matt brushed

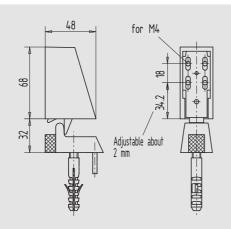
### Backup-rubber for door holder

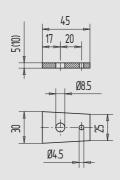
grey colored

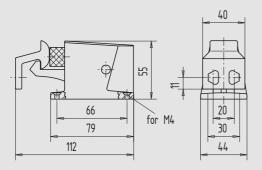
Artno.	Material/Surface	
06.124.0000.825	Rubber, grey	
Suitable for:		
Door holder artno. 06	5.100/102/105	



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### Hook door stay fastener, face-mounted

- door weight up to 50 kg.
- with black rubber buffer
- height adjustable

Artno.	Material/Surface	
06.150.0000.113	Aluminium, E5/C-0 anodized	
06.150.0000.235	Aluminium, silver lacquered	
06.150.0000.245	Aluminium, dark-bronze lacquered	
06.150.0000.255	Aluminium, RAL 9016 powder-coated	
Function	Only pressing-on or removing the door suffices to arrest or release the door. (releasing force 10 kgs.)	

### Base for height adjustment

■ 5 or 10 mm high

Artno.	Height	Material/Surface
06.151.0005.113	5	Aluminium, E5/C-0 anodized
06.151.0005.235	5	Aluminium, silver lacquered
06.151.0005.245	5	Aluminium, dark-bronze lacquered
06.151.0005.255	5	Aluminium, RAL 9016 powder-coated
06.151.0010.113	10	Aluminium, E5/C-0 anodized
06.151.0010.235	10	Aluminium, silver lacquered
06.151.0010.245	10	Aluminium, dark-bronze lacquered
06.151.0010.255	10	Aluminium, RAL 9016 powder-coated

### Hook door holder, self latching-in

- door weight up to 60 kg.
- PVC buffer for self-acting snap-in and release

Artno.	Material/Surface
06.152.0000.426	Stainless Steel V2A, matt brushed
Function	The door must be pushed against the holder until the hook snaps-in. By pushing against the buffer, the hook gets lifted and the door will be released.



### Hook door stay fastener, floor-mounted

- door weight up to 100 kg.
- aluminium, brass or stainless steel case
- with spring-mounted black rubber buffer
- catching hook disengageable

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Artno.	Material/Surface
06.153.0000.113	Aluminium, E5/C-0 anodized
06.153.0000.235	Aluminium, silver lacquered
06.153.0000.245	Aluminium, dark-bronze lacquered
06.153.0000.255	Aluminium, RAL 9016 powder-coated
06.153.0000.318	Brass, polished, with clear coat
06.153.0000.325	Brass, matt nickel plated
06.153.0000.328	Brass, matt brushed, with clear coat
06.153.0000.426	Stainless Steel V2A, matt brushed
Special	Hook door holder only aluminium made with cylinder lock available.

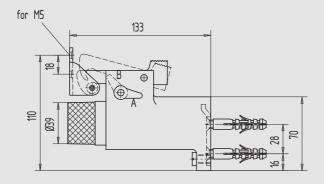
### Base for height adjustment

■ 20 mm high

Artno.	Material/Surface
06.154.0000.220	Aluminium, black lacquered
Installation	We recommend the usage of M8-hexagon-socket screws for fastening.

(art.-no. 06.153.0010...)

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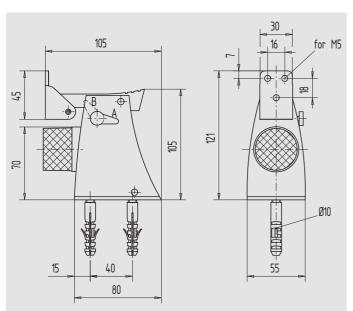
### Hook door stay fastener, wall-mounted

- door weight up to 100 kg.
- with spring-mounted black rubber buffer
- catching hook disengageable

Artno.	Material/Surface	
06.155.0000.113	Aluminium, E5/C-0 anodized	
06.155.0000.235	Aluminium, silver lacquered	
06.155.0000.245	Aluminium, dark-bronze lacquered	
06.155.0000.255	Aluminium, RAL 9016 powder-coated	
Special	Hook door holder also in rotatable version (10°) available. (artno. 06.155.0010)	





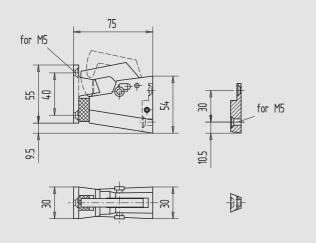


### Hook door stay fastener, floor-mounted

- door weight up to 120 kg.
- with spring-mounted black rubber buffer
- catching hook disengageable
- concealed screwing holes

Artno.	Material/Surface
06.156.0000.113	Aluminium, E5/C-0 anodized
06.156.0000.198	Aluminium, Stainless Steel effect
06.156.0000.235	Aluminium, silver lacquered
06.156.0000.245	Aluminium, dark-bronze lacquered
06.156.0000.255	Aluminium, RAL 9016 powder-coated

### for M5



### Hook door stay fastener

- door weight up to 50 kg.
- with white rubber buffer

Artno.	Material/Surface	
06.157.0000.113	Aluminium, E5/C-0 anodized	
06.157.0000.235	Aluminium, silver lacquered	
06.157.0000.245	Aluminium, dark-bronze lacquered	
Function	The door must be pushed against the holder until the hook snaps-in. By lifting the holder the door will be released.	

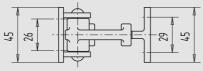
### Hook door stay fastener, disengageable

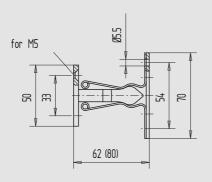
- door weight up to 50 kg.
- with white rubber buffer

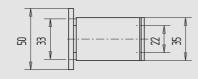
Artno.	Material/Surface
06.158.0000.113	Aluminium, E5/C-0 anodized
06.158.0000.235	Aluminium, silver lacquered
06.158.0000.245	Aluminium, dark-bronze lacquered
Function	The door must be pushed against the holder until the hook snaps-in. By lifting the holder the door will be released.



### for M5 75 (90,105)







### Hook door stay fastener

- for 80 mm distance
- door weight up to 100 kg.

Artno.	Material/Surface
06.200.0000.010	Steel, zinc-plated
06.200.0000.020	Steel, black lacquered

### Hook door stay fastener

- for 75, 90 or 105 mm distance
- door weight up to 100 kg.

Artno.	Gate distance	Material/Surface
06.201.0075.010	75	Steel, zinc-plated
06.201.0090.010	90	Steel, zinc-plated
06.201.0105.010	105	Steel, zinc-plated

### Door stay fastener with steel spring

- for 62 or 80 mm distance
- door weight up to 100 kg.

Artno.	Gate dis- tance	Material/Surface
06.202.0062.010	62	Steel, zinc-plated
06.202.0080.010	92	Steel, zinc-plated



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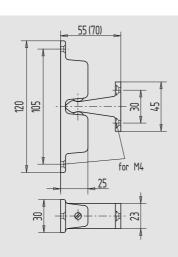
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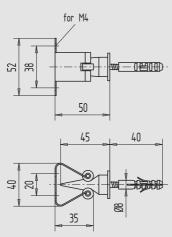
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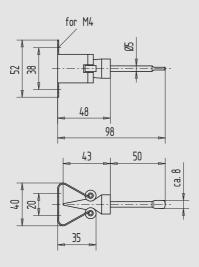
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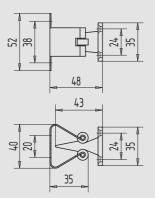
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### Door stay fastener with roller bracket, to screw-on

- for door distance 55 or 70 mm
- door weight up to 80 kg.
- aluminium block

Artno.	Door dis- tance	Material/Surface	
06.203.0055.035	55	Steel, silver lacquered	
06.203.0070.035	70	Steel, silver lacquered	

### Door holder with roller bracket, to plug-on

- door weight up to 25 kg.
- power 280 N
- spring steel arrester
- PVC rollers
- aluminium block

Artno.	Material/Surface
06.204.0000.020	Steel, black lacquered
06.204.0000.035	Steel, silver lacquered

### Door stay fastener with roller bracket, to wall-in

- door weight up to 25 kg.
- power 280 N
- spring steel arrester
- **PVC** rollers
- aluminium block

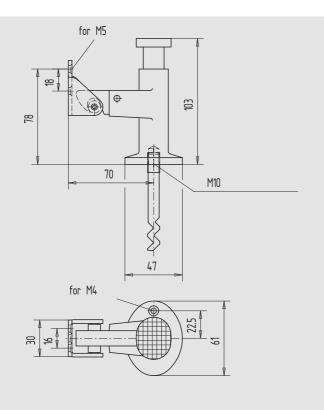
Artno.	Material/Surface
06.205.0000.020	Steel, black lacquered
06.205.0000.035	Steel, silver lacquered

### Door stay fastener with roller bracket, to screw-on

- door weight up to 25 kg.
- power 280 N
- spring steel holder
- PVC rollers
- aluminium block

Artno.	Material/Surface
06.206.0000.020	Steel, black lacquered
06.206.0000.035	Steel, silver lacquered





### Door stay fastener with hook, to wall-in

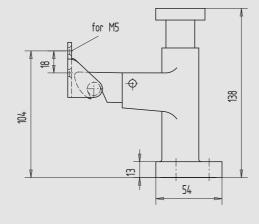
- door weight up to 40 kg.
- stainless steel roller blocks

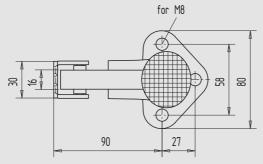
Artno.	Material/Surface
06.207.0000.113	Aluminium, E5/C-0 anodized
06.207.0000.235	Aluminium, silver lacquered
06.207.0000.245	Aluminium, dark-bronze lacquered
Function	The door must be pushed against the door holder until the hook snaps-in. It can be released by easy pushing the button and synchronistic pushing the door against the holder.

### Door stay fastener with hook, to screw-on

- door weight up to 80 kg.
- stainless steel roller blocks
- without stone thole pin

Artno.	Material/Surface
06.208.0000.112	Aluminium, E4/C-0 anodized
06.208.0000.235	Aluminium, silver lacquered
06.208.0000.245	Aluminium, dark-bronze lacquered







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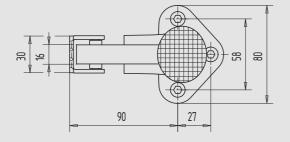
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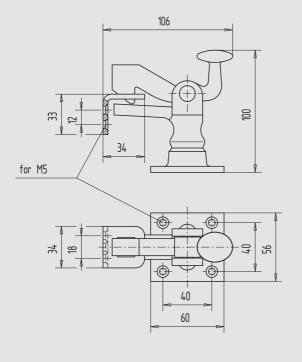
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# for M5 M8 M8 54





### Gate stay fastener with hook, to wall-in

- gate weight up to 80 kg.
- stainless steel roller blocks
- with stone thole pin

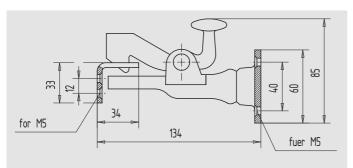
Artno.	Material/Surface
06.209.0000.112	Aluminium, E4/C-0 anodized
06.209.0000.235	Aluminium, silver lacquered
06.209.0000.245	Aluminium, dark-bronze lacquered

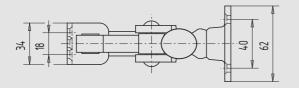
### Gate stay fastener, floor-mounted

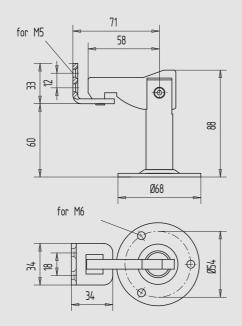
- gate weight up to 100 kg.
- with zinc plated steel angle

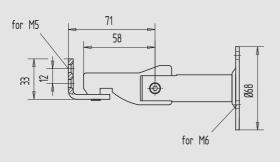
Artno.	Material/Surface
06.210.0000.608	Malleable Cast Iron, hot zinc dipped
06.210.0000.620	Malleable Cast Iron, black lacquered

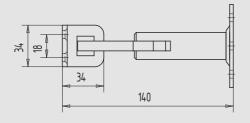












#### Gate stay fastener, wall-mounted

- gate weight up to 100 kg.
- with zinc plated steel angle

Artno.	Material/Surface
06.211.0000.608	Malleable Cast Iron, hot zinc dipped
06.211.0000.620	Malleable Cast Iron, black lacquered
	•

#### Gate stay fastener, floor-mounted

- gate weight up to 100 kg.
- stainless steel

Artno.	Material/Surface	
06.212.0000.020	Steel, black lacquered	
06.212.0000.035	Steel, silver lacquered	
06.212.0000.426	Stainless Steel V2A, matt brushed	
Function	By out-srewing of the axle and moving the hook, the holder can be switched from installation on floor to installation on wall.	

#### Gate stay fastener, wall-mounted

- gate weight up to 100 kg.
- stainless steel

Artno.	Material/Surface
06.213.0000.020	Steel, black lacquered
06.213.0000.035	Steel, silver lacquered
06.213.0000.426	Stainless Steel V2A, matt brushed



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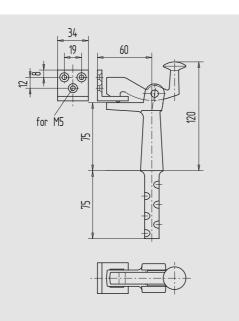
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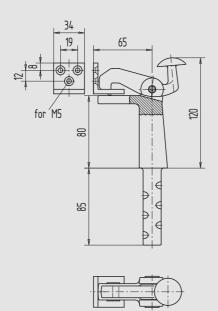
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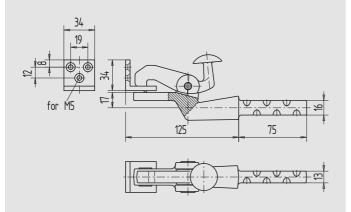
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#### Gate stay fastener, floor-mounted

- gate weight up to 100 kg. (medium-weight gates)
- with zinc plated steel angle

Artno.	Material/Surface
06.250.0000.610	Malleable Cast Iron, zinc-plated

#### Gate stay fastener, floor-mounted

- gate weight up to 150 kg. (heavy-weight gates)
- with zinc plated steel angle

Artno.	Material/Surface
06.251.0000.610	Malleable Cast Iron, zinc-plated

#### Gate stay fastener, wall-mounted

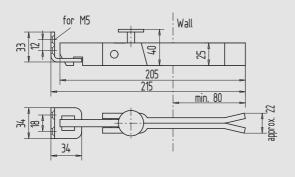
- gate weight up to 100 kg. (medium-weight gates)
- with zinc plated steel angle

Artno.	Material/Surface	
06.252.0000.610	Malleable Cast Iron, zinc-plated	
Function	The gate gets automatically arrested by pushing against the holder. The gate will be released by pushing the hook.	





# Floor Fl



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#### Gate stay fastener, wall-mounted

- gate weight up to 150 kg. (heavy-weight gates)
- with zinc plated steel angle

Artno.	Material/Surface
06.253.0000.610	Malleable Cast Iron, zinc-plated

#### Gate stay fastener, floor-mounted

- ate weight up to 150 kg.
- flat steel
- steel angle

Artno.	Material/Surface
06.254.0000.008	Steel, hot zinc dipped
06.254.0000.020	Steel, black lacquered

#### Gate stay fastener, wall-mounted

- gate weight up to 150 kg.
- flat steel
- steel angle

Artno.	Material/Surface
06.255.0000.008	Steel, hot zinc dipped
06.255.0000.020	Steel, black lacquered



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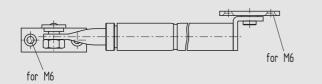
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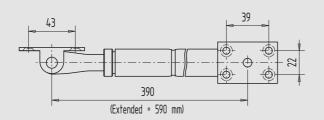
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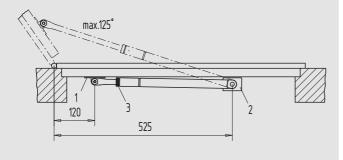
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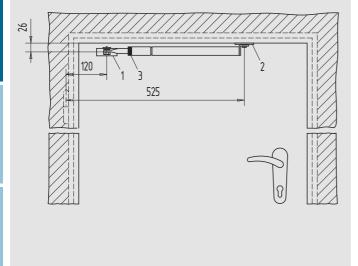
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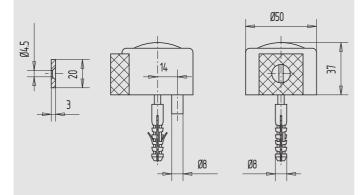
#### Stay fastener with braking effect

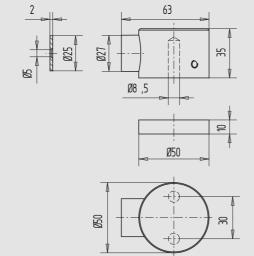
- door weight up to 100 kg.
- 200 mm stroke
- steel or stainless steel
- for max. door dim. 1200x2200 mm

Artno.		Material/Surface
06.300.0000.010 06.300.0000.405		Steel, zinc-plated Stainless Steel V2A, bright
00.500.0000.405		Stanness Steel VZ/1, Bright
Information	The door brake mend-bedstop.	nust not be used as
Function	The door can be opened up to 125° and can be held in any position. The braking power can be adjusted by turning or the knurled screw (3).	
Installation	The braking power can be adjusted by	









#### Magnetic door stay fastener, floor-mounted

- magnetic power 200 N
- PVC case
- with counterpiece

Artno.	Material/Surface
06.350.0000.570	PVC, grey

#### Magnetic door stay fastener, wall-mounted

- magnetic power 200 N
- PVC case
- with counterpiece

Artno.	Material/Surface
06.351.0000.570	PVC, grey

#### Magnetic door stay fastener, floor-mounted

- magnetic power 60 N
- massive aluminium case
- stainless steel decor bush
- with counterpiece

Artno.	Material/Surface Decor bush
06.352.0000.426	Stainless Steel V2A, matt brushed
06.352.0000.455	Stainless Steel V2A, RAL 9016 powder-coated

# Magnetic door stay fastener, floor-mounted with spring

- door weight up to 60 kg.
- power 120 N
- aluminium or stainless steel case
- with counterpieces (1x to stick/1x to screw)
- with black PVC distance plate for height-adjustment, 10 mm high

Artno.	Material/Surface
06.353.0000.112	Aluminium, E4/C-0 anodized
06.353.0000.152	Aluminium, E4/C-34 anodized
06.353.0000.255	Aluminium, RAL 9016 powder-coated
06.353.0000.426	Stainless Steel V2A, matt brushed

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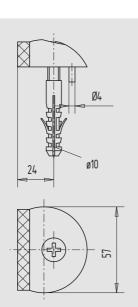
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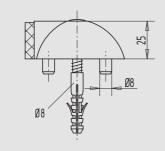
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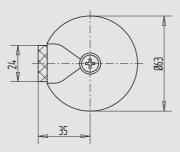
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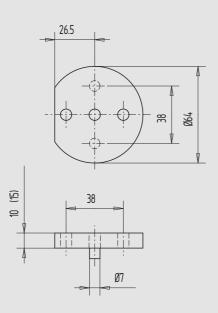
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#### Door buffer, floor-mounted

- door weight up to 50 kg.
- aluminium or stainless steel
- with black rubber buffer

Artno.	Material/Surface
06.400.0000.112	Aluminium, E4/C-0 anodized
06.400.0000.152	Aluminium, E4/C-34 anodized
06.400.0000.235	Aluminium, silver lacquered
06.400.0000.255	Aluminium, RAL 9016 powder-coated
06.400.0000.426	Stainless Steel V2A, matt brushed

#### Accessories:

Distance plate for height compensation page 389

#### Door buffer, floor-mounted

- door weight up to 50 kg.
- with black rubber buffer
- with polished stainless steel cap

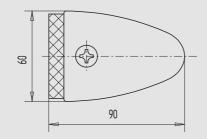
Artno.	Material/Surface
06.401.0000.416	Stainless Steel V2A, polished

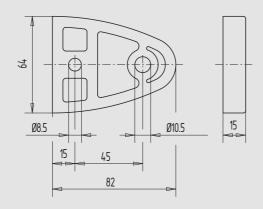
#### Distance plate for height compensation

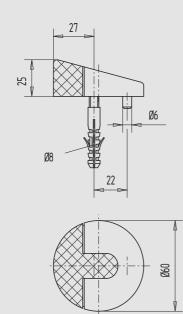
- 10 or 15 mm high
- hardened PVC (Polyacetal)

Artno.	Height	Material/Surface
06.402.0010.565	10	PVC, black
06.402.0015.565	15	PVC, black









#### Door buffer, floor-mounted

- door weight up to 80 kg.
- aluminium or stainless steel
- with black rubber buffer

Artno.	Material/Surface
06.403.0000.113	Aluminium, E5/C-0 anodized
06.403.0000.153	Aluminium, E5/C-34 anodized
06.403.0000.255	Aluminium, RAL 9016 powder-coated
06.403.0000.426	Stainless Steel V2A, matt brushed

#### Plate for height compensation

■ 15 mm high

Artno.	Material/Surface
06.404.0000.220	Aluminium, black lacquered

#### Door buffer, floor-mounted

- door weight up to 40 kg.aluminium or stainless steel
- with black rubber buffer

Artno.	Material/Surface
06.405.0000.112	Aluminium, E4/C-0 anodized
06.405.0000.426	Stainless Steel V2A, matt brushed



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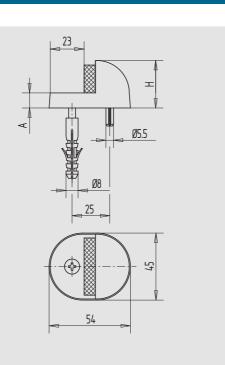
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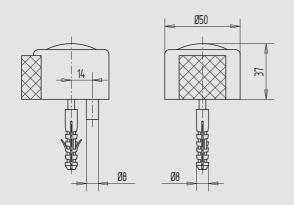
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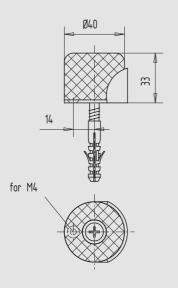
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#### Door buffer, floor-mounted

- door weight up to 30 kg.
- with black rubber buffer

Artno.	Н	А
06.406.0003	25	3
06.406.0010	32	10
06.406.0015	37	15
06.406.0020	42	20
06.406.0027	49	27

Surface codes	Material/Surface
113	Aluminium, E5/C-0 anodized
153	Aluminium, E5/C-34 anodized
255	Aluminium, RAL 9016 powder-coated

#### Door buffer, floor-mounted

- door weight up to 40 kg.
- with massive aluminium case
- stainless steel decor bush
- with black rubber buffer

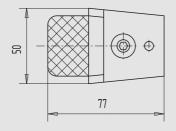
Artno.	Material/Surface Decor bush
06.407.0000.426	Stainless Steel V2A, matt brushed
06.407.0000.455	Stainless Steel V2A, RAL 9016 powder- coated

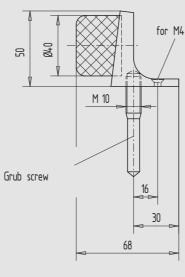
#### Door buffer, floor-mounted

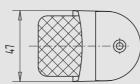
- door weight up to 25 kg.
- alumimium buffer cap
- with grey rubber buffer

Artno.	Material/Surface Bumper cap
06.408.0000.112	Aluminium, E4/C-0 anodized
06.408.0000.235	Aluminium, silver lacquered
06.408.0000.245	Aluminium, dark-bronze lacquered
06.408.0000.255	Aluminium, RAL 9016 powder-coated









#### Door buffer, floor-mounted

- door weight up to 40 kg.
- with grey rubber buffer

Artno.	Material/Surface
06.409.0000.112	Aluminium, E4/C-0 anodized
06.409.0000.152	Aluminium, E4/C-34 anodized
06.409.0000.255	Aluminium, RAL 9016 powder-coated

#### Door buffer, floor-mounted

- door weight up to 40 kg.
- with grey rubber buffer
- with grub screw

Artno.	Material/Surface
06.410.0000.113	Aluminium, E5/C-0 anodized
06.410.0000.235	Aluminium, silver lacquered
06.410.0000.245	Aluminium, dark-bronze lacquered
06.410.0000.255	Aluminium, RAL 9016 powder-coated





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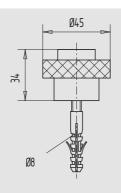
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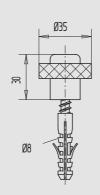
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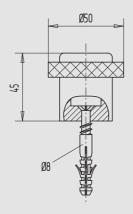
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#### Door buffer, floor-mounted

- aluminium or stainless steel
- with black rubber ring

Artno.	Material/Surface
06.411.0000.113	Aluminium, E5/C-0 anodized
06.411.0000.426	Stainless Steel V2A, matt brushed

#### Door buffer, floor-mounted

- door weight up to 30 kg.
- aluminium or stainless steel
- with black rubber ring

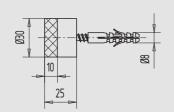
Artno.	Material/Surface
06.412.0000.113	Aluminium, E5/C-0 anodized
06.412.0000.153	Aluminium, E5/C-34 anodized
06.412.0000.255	Aluminium, RAL 9016 powder-coated
06.412.0000.426	Stainless Steel V2A, matt brushed

#### Door buffer, floor-mounted

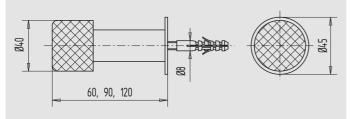
- door weight up to 50 kg.
- aluminium or stainless steel
- with black rubber ring

Artno.	Material/Surface
06.414.0000.113	Aluminium, E5/C-0 anodized
06.414.0000.153	Aluminium, E5/C-34 anodized
06.414.0000.255	Aluminium, RAL 9016 powder-coated
06.414.0000.426	Stainless Steel V2A, matt brushed





# fuer M4 Ø25 60,80,100,120 Ø40 Ø55



#### Door buffer, wall-mounted

- door weight up to 80 kg.
- aluminium or stainless steel
- with black rubber buffer

Artno.		Material/Surface
06.451.0000.113		Aluminium, E5/C-0 anodized
06.451.0000.153		Aluminium, E5/C-34 anodized
06.451.0000.255		Aluminium, RAL 9016 powder- coated
06.451.0000.426		Stainless Steel V2A, matt brushed
Information	The rubber buffer	is also white colored available.

#### Door buffer, wall-mounted

- door weight up to 25 kg.60, 80, 100 or 120 mm long
- steel or stainless steel
- with grey rubber buffer

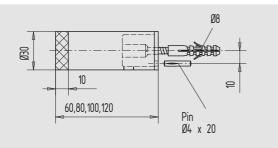
Artno.	Length	Material/Surface
06.452.0060.035	60	Steel, silver lacquered
06.452.0060.045	60	Steel, dark-bronze lacquered
06.452.0060.054	60	Steel, RAL 9016 lacquered
06.452.0060.426	60	Stainless Steel V2A, matt brushed
06.452.0080.035	80	Steel, silver lacquered
06.452.0080.045	80	Steel, dark-bronze lacquered
06.452.0080.054	80	Steel, RAL 9016 lacquered
06.452.0080.426	80	Stainless Steel V2A, matt brushed
06.452.0100.035	100	Steel, silver lacquered
06.452.0100.045	100	Steel, dark-bronze lacquered
06.452.0100.054	100	Steel, RAL 9016 lacquered
06.452.0100.426	100	Stainless Steel V2A, matt brushed
06.452.0120.035	120	Steel, silver lacquered
06.452.0120.045	120	Steel, dark-bronze lacquered
06.452.0120.054	120	Steel, RAL 9016 lacquered
06.452.0120.426	120	Stainless Steel V2A, matt brushed

Information The rubber buffer is also white colored available. The door buffer is also with special length available.

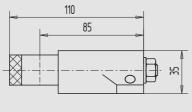
#### Door buffer, wall-mounted

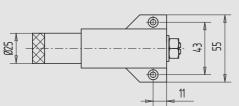
- door weight up to 30 kg.
- aluminium or stainless steel
- with black rubber buffer

Artno.	Length	Material/Surface
06.453.0060.112	60	Aluminium, E4/C-0 anodized
06.453.0060.426	60	Stainless Steel V2A, matt brushed
06.453.0090.112	90	Aluminium, E4/C-0 anodized
06.453.0090.426	90	Stainless Steel V2A, matt brushed
06.453.0120.112	120	Aluminium, E4/C-0 anodized
06.453.0120.426	120	Stainless Steel V2A, matt brushed



# Ø6 Ø12.5





#### Door buffer, wall-mounted

- door weight up to 40 kg.
- 60, 80, 100 or 120 mm long
- aluminium or stainless steel
- with black rubber buffer

Artno.	Length	Material/Surface
06.454.0060.113	60	Aluminium, E5/C-0 anodized
06.454.0060.153	60	Aluminium, E5/C-34 anodized
06.454.0060.255	60	Aluminium, RAL 9016 powder-coated
06.454.0060.426	60	Stainless Steel V2A, matt brushed
06.454.0080.113	80	Aluminium, E5/C-0 anodized
06.454.0080.153	80	Aluminium, E5/C-34 anodized
06.454.0080.255	80	Aluminium, RAL 9016 powder-coated
06.454.0080.426	80	Stainless Steel V2A, matt brushed
06.454.0100.113	100	Aluminium, E5/C-0 anodized
06.454.0100.153	100	Aluminium, E5/C-34 anodized
06.454.0100.255	100	Aluminium, RAL 9016 powder-coated
06.454.0100.426	100	Stainless Steel V2A, matt brushed
06.454.0120.113	120	Aluminium, E5/C-0 anodized
06.454.0120.153	120	Aluminium, E5/C-34 anodized
06.454.0120.255	120	Aluminium, RAL 9016 powder-coated
06.454.0120.426	120	Stainless Steel V2A, matt brushed
Information		ouffer is also white colored ie door buffer is also with h available.

#### **Rubber buffer**

- suitable for 2 mm steel frame
- drilling-hole 6 mm diameter

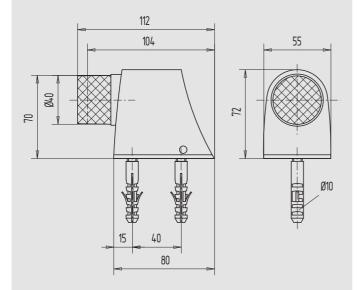
Artno.	Material/Surface
06.455.0000.505	PVC, nature
06.455.0000.565	PVC, black

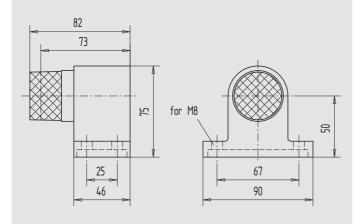
#### Door buffer, adjustable spring pressure

- door weight up to 30 kg.
- with grey rubber buffer
- floor-mounted

Artno.	Material/Surface
06.500.0000.113	Aluminium, E5/C-0 anodized
06.500.0000.153	Aluminium, E5/C-34 anodized
06.500.0000.255	Aluminium, RAL 9016 powder-coated







#### Door buffer, floor-mounted, with spring

- door weight up to 75 kg.
- aluminium or stainless steel
- with black rubber buffer
- with fastening accessories

Artno.	Material/Surface
06.501.0000.113	Aluminium, E5/C-0 anodized
06.501.0000.153	Aluminium, E5/C-34 anodized
06.501.0000.255	Aluminium, RAL 9016 powder-coated
06.501.0000.426	Stainless Steel V2A, matt brushed

#### Door buffer, floor-mounted, with spring

- door weight up to 120 kg.
- with black rubber buffer
- stainless steel bolt
- with fastening accessories

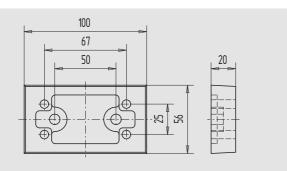
Artno.	Material/Surface
06.502.0000.113	Aluminium, E5/C-0 anodized
06.502.0000.198	Aluminium, Stainless Steel effect
06.502.0000.235	Aluminium, silver lacquered
06.502.0000.245	Aluminium, dark-bronze lacquered
06.502.0000.255	Aluminium, RAL 9016 powder-coated

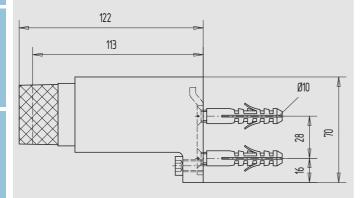
#### Door buffer, floor-mounted, with spring

- door weight up to 100 kg.
- aluminium or stainless steel
- with black rubber buffer
- stainless steel bolt

Artno.	Material/Surface
06.503.0000.113	Aluminium, E5/C-0 anodized
06.503.0000.220	Aluminium, black lacquered
06.503.0000.235	Aluminium, silver lacquered
06.503.0000.245	Aluminium, dark-bronze lacquered
06.503.0000.426	Stainless Steel V2A, matt brushed









#### Plate for height compensation

■ 20 mm high

Artno.	Material/Surface	
06.154.0000.220	Aluminium, black lacquered	
Installation	We recommend the usage of M8-hexagon-socket screws for fastening.	

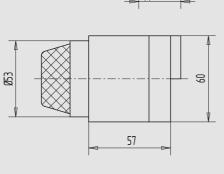
#### Door buffer, floor-mounted, with spring

- door weight up to 100 kg.with black rubber buffer
- stainless steel bolt

Artno.	Material/Surface	
06.505.0000.113	Aluminium, E5/C-0 anodized	
06.505.0000.220	Aluminium, black lacquered	
06.505.0000.235	Aluminium, silver lacquered	
06.505.0000.245	Aluminium, dark-bronze lacquered	
Special	The door buffer also in rotatable version (10°) available.(artno. 06.505.0010)	



# 90 80 15 200 170 арргох. 30



#### Gate buffer, with spring

- gate weight up to 200 kg.steel or stainless steel

Artno.	Material/Surface
06.550.0000.020	Steel, black lacquered
06.550.0000.035	Steel, silver lacquered
06.550.0000.426	Stainless Steel V2A, matt brushed

#### Gate buffer, with spring

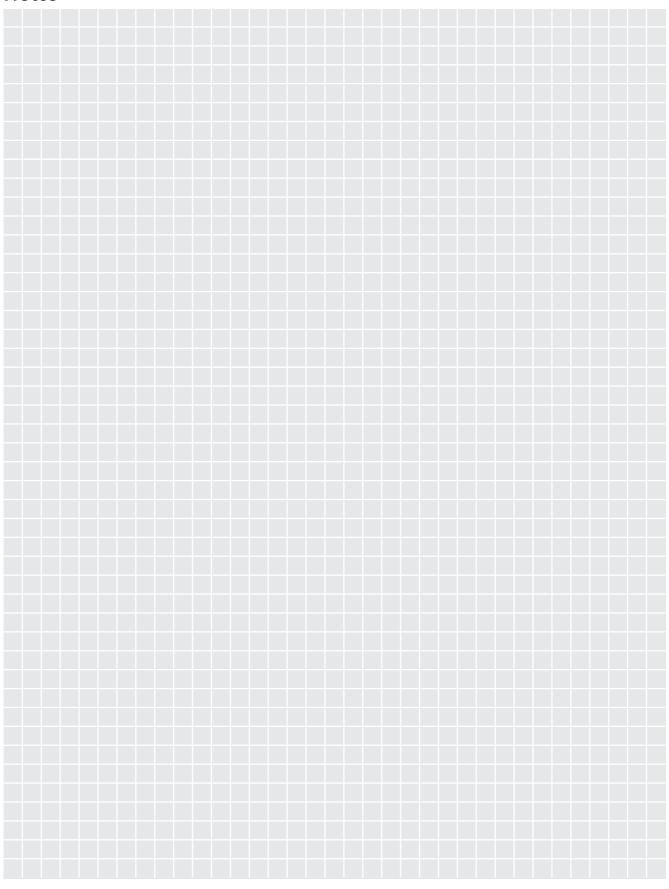
- gate weight up to 200 kg.floor-mounted

Artno.	Material/Surface
06.551.0000.020	Steel, black lacquered
06.551.0000.035	Steel, silver lacquered





#### **Notes**



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#### Surface mounted or concealed. Cremone bolts for any demand.

- with visible or concealed fixing
- stainless steel, brass or light alloy
- also as lockable version
- wide range of accessories available

The huge variety of models made from different materials enables the solution for any problem concerning cremone bolts.

#### With fold lever or square-folower. Concealed locking.

- 20 mm maximum travel
- displaced rod connectors up to 65 mm backset
- single- and double-sided acting
- Actuation by light alloy fold lever or 8 mm squarefollower

The maximum stroke of 20 mm guarantees a safe locking and prevents the distortion of the door.





#### No chance for sound and smoke.

#### For sound-, smoke- and fire resistant doors

- right and left usable
- maximum tightening height 16 mm
- with one- and both-sided release
- up to 125 mm cuttable by customer

#### Private households

- patented version for tighter doors
- right and left usable
- maximum tightening height 15 mm
- simple pre-installation for time saving installation
- easy installation also on sliding doors

Due to the both-sided release of the floor seals, the grinding area is reduced about approx. 80 %, which means a lower abrasion and higher durability.

#### Keeps everything tight.

- for sound-, smoke- and fire resistant doors parallel lowering of the whole leaf width
- Parallel lowering on the whole leaf-width
- maximum tightening up to 20 mm
- one-sided release on hinge-side
- up to 125 mm cuttable by customer
- Heavy-duty silicone-profile

The maximum tightening height of 20 mm allows the use of these floor seals also when there are large floor ducts.

WSS



### Frequently asked questions (FAQ).

■ Where are flush-/cremone bolts

Flush-/cremone bolts are used to lock the passive leaf of double-leaf doors.

■ What has to be considered while installation of flush- and cremone

In order to avoid locking blockages and damages, you have to look after the alignment of the hardware. The ends of the rods should additionally be beveled. By using floor bushes, the ideal locking to the floor is ensured.



■ Which guidelines must be kept in mind for usage of floor seals?

The guidelines of the system manufacturer must be considered when using door seals.



Are floor seals cuttable to any

It is possible to shorten the lengths, acc. to the manufacturer's guidelines, for the different types.

#### What is a safety catch?

A safety catch is a passive-leaf locking device with a square bar and a springy latch on a full frame double-leaf door. The operation is done by a gear-box on the door leaf.



Illustration shows cremone bolt turning to the left

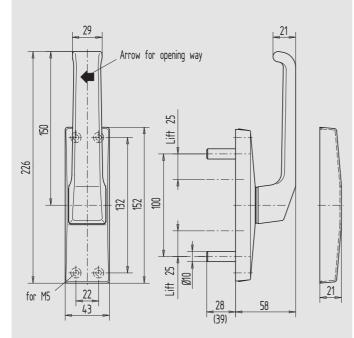


Illustration shows cremone bolt turning to the left

# Cremone bolt, visible screwing

- stroke 25 mm
- bolt 28 mm protruding

Artno.	DIN direction	Material/Surface
07.100.2800.112	right rotating	Aluminium, E4/C-0 anodized
07.100.2800.152	right rotating	Aluminium, E4/C-34 anodized
07.100.2800.230	right rotating	Aluminium, silver powder-coated
07.100.2800.250	right rotating	Aluminium, RAL 9010 powder-coated
07.100.2800.255	right rotating	Aluminium, RAL 9016 powder-coated
07.100.2800.299	right rotating	Aluminium, special surface
07.101.2800.112	left rotaring	Aluminium, E4/C-0 anodized
07.101.2800.152	left rotaring	Aluminium, E4/C-34 anodized
07.101.2800.230	left rotaring	Aluminium, silver powder-coated
07.101.2800.250	left rotaring	Aluminium, RAL 9010 powder-coated
07.101.2800.255	left rotaring	Aluminium, RAL 9016 powder-coated
07.101.2800.299	left rotaring	Aluminium, special surface
Special	Cremone holt :	also with 39 mm bolt available.

#### Accessories:

Rod connectors and round rod see **page 427**Guiding-/floor bushes and floor closing hutch see **page 428** 

# Cremone bolt, concealed screwing

- with cover cap
- stroke 25 mm
- bolt 28 mm protruding

Artno.	DIN direction	Material/Surface
07.102.2800.112	right rotating	Aluminium, E4/C-0 anodized
07.102.2800.152	right rotating	Aluminium, E4/C-34 anodized
07.102.2800.250	right rotating	Aluminium, RAL 9010 powder-coated
07.102.2800.255	right rotating	Aluminium, RAL 9016 powder-coated
07.102.2800.299	right rotating	Aluminium, special surface
07.103.2800.112	left rotaring	Aluminium, E4/C-0 anodized
07.103.2800.152	left rotaring	Aluminium, E4/C-34 anodized
07.103.2800.250	left rotaring	Aluminium, RAL 9010 powder-coated
07.103.2800.255	left rotaring	Aluminium, RAL 9016 powder-coated
07.103.2800.299	left rotaring	Aluminium, special surface

**Special** Cremone bolt also with 39 mm bolt available.

#### Accessories:

Rod connectors and round rod see **page 427**Guiding-/floor bushes and floor closing hutch see **page 428** 

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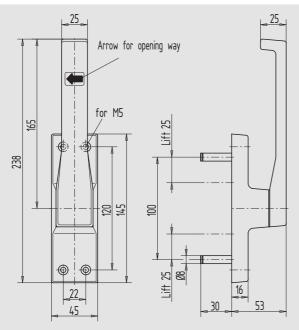


Illustration shows cremone bolt turning to the left

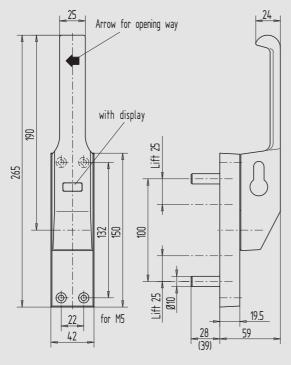


Illustration shows cremone bolt turning to the left

#### Cremone bolt, stainless steel

- stroke 25 mm
- bolt 30 mm protruding

Artno.	DIN direction	Material/Surface
07.104.3000.426	right rotating	Stainless Steel V2A, matt brushed
07.105.3000.426	left rotaring	Stainless Steel V2A, matt brushed
Special	Cremone bolt als	so with 39 mm bolt available.

#### Accessories:

Rod connectors and round rod see page 427
Guiding-/floor bushes and floor closing hutch see page 428

# Cremone bolt, lockable

- stroke 25 mm
- bolt 28 mm protruding
- prepared for profile-short-single cylinder
- with display, red = locked / green = released

Artno.	DIN direction	Material/Surface
07.106.2800.112	right rotating	Aluminium, E4/C-0 anodized
07.106.2800.152	right rotating	Aluminium, E4/C-34 anodized
07.106.2800.230	right rotating	Aluminium, silver powder-coated
07.106.2800.250	right rotating	Aluminium, RAL 9010 powder-coated
07.106.2800.255	right rotating	Aluminium, RAL 9016 powder-coated
07.106.2800.299	right rotating	Aluminium, special surface
07.107.2800.112	left rotaring	Aluminium, E4/C-0 anodized
07.107.2800.152	left rotaring	Aluminium, E4/C-34 anodized
07.107.2800.230	left rotaring	Aluminium, silver powder-coated
07.107.2800.250	left rotaring	Aluminium, RAL 9010 powder-coated
07.107.2800.255	left rotaring	Aluminium, RAL 9016 powder-coated
07.107.2800.299	left rotaring	Aluminium, special surface
Special	Cremone bolt also with 39 mm bolt as well as with lever position "below", at drawn-in rods, lockable available.	

#### Accessories:

Rod connectors and round rod see page 427
Guiding-/floor bushes and floor closing hutch see page 428
Profile-short-single cylinder page 195



#### Cremone bolt, straight lever

- aluminium or brass
- stroke 20 mm
- bolt 24 mm protruding

Artno.	Material/Surface
07.108.2400.112	Aluminium, E4/C-0 anodized
07.108.2400.152	Aluminium, E4/C-34 anodized
07.108.2400.230	Aluminium, silver powder-coated
07.108.2400.250	Aluminium, RAL 9010 powder-coated
07.108.2400.255	Aluminium, RAL 9016 powder-coated
07.108.2400.299	Aluminium, special surface
07.108.2400.316	Brass, polished
07.108.2400.325	Brass, matt nickel plated
07.108.2400.326	Brass, matt brushed

Special Cremone bolt also with 39 mm bolt available.

#### Accessories:

Rod connectors and round rod see page 427 Guiding-/floor bushes and floor closing hutch see page 428

#### Cremone bolt, cropped lever

- aluminium or brass
- stroke 20 mm
- bolt 24 mm protruding

07.110.2400	right cropped
07.111.2400	left cropped
Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
230	Aluminium, silver powder-coated
250	Aluminium, RAL 9010 powder-coated
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
316	Brass, polished
325	Brass, matt nickel plated
326	Brass, matt brushed
Special	Cremone bolt also with 39 mm bolt available.

#### Accessories:

Rod connectors and round rod see page 427 Guiding-/floor bushes and floor closing hutch see page 428

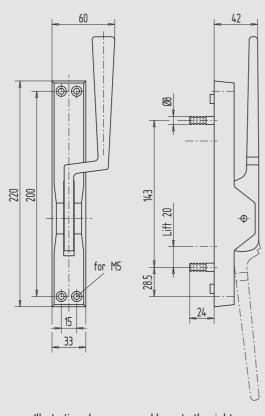
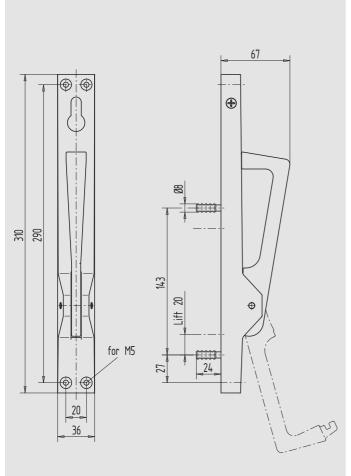


Illustration shows cropped lever to the right.



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# Cremone bolt, lockable

- aluminium or brass
- stroke 20 mm
- bolt 24 mm protruding
- prepared for profile-short-single cylinder

	'	0 7
Artno.		Material/Surface
07.112.2400.112		Aluminium, E4/C-0 anodized
07.112.2400.152		Aluminium, E4/C-34 anodized
07.112.2400.230	)	Aluminium, silver powder-coated
07.112.2400.250	)	Aluminium, RAL 9010 powder-coated
07.112.2400.255	į	Aluminium, RAL 9016 powder-coated
07.112.2400.299	,	Aluminium, special surface
07.112.2400.316	į	Brass, polished
07.112.2400.325		Brass, matt nickel plated
07.112.2400.326	;	Brass, matt brushed
Special	Cremone bo	olt also with 39 mm bolt available.

#### Accessories:

Rod connectors and round rod see page 427 Guiding-/floor bushes and floor closing hutch see page 428 Profile-short-single cylinder page 195

#### **Cremone bolt**

- bolt 28 mm protruding
- push plate with labelling "Auf" / "Zu"

Artno.	Material/Surface
07.113.2800.112	Aluminium, E4/C-0 anodized
07.113.2800.152	Aluminium, E4/C-34 anodized
07.113.2800.250	Aluminium, RAL 9010 powder-coated
07.113.2800.255	Aluminium, RAL 9016 powder-coated
07.113.2800.299	Aluminium, special surface

#### Accessories:

Rod connectors and round rod see **page 427**Guiding-/floor bushes and floor closing hutch see **page 428** 



#### Cremone bolt, lockable

- bolt 28 mm protruding
- prepared for profile-short-single cylinder
   push plate with labelling "Auf" / "Zu"

Artno.	Material/Surface
07.114.2800.112	Aluminium, E4/C-0 anodized
07.114.2800.152	Aluminium, E4/C-34 anodized
07.114.2800.250	Aluminium, RAL 9010 powder-coated
07.114.2800.255	Aluminium, RAL 9016 powder-coated
07.114.2800.299	Aluminium, special surface

#### Accessories:

Rod connectors and round rod see page 427 Guiding-/floor bushes and floor closing hutch see page 428 Profile-short-single cylinder page 190





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Sunk for M5

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Sunk for M5

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Illustration shows cremone bolt turning to the left

for screw ST 3.5

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Arrow for opening way

- for 12 mm aluminium square rods

  - 1 upper locking piece

  - 3 PVC-distance plates

•		
Artno.	DIN direction	Material/Surface
07.150.0000.230	right rotating	Aluminium, silver powder-coated
07.150.0000.240	right rotating	Aluminium, dark-bronze powder-coated
07.150.0000.250	right rotating	Aluminium, RAL 9010 powder-coated
07.150.0000.255	right rotating	Aluminium, RAL 9016 powder-coated
07.150.0000.299	right rotating	Aluminium, special surface
07.151.0000.230	left rotaring	Aluminium, silver powder-coated
07.151.0000.240	left rotaring	Aluminium, dark-bronze powder-coated
07.151.0000.250	left rotaring	Aluminium, RAL 9010 powder-coated
07.151.0000.255	left rotaring	Aluminium, RAL 9016 powder-coated
07.151.0000.299	left rotaring	Aluminium, special surface

#### Accessories:

Aluminium square rod page 425

#### **Cremone bolt**

- face-mounted lock
- - 4 rod guides and PVC-guide-pieces
  - 1 Locking plate
  - (without square rod)

?	?	page 416



# Cremone bolt, lockable

- face-mounted lock
- for 12 mm aluminium square rods
- prepared for single profile cylinder
- with display, red = locked / green = released with:
  - 4 rod guides and PVC-guide-pieces
  - 1 upper locking piece
  - 1 locking plate
  - 3 PVC-distance plates (without square rod)

Artno.	DIN direction	Material/Surface
07.152.0000.230	right rotating	Aluminium, silver powder-coated
07.152.0000.240	right rotating	Aluminium, dark-bronze powder-coated
07.152.0000.250	right rotating	Aluminium, RAL 9010 powder-coated
07.152.0000.255	right rotating	Aluminium, RAL 9016 powder-coated
07.152.0000.299	right rotating	Aluminium, special surface
07.153.0000.230	left rotaring	Aluminium, silver powder-coated
07.153.0000.240	left rotaring	Aluminium, dark-bronze powder-coated
07.153.0000.250	left rotaring	Aluminium, RAL 9010 powder-coated
07.153.0000.255	left rotaring	Aluminium, RAL 9016 powder-coated
07.153.0000.299	left rotaring	Aluminium, special surface

#### Accessories:

Aluminium square rod **page 425**Profile single cylinder, keyed differently **page 190** 



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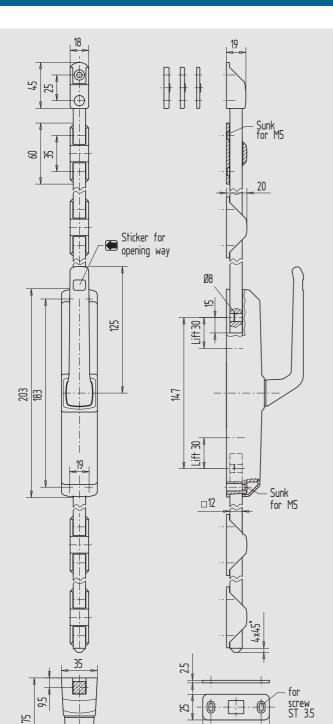
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#### Cremone bolt, concealed screwing

- face-mounted lock
- for 12 mm aluminium square rods
- with cover cap
- right and left hand usable

#### with:

- 4 rod guides and PVC-guide-pieces
- 1 upper locking piece
- 1 Locking plate
  3 PVC-distance plates

(without square rod)

(Without square rou)		
Artno.	Direction	Material/Surface
07.154.0000.730	right rotating	Zinc Die Casting, silver powder-coated
07.154.0000.740	right rotating	Zinc Die Casting, dark-bronze powder-coated
07.154.0000.750	right rotating	Zinc Die Casting, RAL 9010 powder- coated
07.154.0000.755	right rotating	Zinc Die Casting, RAL 9016 powder- coated
07.154.0000.780	right rotating	Zinc Die Casting, yellow chromated
07.154.1000.730	left rotaring	Zinc Die Casting, silver powder-coated
07.154.1000.740	left rotaring	Zinc Die Casting, dark-bronze powder-coated
07.154.1000.750	left rotaring	Zinc Die Casting, RAL 9010 powder- coated
07.154.1000.755	left rotaring	Zinc Die Casting, RAL 9016 powder- coated
07.154.1000.780	left rotaring	Zinc Die Casting, yellow chromated
Information		face GD-Zn, yellow chromated y customer convenient.
Accessories:		

Aluminium square rod page 425



#### Cremone bolt

- face-mounted lock
- for 12 mm aluminium square rods
  - 4 rod guides and PVC-guide-pieces
  - 1 upper locking piece
  - 1 Locking plate
  - 3 PVC-distance plates (without square rod)

Artno.	Material/Surface		
07.155.0000.730	Zinc Die Casting, silver powder-coated		
07.155.0000.740	Zinc Die Casting, dark-bronze powder-coated		
07.155.0000.750	Zinc Die Casting, RAL 9010 powder-coated		
07.155.0000.755	Zinc Die Casting, RAL 9016 powder-coated		
07.155.0000.780	Zinc Die Casting, yellow chromated		
Information	Material/Surface GD-Zn, yellow chromated for coating by customer convenient.		

#### Accessories:

Aluminium square rod art.-no. 07.156... (see below) Mounting angle for escape door hood

#### Aluminium square rod

- 12 mm square
- both-sided drilled
- length 2500 mm

Artno.	Material/Surface
07.156.0000.105	Aluminium, bright
07.156.0000.230	Aluminium, silver powder-coated
07.156.0000.240	Aluminium, dark-bronze powder-coated
07.156.0000.250	Aluminium, RAL 9010 powder-coated
07.156.0000.255	Aluminium, RAL 9016 powder-coated
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#### suitable for:

Cremone bolt, on-laying rods see page 422



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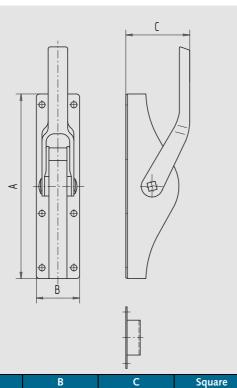
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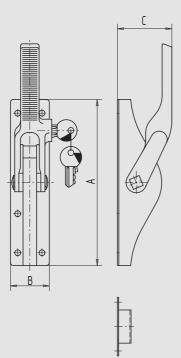
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Α	В	С	Square
170	35	48	10
180	40	58	13
180	40	58	14
252	55	67	16
280	60	85	19



Α	В	С	Square
170	35	53	10
180	40	58	13
237	50	67	16
282	60	85	19

#### **Cremone bolt**

- face-mounted lock
- for square rods
- with plate and guiding loops

Artno.	for square rods	Quantity of guide loops	Material/Surface
07.180.0010.010	10	2	Steel, zinc-plated
07.180.0013.010	13	3	Steel, zinc-plated
07.180.0013.426	13	3	Stainless Steel V2A, matt brushed
07.180.0014.010	14	3	Steel, zinc-plated
07.180.0016.010	16	3	Steel, zinc-plated
07.180.0019.010	19	4	Steel, zinc-plated

#### Accessories:

Square rod page 431
Stone bush page 431

#### Cremone bolt, lockable

- face-mounted lock
- for square rods
- with plate and guiding loops
- with 2 keys

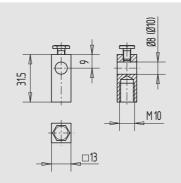
Artno.	for square rods	Quantity of guide loops	Material/Surface
07.181.0010.010	10	2	Steel, zinc-plated
07.181.0013.010	13	3	Steel, zinc-plated
07.181.0016.010	16	3	Steel, zinc-plated
07.181.0019.010	19	4	Steel, zinc-plated

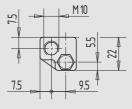
#### Accessories:

Square rod page 431
Stone bush page 431











#### **Rod connector**

- inner thread M10 and adjustment screw M5
- drilling hole for 8 or 10 mm round bolt

Artno.	for bolt	Material/Surface	
07.200.0008.010	8 mm Ø	Steel, zinc-plated	
07.200.0010.010	10 mm Ø	Steel, zinc-plated	

#### **Rod connector**

- inner thread M10 and adjustment screw M5
- drilling hole for 8 or 10 mm round bolt

Artno.	for bolt	Material/Surface	
07.201.0008.010	8 mm Ø	Steel, zinc-plated	
07.201.0010.010	10 mm Ø	Steel, zinc-plated	

#### **Round rod**

- 10 mm diameter
- both sides with thread M10
- length 2000 or 2500 mm

Artno.	Length	Material/Surface
07.210.2000.010	2000	Steel, zinc-plated
07.210.2000.105	2000	Aluminium, bright
07.210.2000.114	2000	Aluminium, E6/C-0 anodized
07.210.2000.405	2000	Stainless Steel V2A, bright
07.210.2500.010	2500	Steel, zinc-plated
07.210.2500.105	2500	Aluminium, bright
07.210.2500.114	2500	Aluminium, E6/C-0 anodized
07.210.2500.405	2500	Stainless Steel V2A, bright



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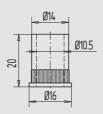
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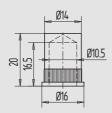
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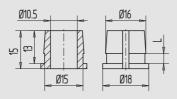
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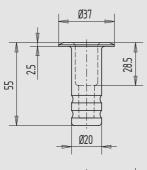
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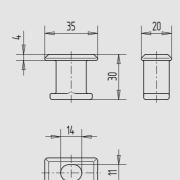












# Guiding bush, open

■ for 10 mm round rod

Artno.	Material/Surface
10.761.0000.375	Brass, nickel plated

# Guiding bush, closed

for 10 mm round rod

Artno.	Material/Surface
10.762.0000.375	Brass, nickel plated

# Guiding bush , PVC, open

■ for 10 mm round rod

Artno.	L (Wall thickness)	Material/Surface
10.763.0003.505	3	PVC, nature
10.763.0004.505	4	PVC, nature

#### Floor bush

for 10 mm round rod

Artno.	Material/Surface
07.230.0000.310	Brass, zinc-plated

#### Floor bush

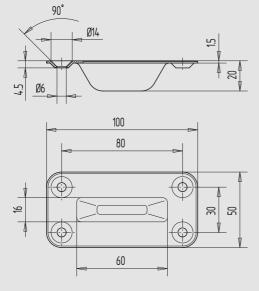
for 10 mm round rod

Artno.	Material/Surface
07.231.0000.305	Brass, bright



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#### Floor bush

- for 10 mm round rod
- steel or brass plate
- with spring mounted ball as cover

Artno.	Platte
07.232.0000.010	Steel, zinc-plated
07.232.0000.376	Brass, velour nickel-plated

#### Floor bush

- for 10 mm round rod
- aluminium case
- with springy lock
- with cover plate, stainless steel matt brushed

Artno.	Material/Surface
07.233.0000.426	Stainless Steel V2A, matt brushed

#### Floor locking hutch

for 10 mm round rod

Artno.	Material/Surface
07.234.0000.426	Stainless Steel V2A, matt brushed



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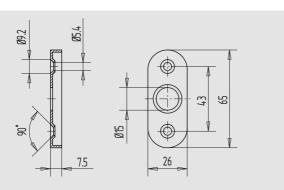
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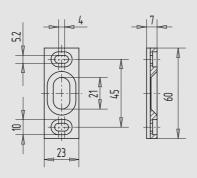
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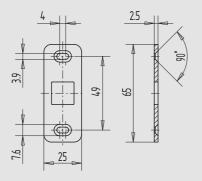
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#### **Cover rose**

for flush bolt with square follower

Artno.	Material/Surface
07.235.0000.112	Aluminium, E4/C-0 anodized

# Locking plate, for 10 mm round rod

■ to screw-on

Artno.	Material/Surface
07.240.0000.112	Aluminium, E4/C-0 anodized

# Locking plate, for 12 mm square rod

■ to screw-on

Artno.	Material/Surface
07.241.0000.426	Stainless Steel V2A, matt brushed



Α	В	С	D	E	Square
12	35	38	48	47	10
15	30	38	48	47	13
17	35	45	52	50	16
21	35	45	52	50	19

#### Square rod

- one-sided / both-sided notched and punched
- steel zinc plated

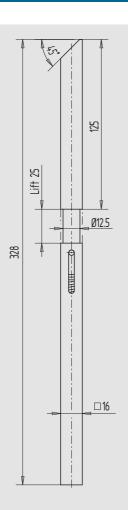
Artno.	Square	Length	released and punched
07.270.1000.010	9	1000	one-sided
07.270.1501.010	9	1500	both-sided
07.270.2001.010	9	2000	both-sided
07.271.1000.010	10	1000	one-sided
07.271.1250.010	10	1250	one-sided
07.271.1500.010	10	1500	one-sided
07.271.2501.010	10	2500	both-sided
07.272.1000.010	13	1000	one-sided
07.272.1250.010	13	1250	one-sided
07.272.1500.010	13	1500	one-sided
07.272.2501.010	13	2500	both-sided
07.273.1500.010	14	1500	one-sided
07.273.2501.010	14	2500	both-sided
07.274.1000.010	16	1000	one-sided
07.274.1250.010	16	1250	one-sided
07.274.1500.010	16	1500	one-sided
07.724.2000.010	16	2000	one-sided
07.274.2501.010	16	2500	both-sided
07.275.2501.010	19	2500	both-sided
07.275.3001.010	19	3000	both-sided

#### Stone bush

- with removable dirt-case
- floor-mounted

Artno.	Square	Material/Surface
07.280.0010.610	10	Malleable Cast Iron, zinc-plated
07.280.0013.610	13	Malleable Cast Iron, zinc-plated
07.280.0016.610	16	Malleable Cast Iron, zinc-plated
07.280.0019.610	19	Malleable Cast Iron, zinc-plated





#### Rod head, springy

- for use in explosive roomsto weld-on to 16 mm square rods

Artno.	Material/Surface
07.290.0000.010	Steel, zinc-plated



### Flush

### Tubular flush bolt

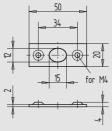
- 20 mm broad
- thread bushes M6
- with strike plate

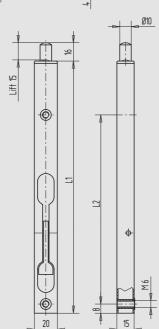
### Actuation by slider

Artno.	L1	L2	Material/Surface
07.300.0200.010	200	145	Steel, zinc-plated
07.300.0250.010	250	195	Steel, zinc-plated
07.300.0300.010	300	240	Steel, zinc-plated
07.300.0400.010	400	340	Steel, zinc-plated
07.300.0500.010	500	445	Steel, zinc-plated

### Actuation by lever

Artno.	L1	L2	Material/Surface
07.301.0220.010	220	165	Steel, zinc-plated
07.301.0250.010	250	195	Steel, zinc-plated
07.301.0300.010	300	245	Steel, zinc-plated
07.301.0400.010	400	340	Steel, zinc-plated
07.301.0500.010	500	443	Steel, zinc-plated







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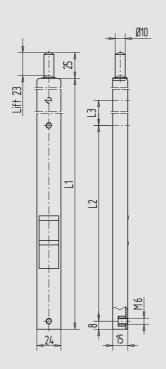
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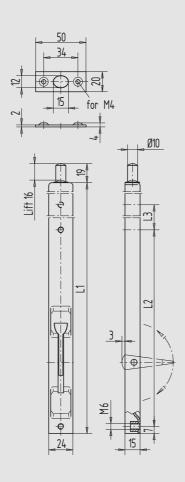
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### U-shape flush bolt

- 24 mm broad
- thread bushes M6
- with strike plate

### Actuation by slider

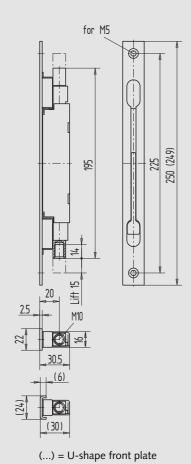
Artno.	L1	L2	L3	Material/Surface
07.320.0250.010	250	195		Steel, zinc-plated
07.320.0300.010	300	245		Steel, zinc-plated
07.320.0400.010	400	205	140	Steel, zinc-plated
07.320.0500.010	500	245	195	Steel, zinc-plated

### Actuation by lever

Artno.	L1	L2	L3	Material/Surface
07.321.0220.010	220	165		Steel, zinc-plated
07.321.0250.010	250	195		Steel, zinc-plated
07.321.0300.010	300	245		Steel, zinc-plated
07.321.0400.010	400	205	140	Steel, zinc-plated
07.321.0500.010	500	245	200	Steel, zinc-plated



### (...) = U-shape front plate



Flush bolt with front plate

- backset 35 mm
- stroke 20 mm
- steel zinc plated
- double-side acting
- with aluminium lever
- rod connectors M10
- front plate, angular

Artno.	Front plate dim.	Version	Front plate
07.340.0000.010	22 x 3	Flat front plate	Steel, zinc-plated
07.340.0000.426	22 x 3	Flat front plate	Stainless Steel V2A, matt brushed
07.340.0010.010	24 x 3	Flat front plate	Steel, zinc-plated
07.340.0010.426	24 x 3	Flat front plate	Stainless Steel V2A, matt brushed
07.340.0020.426	24 x 6	U-shape front plate	Stainless Steel V2A, matt brushed
Special		ulso with displac 150/54/57/60/6	ed backset available. 55 mm)

### Accessories:

Round rod page 427
Guiding-/floor bushes see page 428

### Flush bolt with front plate

- backset 20 mm
- stroke 15 mm
- steel zinc plated
- double-side acting
- with aluminium lever
- rod connectors M10
- front plate, angular

Artno.	Front plate dim.	Version	Front plate
07.341.0000.010	22 x 2,5	Flat front plate	Steel, zinc-plated
07.341.0000.426	22 x 2,5	Flat front plate	Stainless Steel V2A, matt brushed
07.341.0020.426	24 x 6,0	U-shape front plate	Stainless Steel V2A, matt brushed
Special	'Flush holt	also with displa	ced backset available

### Accessories:

Round rod page 427
Guiding-/floor bushes see page 428

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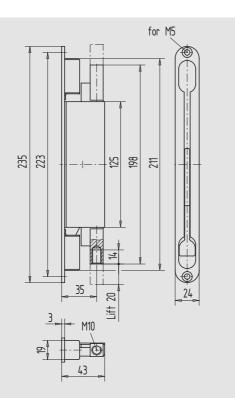
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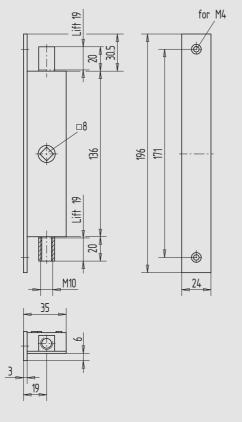
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### Flush bolt with front plate

- backset 35 mm
- stroke 20 mm
- steel zinc plated
- double-side acting
- with aluminium lever
- rod connectors M10
- rounded front plate
- front plate dimension 235 x 24 x 3 mm

Artno.	Front plate
07.342.0000.010	Steel, zinc-plated
07.342.0000.426	Stainless Steel V2A, matt brushed
Special	Flush bolt also with displaced backset available. (38/40/44/50/54/57/60/65 mm)

### Accessories:

Round rod page 427

Guiding-/floor bushes see page 428

### Flush bolt with front plate

- backset 19 mm
- stroke 19 mm
- steel zinc plated
- 8 mm square follower
- rod connectors M10

Artno.	Front plate
07.343.0000.010	Steel, zinc-plated
07.343.0000.426	Stainless Steel V2A, matt brushed

### Accessories:

Round rod page 427

Guiding-/floor bushes see **page 428** Socket key art.-no. 01.978.0000.625



### Flush bolt with front plate

- backset 16,5 mm
- stroke 12 mm
- base with thread M5
- steel zinc plated
- 8 mm square follower
- rod connectors M10

Artno.	Front plate
07.344.0000.010	Steel, zinc-plated
07.344.0000.426	Stainless Steel V2A, matt brushed

### Accessories:

Round rod page 427

Guiding-/floor bushes see page 428 Socket key art.-no. 01.978.0000.625

### Flush bolt with front plate

- backset 23 mm
- stroke 13 mm
- with dead-point-position and brass guide
- 8 mm square follower
- rod connectors M10

Artno.	Material/Surface
07.345.0000.010	Steel, zinc-plated
A	

### Accessories:

Round rod page 427

Guiding-/floor bushes see **page 428** Socket key art.-no. 01.978.0000.625

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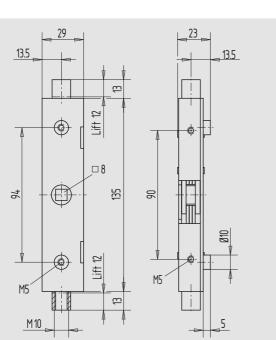
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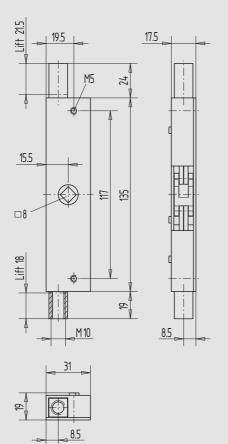
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### Flush bolt without front plate

- stroke 12 mm
- 8 mm square follower
- rod connectors M10
- thread M5 for fastening

Artno.	Material/Surface
07.360.0000.010	Steel, zinc-plated

### Accessories:

Round rod page 427 Guiding-/floor bushes see page 428 Socket key art.-no. 01.978.0000.625

### Flush bolt without front plate

- stroke 18/21,5 mm
- 8 mm square follower
- rod connectors M10
- thread M5 for fastening

Artno.	Material/Surface
07.361.0000.010	Steel, zinc-plated

### Accessories:

Round rod page 427

Guiding-/floor bushes see page 428 Socket key art.-no. 01.978.0000.625



## 13.5 29 24.3 14.8 14.8 14.8 15.8 16.3 16.3 16.3 16.3

### Flush bolt without front plate

- stroke13,5 mm
- 8 mm square follower
- rod connectors M10
- thread M5 for fastening

Artno.	Material/Surface
07.362.0000.010	Steel, zinc-plated

### Accessories:

Round rod page 427

Guiding-/floor bushes see page 428 Socket key art.-no. 01.978.0000.625

### Flush bolt without front plate

- stroke 12 mm
- 8 mm square follower
- rod connectors M10
- thread M5 for fastening

Artno.	Material/Surface
07.363.0000.010	Steel, zinc-plated
A	

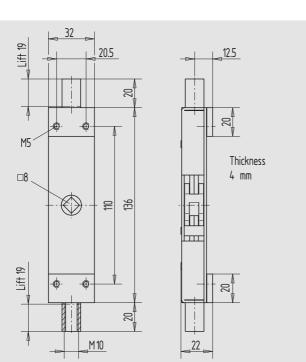
### Accessories:

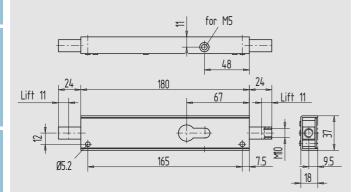
Round rod page 427

Guiding-/floor bushes see **page 428** Socket key art.-no. 01.978.0000.625

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### Flush bolt without front plate

- stroke 19 mm
- with reinforcement plates for fastening thread M5
- 8 mm square follower
- rod connectors M10

Artno.	Material/Surface
07.364.0000.010	Steel, zinc-plated

### Accessories:

Round rod page 427

Guiding-/floor bushes see page 428 Socket key art.-no. 01.978.0000.625

### Espagnolette gear

- for horizontal locking
- stroke 11 mm
- rod connectors M10
- prepared profile cylinder

Artno.	Material/Surface
07.380.0000.010	Steel, zinc-plated
Accessories:	

Round rod page 427 Profile cylinder page 189



### Gear box, lockable



- prepared for profile cylinder
- right and left hand usable
- bolt 9 mm diameter
- with weld-on plate

Artno.	Bolt length (A)
07.400.0035	35
07.400.0045	45
07.400.0050	50

Surface codes	Material/Surface	
030	Steel, silver powder-coated	
065	Steel, deep-black powder-coated	
095	Steel, RAL powder-coated	
112	Aluminium, E4/C-0 anodized	
426	Stainless Steel V2A, matt brushed	
Information	The combination of lockable gear box with snap-in bolt is certified by MPA-NRW.	

### suitable for:

Snap-in bolt page 442

### Gear box

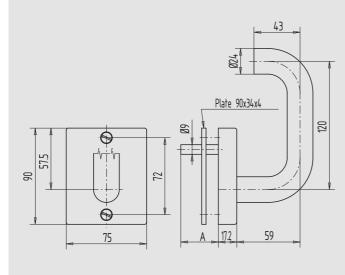
- right and left hand usable
- bolt 9 mm diameter
- with weld-on plate

Artno.	Bolt length (A)
07.401.0035	35
07.401.0045	45
07.401.0050	50

Surface codes	Material/Surface
030	Steel, silver powder-coated
065	Steel, deep-black powder-coated
095	Steel, RAL powder-coated
112	Aluminium, E4/C-0 anodized
426	Stainless Steel V2A, matt brushed

### suitable for:

Snap-in bolt page 442



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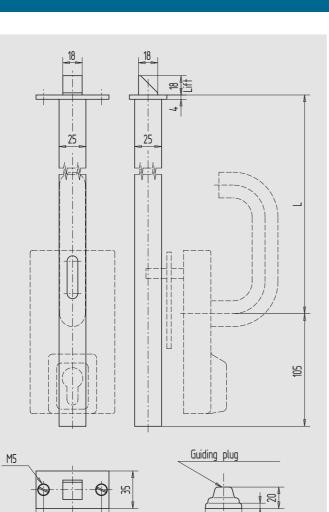
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### Latch bolt

Special



- right and left hand usable
- steel zinc plated normal length = 575 mm
- with guiding plug

Artno.	L	
07.450.0575.010	575	
07.450.0675.010	675	
07.450.0700.010	700	
07.450.0800.010	800	
07.450.0825.010	825	
07.450.0900.010	900	
07.450.0950.010	950	
07.450.1000.010	1000	
07.450.1100.010	1100	
07.450.1250.010	1250	
07.450.1500.010	1500	
Information	The combination of lockable gear box with snap-in bolt is certified by MPA-NRW.	

Snap-in bolt also in special length available.



### 300 (500) 021 021 021

### **Barrel** bolt

- base plate to weld-on
- bolt 18 mm diameter
- stroke 130 mm
- right and left hand usable

Artno.	Length	Material/Surface
07.500.0030.010	300	Steel, zinc-plated
07.500.0040.010	400	Steel, zinc-plated
07.500.0040.405	400	Stainless Steel V2A, bright
07.500.0050.010	500	Steel, zinc-plated
07.500.0060.010	600	Steel, zinc-plated
07.500.0080.010	800	Steel, zinc-plated
07.500.0100.010	1000	Steel, zinc-plated

### Barrel bolt

- bush to weld-on
- bolt 14 mm diameter
- stroke 93 mm
- right and left hand usable

Artno.	Length	Material/Surface	
07.501.0030.010	300	Steel, zinc-plated	
07.501.0050.010	500	Steel, zinc-plated	

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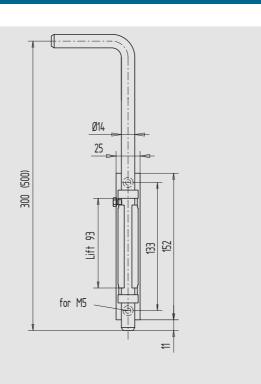
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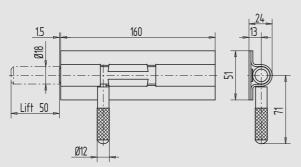
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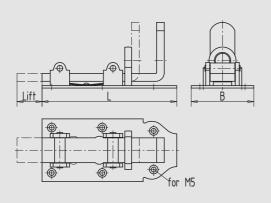
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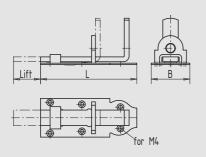
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### **Barrel bolt**

- base plate to screw-on
- bolt 14 mm diameter
- stroke 93 mm
- right and left hand usable

Artno.	Length	Material/Surface
07.502.0030.010	300	Steel, zinc-plated
07.502.0050.010	500	Steel, zinc-plated

### **Barrel bolt**

- bolt 18 mm diameter
- stroke 50 mm
- right and left hand usable

Artno.	Lift	Material/Surface	
07.503.0000.010	50	Steel, zinc-plated	

### **Roller bolt**

- handle slider with hole for pad lock
- steel zinc plated

Artno.	L	В	Lift	Material/Surface
07.550.0160.010	160	70	36	Steel, zinc-plated
07.550.0180.010	180	78	46	Steel, zinc-plated
07.550.0200.010	200	78	46	Steel, zinc-plated
07.550.0250.010	250	78	68	Steel, zinc-plated

### Locking bolt, stainless steel

- handle slider with hole for pad lock
- stainless steel V2A matt brushed

Artno.	L	В	Lift	Material/Surface
07.551.0100.405	100	40	28	Stainless Steel V2A, bright
07.551.0120.405	120	45	33	Stainless Steel V2A, bright
07.551.0140.405	140	52	41	Stainless Steel V2A, bright



## 3 x 120° for M5 Ø54 SW19 Illustration shows left lever handle

### Lever handle

- lever, one-sided
- round rose to screw-on

### straight guide

Artno.	Direction	Material/Surface
07.600.0000.010	right	Steel, zinc-plated
07.600.0000.416	right	Stainless Steel V2A, polished
07.601.0000.010	left	Steel, zinc-plated
07.601.0000.416	left	Stainless Steel V2A, polished

### cropped guide

Artno.	Direction	Material/Surface
07.602.0000.010	right	Steel, zinc-plated
07.603.0000.010	left	Steel, zinc-plated



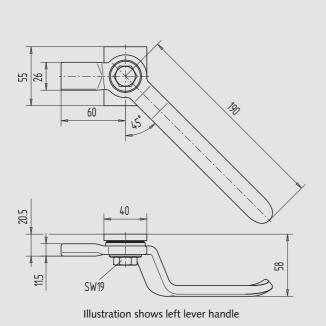


### Lever handle

- lever, one-sided
- rectangular rose to weld-on

### straight guide

Artno.	Direction	Material/Surface
07.604.0000.005	right	Steel, bright
07.605.0000.005	left	Steel, bright



### Illustration shows left lever handle

### cropped guide

Artno.	Direction	Material/Surface
07.606.0000.005	right	Steel, bright
07.607.0000.005	left	Steel, bright



Illustration shows left lever handle

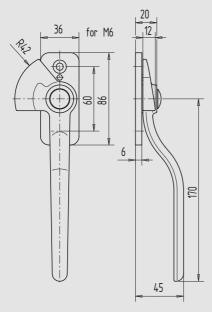


Illustration shows left lever handle

### Lever handle

- lever, one-sided, 120 mm long
- rectangular rose to screw-on
- steel or brass

Artno.	Direction	Material/Surface
07.608.0000.610	right	Malleable Cast Iron, zinc-plated
07.609.0000.610	left	Malleable Cast Iron, zinc-plated

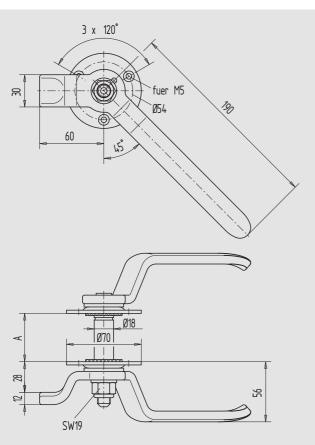
### Lever handle

- lever, one-sided, 170 mm long
- rectangular rose to screw-on
- malleable cast iron or brass

Artno.	Direction	Material/Surface
07.610.0000.610	right	Malleable Cast Iron, zinc-plated
07.611.0000.610	left	Malleable Cast Iron, zinc-plated







### Illustration shows left lever handle

### Lever handle

- cropped guide
- double-sided lever
- round roses to screw-on
- steel or stainless steel
- with security screw-nut and sealing-rings

Artno.	Direction	A (Door thickness)
07.620.0020	right	20
07.621.0020	left	20
07.620.0025	right	25
07.621.0025	left	25
07.620.0030	right	30
07.621.0030	left	30
07.620.0035	right	35
07.621.0035	left	35
07.620.0040	right	40
07.621.0040	left	40
07.620.0045	right	45
07.621.0045	left	45
07.620.0050	right	50
07.621.0050	left	50
07.620.0055	right	55
07.621.0055	left	55
07.620.0063	right	63
07.621.0063	left	63
07.620.0090	right	
07.621.0090	left	

Surface codes	Material/Surface
010	Steel, zinc-plated
416	Stainless Steel V2A, polished



# 3 x 120° 60 for M5 190 SW19

### Lever handle

- lever, double-sided
- round roses to screw-on
- with security screw-nut and seal-ring
- right and left usable

### straight guide

Artno.	A (Door thickness)	Material/Surface	
07.622.0040.010	40	Steel, zinc-plated	

### cropped guide

Artno.	A (Door thickness)	Material/Surface
07.623.0020.010	20	Steel, zinc-plated
07.623.0025.010	25	Steel, zinc-plated
07.623.0030.010	30	Steel, zinc-plated
07.623.0035.010	35	Steel, zinc-plated
07.623.0040.010	40	Steel, zinc-plated
07.623.0045.010	45	Steel, zinc-plated
07.623.0050.010	50	Steel, zinc-plated
07.623.0055.010	55	Steel, zinc-plated
07.623.0063.010	63	Steel, zinc-plated

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### Lever handle ■ lever, double-sided

- to screw-on
- with security screw-nut and seal-ringDoor thickness 40 mm

### Horizontal lever

Artno.	Direction	Material/Surface
07.624.0040.610	right	Malleable Cast Iron, zinc-plated
07.625.0040.610	left	Malleable Cast Iron, zinc-plated

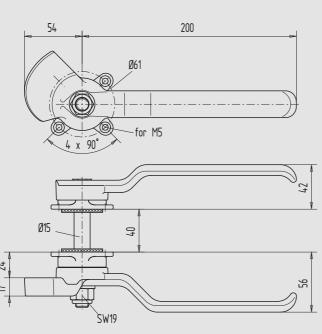
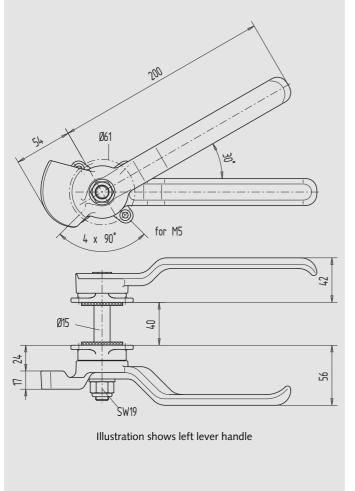


Illustration shows left lever handle



### lever 30°, beveled

Artno.	Direction	Material/Surface
07.626.0040.610	right	Malleable Cast Iron, zinc-plated
07.627.0040.610	left	Malleable Cast Iron, zinc-plated



# 3 x 120° for M5 60 x5 SW19 27 SW19

Illustration shows left lever handle

### Lever handle

- double-sided lever
- round roses to screw-on
- inside: with conic locking shim
- outside: with cover rose
- door thickness 50 mm

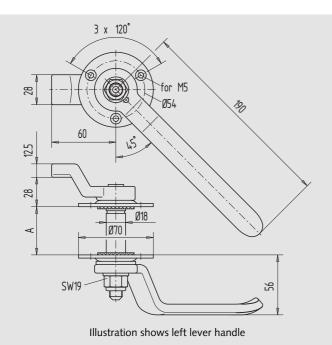
Artno.	Material/Surface
07.628.0050.610	Malleable Cast Iron, zinc-plated

### Lever handle

- with lever on the one side
- with cropped guide on the other side
- round roses to screw-on
- with security screw-nut and sealing rings

Artno.	Direction	Door thickness (A)	Material/Surface
07.630.0020.010	right	20	Steel, zinc-plated
07.631.0020.010	left	20	Steel, zinc-plated
07.630.0025.010	right	25	Steel, zinc-plated
07.631.0025.010	left	25	Steel, zinc-plated
07.630.0030.010	right	30	Steel, zinc-plated
07.631.0030.010	left	30	Steel, zinc-plated
07.630.0035.010	right	35	Steel, zinc-plated
07.631.0035.010	left	35	Steel, zinc-plated
07.630.0040.010	right	40	Steel, zinc-plated
07.631.0040.010	left	40	Steel, zinc-plated
07.630.0045.010	right	45	Steel, zinc-plated
07.631.0045.010	left	45	Steel, zinc-plated
07.630.0050.010	right	50	Steel, zinc-plated
07.631.0050.010	left	50	Steel, zinc-plated
07.630.0055.010	right	55	Steel, zinc-plated
07.631.0055.010	left	55	Steel, zinc-plated
07.630.0063.010	right	63	Steel, zinc-plated
07.631.0063.010	left	63	Steel, zinc-plated





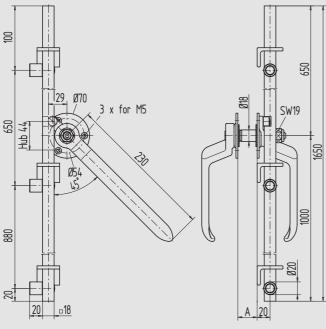


Illustration shows left lever handle

### Lever handle

- with lever on the one side
- with cropped guide on the other side
- round roses to screw-on
- with security screw-nut and sealing rings

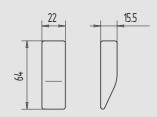
Artno.	Direction	Door thickness (A)	Material/Surface
07.632.0045.010	right	45	Steel, zinc-plated
07.633.0045.010	left	45	Steel, zinc-plated
Information	Lever handles also for other door thicknesses available. (please specify the quantity)		

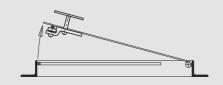
### Lever locking device

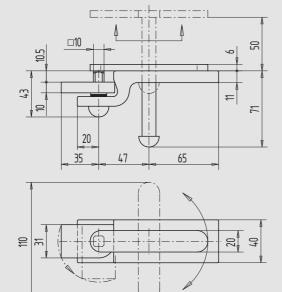
- triply locking
- actuation from inside and outside
- with square rod 18 x 18 mm, 1650 mm long
- brass roller pin, 20 mm diameter
- with rod guides

Artno.	Direction	Maß A (Door thickness)	
07.634.0020.010	right	20	Steel, zinc-plated
07.635.0020.010	left	20	Steel, zinc-plated
07.634.0025.010	right	25	Steel, zinc-plated
07.635.0025.010	left	25	Steel, zinc-plated
07.634.0030.010	right	30	Steel, zinc-plated
07.635.0030.010	left	30	Steel, zinc-plated
07.634.0035.010	right	35	Steel, zinc-plated
07.635.0035.010	left	35	Steel, zinc-plated
07.634.0040.010	right	40	Steel, zinc-plated
07.635.0040.010	left	40	Steel, zinc-plated
07.634.0045.010	right	45	Steel, zinc-plated
07.635.0045.010	left	45	Steel, zinc-plated
07.634.0050.010	right	50	Steel, zinc-plated
07.635.0050.010	left	50	Steel, zinc-plated
07.634.0063.010	right	63	Steel, zinc-plated
07.635.0063.010	left	63	Steel, zinc-plated









### Strike plate

- for lever handles
- to weld-on
- steel or stainless steel

Artno.	Material/Surface
07.680.0000.005	Steel, bright
07.680.0000.010	Steel, zinc-plated
07.680.0000.416	Stainless Steel V2A, polished

### Shim-piece

- for lever handles
- to weld-on
- drop-forged

Artno.	Material/Surface
07.681.0000.005	Steel, bright
07.681.0000.010	Steel, zinc-plated

### Locking device for chute cover

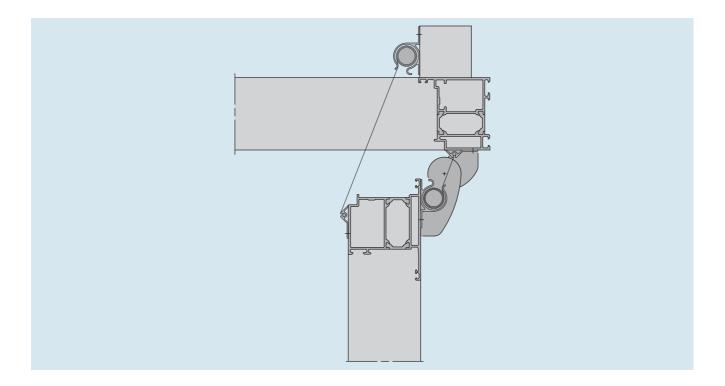
actuation by 10 mm square arbor key

Artno.	Material/Surface
07.682.0000.610	Malleable Cast Iron, zinc-plated
Function	At locked position, the T-form malleable cast iron lever lays in the cut-out of the flap. Thereby it can be entered or driven riskless.  The lever must be lifted and turned about 90° to open the flap. Thereby the sash fastener becomes accessible and can be opened by a 10 mm square arbor key.



WSS

### Finger protection rollosystem and profile



As effective protection against clamping the fingers between the door and the frame, WSS provides the rollosystem and the protection profiles. These components are often used in buildings like kindergartens, schools, hospitals and so on.

The rollosystem covers the door slit while opening automatically. Therefore, the rollo-case must be installed to the door frame. The black rollo covers the slit reliably.

When the door is closed, the rollosystem is invisible and protected. It is not suitable for outside doors.

Different versions (form, size) can be chosen.

When use of door hinges with large distance of center of rotation (see illustration), the rollo system can be used for finger protection on the hinge-side instead of a protection profile.

### Finger protection system

- protection against clamping the fingers between leaf and frame (hinge-side)
- black curtain covers the door crack when the door is open
- installation on hinge opposite side
- standard length 1925 mm, not cuttable
- minimum length 290 mm
- aluminium case

Artno.	Length	Material/Surface
07.900.1925.105	1925	Aluminium, bright
07.900.1925.112	1925	Aluminium, E4/C-0 anodized
07.900.1925.152	1925	Aluminium, E4/C-34 anodized
07.900.1925.250	1925	Aluminium, RAL 9010 powder- coated

Special	Protection profiles also with fixed length from
•	290 mm up to 1924 mm available.

### Finger protection profiles

- hinge-sided protection profile against clamping the fingers in the door crack on hinge-side
- standardlength 1355 mm
- minimum length 290 mm
- customer-defined shortenable

### Profile I

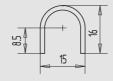
■ hinge-diameter 16 mm

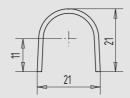
Artno.	Length	Material/Surface
07.950.1355.105	1355	Aluminium, bright
07.950.1355.112	1355	Aluminium, E4/C-0 anodized
07.950.1355.152	1355	Aluminium, E4/C-34 anodized
07.950.1355.250	1355	Aluminium, RAL 9010 powder- coated

### **Profile II**

■ hinge-diameter 20 mm

Artno.	Length	Material/Surface
07.951.1355.105	1355	Aluminium, bright
07.951.1355.112	1355	Aluminium, E4/C-0 anodized
07.951.1355.152	1355	Aluminium, E4/C-34 anodized
07.951.1355.250	1355	Aluminium, RAL 9010 powder- coated











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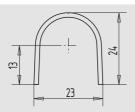
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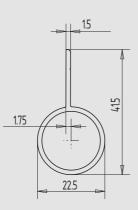
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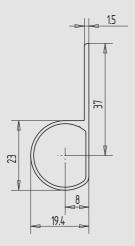
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### **Profile III**

### ■ hinge-diameter 22 mm

Artno.	Length	Material/Surface
07.952.1355.105	1355	Aluminium, bright
07.952.1355.112	1355	Aluminium, E4/C-0 anodized
07.952.1355.152	1355	Aluminium, E4/C-34 anodized
07.952.1355.250	1355	Aluminium, RAL 9010 powder- coated

### Profile V

### ■ blunt doors

Artno.	Length	Material/Surface
07.953.1355.105	1355	Aluminium, bright
07.953.1355.112	1355	Aluminium, E4/C-0 anodized
07.953.1355.152	1355	Aluminium, E4/C-34 anodized
07.953.1355.250	1355	Aluminium, RAL 9010 powder- coated

### **Profile VI**

### ■ blunt doors

Artno.	Length	Material/Surface
07.954.1355.105	1355	Aluminium, bright
07.954.1355.112	1355	Aluminium, E4/C-0 anodized
07.954.1355.152	1355	Aluminium, E4/C-34 anodized
07.954.1355.250	1355	Aluminium, RAL 9010 powder- coated
Special	Protection profiles also with fixed length from 290 mm up to 3000 mm available.	





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### Get a grip.

Handles made from various materials.

- available in stainless steel, brass, aluminium, glass, PVC and bronze
- pipe diameters from 20 mm to 50 mm
- comfortable surface by elaborate grinding

### ▶ Products see page 462 and following

Due to elaborate grinding for all materials, these handles show and comfortable haptic.

### Holds glass, holds tight.

Glass holder with straight and arched plating.

- available in zinc die casting, light alloy, stainless steel and brass
- all glass holders with TÜV-testing label
- with straight and arched plating
- with security pin
- with stainless steel clamping screws
- ▶ Products see page 496

The included security pin provides additional support of the glass.





### Modular and individual.

Hand rails as plug connection system.

- modular system for individual design of hand rails
- pipe-diameter from 35 mm up to 42,4 mm
- completely pre-grinded
- with hand rail supports
- ▶ Products see page 507

The pre-grinded modules make the single welding of each part unneccessary.

The installation is very easy and long lasting.

### Made by measure if desired.

Special versions of handles and hand rails.

- acc. to customer's drawing
- within a couple of working days
- complete handrail systems also available
- ▶ Products see page 461

Due to the special surface quality we recommend stainless steel handles and hand rails for exterior areas.

WSS



### Frequently asked questions (FAQ).



■ Which diatance does the measurement of the axis concerning the door handles describe?

The measurement of the axis describes the distance between two fixing points.

■ What is the material of WSS stainless steel handles?

Normally, the handles are made out of V2A No. 1.4301 stainless steel. On request we can also use V4A stainless steel for handles.

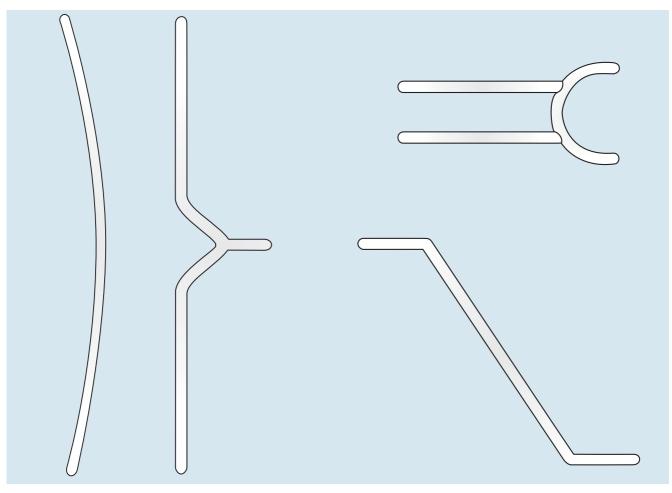


■ Is it allowed to fix handles back-to-back through smoke-/ fire-resistant doors?

No, it is not allowed. The fixing must be done one-sided with pop rivet nut



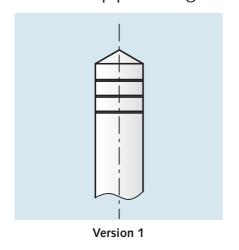
### Stainless steel handles on your desire

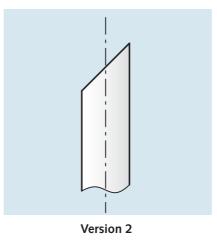


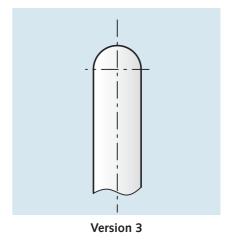
With us you can realize your own "designer-handle". Please send us your idea as a layout or a detailled drawing and we will produce the handle, as wished!!

Do you need any help or information? We look forward to receive your call. Telephone: +49-20 56 / 17-0

### Additional pipe endings for stainless steel handles, 30 mm diameter







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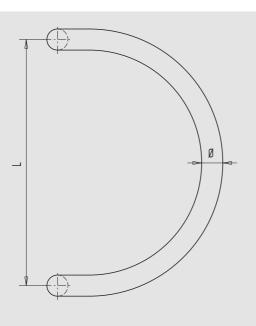
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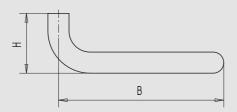
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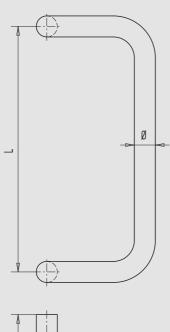
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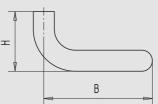
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### Handle

- stainless steel
- aluminium
- brass

Artno.	Ø	L	н	В
08.100.2520	25	200	75	210
08.100.3030	30	300	85	210
08.100.3035	30	350	85	235
08.100.4035	40	350	95	255

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
316	Brass, polished
326	Brass, matt brushed
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed

### Accessories:

Fixing types see page 476

### Handle

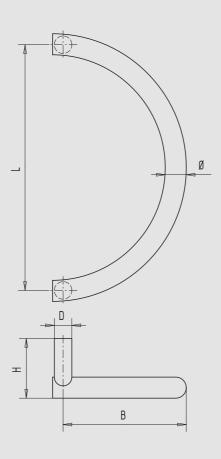
- stainless steel
- aluminium
- brass

Artno.	Ø	L	н	В
08.101.2530	25	300	75	112,5
08.101.2535	25	350	75	112,5
08.101.3030	30	300	85	155
08.101.3035	30	350	85	155
08.101.4035	40	350	95	170

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
316	Brass, polished
326	Brass, matt brushed
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Special	Handle also with special lengths available.

### Accessories:





### Handle

- stainless steel
- aluminium
- brass

Artno.	Ø	L	н	В
08.102.2530	25	300	75	145
08.102.2535	25	350	75	170
08.102.3030	30	300	85	145
08.102.3035	30	350	85	170
08.102.4035	40	350	95	170

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
316	Brass, polished
326	Brass, matt brushed
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Special	Handle also with special lengths available.

### Accessories:

Fixing types see page 476

### Stainless steel handle

Artno.	Ø	L	Н	В	D
08.103.3030	30	300	85	190	25
08.103.3035	30	350	85	190	25
08.103.4035	40	350	95	195	30

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed

### Accessories:

Fixing types see page 476

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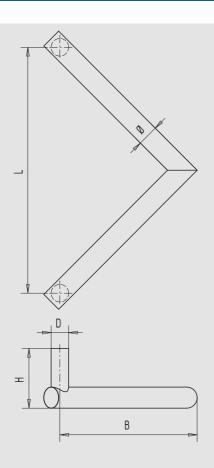
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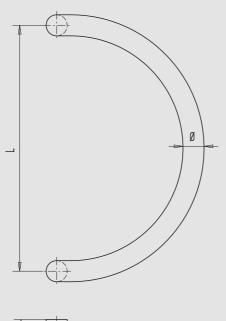
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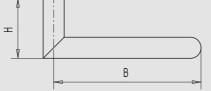
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### Stainless steel handle

Artno.	Ø	L	Н	В	D
08.104.2530	25	300	75	167	25
08.104.3035	30	350	85	195	25
08.104.3535	35	350	90	200	25
08.104.4035	40	350	95	203	30

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Special	Handle also with special lengths available.

### Accessories:

Fixing types see page 476

### Stainless steel handle

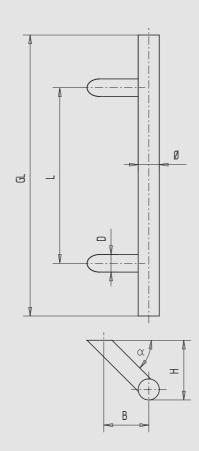
Artno.	Ø	L	н	В
08.105.3030	30	300	85	190
08.105.3035	30	350	85	190
08.105.4035	40	350	95	195

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed

### Accessories:



### # B



### Stainless steel handle

Artno.	Ø	L	Н	В
08.106.2530	25	300	75	112,50
08.106.3035	30	350	85	155
08.106.3535	35	350	90	155
08.106.4035	40	350	95	170

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Special	Handle also with special lengths available.

### Accessories:

Fixing types see page 476

### Stainless steel handle

Artno.	Ø	Angle-Alpha	GL	L	Н	В	D
08.110.2545	25	45°	*	*	75	55	25
08.110.2560	25	60°	*	*	75	40	25
08.110.3040	30	45°	*	*	85	65	25
08.110.3060	30	60°	*	*	85	40	25
08.110.3545	35	45°	*	*	90	70	25
08.110.3560	35	60°	*	*	90	40	25
08.110.4045	40	45°	*	*	95	75	30
08.110.4060	40	60°	*	*	95	40	30

Surface codes	Material/Surface				
416	Stainless Steel V2A, polished				
426	Stainless Steel V2A, matt brushed				
Information	* acc. to your specifications  Standard dimensions for all handles: GL = 500 mm, L = 300 mm				
Accessories	Additional end-pieces for 30 mm diameter, see <b>page 461</b> .				

### Accessories:



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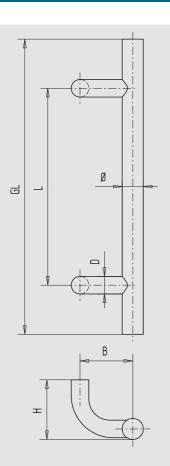
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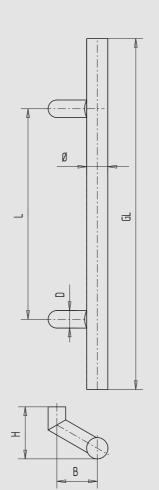
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### Stainless steel handle

Artno.	Ø	GL	L	Н	В	D
08.111.2500	25	*	*	75	75	25
08.111.3000	30	*	*	85	75	25
08.111.3500	35	*	*	90	75	25
08.111.4000	40	*	*	95	95	30

Surface codes	Material/Surface				
416	Stainless Steel V2A, polished				
426	Stainless Steel V2A, matt brushed				
Information	* acc. to your specifications  Standard dimensions for all handles: GL = 500 mm, L = 300 mm				
Accessories	Additional end-pieces for 30 mm diameter, see <b>page 461</b> .				

### Accessories:

Fixing types see page 476

### Stainless steel handle

Artno.	Ø	GL	L	н	В	D
08.112.2500	25	*	*	75	55	25
08.112.3000	30	*	*	85	65	25
08.112.3500	35	*	*	90	70	25
08.112.4000	40	*	*	95	75	30

Surface codes	Material/Surface		
416	Stainless Steel V2A, polished		
426	Stainless Steel V2A, matt brushed		
Information	* acc. to your specifications  Standard dimensions for all handles: GL = 500 mm, L = 300 mm		
Accessories	Additional end-pieces for 30 mm diameter, see <b>page 461</b> .		
Information	* acc. to your specifications  Standard dimensions for all handles: GL = 500 mm, L = 300 mm		

### Accessories:





### Stainless steel handle

Artno.	Ø	L	Н	В
08.116.2535	25	350	75	75
08.116.3045	30	450	85	85
08.116.4045	40	450	95	95

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Special	Handle also with special lengths available.

### Accessories:

Fixing types see page 476

### Stainless steel handle

Artno.	Ø	GL	L	н	В	D
08.117.2550	25	500	300	80	180	20
08.117.3050	30	500	300	85	160	25
08.117.4050	40	500	300	100	160	30

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Special	Handle also with special lengths available.

### Accessories:

Fixing types see page 476

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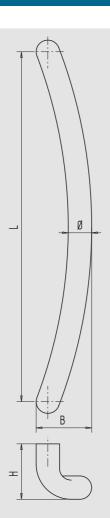
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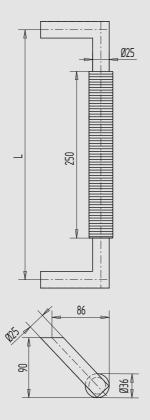
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### Stainless steel handle

Artno.	Ø	L	Н	В
08.118.3050	30	500	85	95
08.118.4060	40	600	95	120

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Special	Handle also with special lengths available.

### Accessories:

Fixing types see page 476

### Aluminium handle

grab handle C-35 black anodized

Artno.	L	Material/Surface	
08.119.4037.112	375	Aluminium, E4/C-0 anodized	
08.119.6057.112	575	Aluminium, E4/C-0 anodized	
Information	Grab piece also C-0 silver anodized available.		

### Accessories:





# H

### Handle

- stainless steel
- aluminium
- brass

Artno.	Ø	L	Н
08.125.2000	20	* (max. 1400)	70
08.125.2500	25	* (max. 1600)	75
08.125.3000	30	* (max. 2000)	85
08.125.4000	40	* (max. 2300)	95

Surface codes	Material/Surface	
112	Aluminium, E4/C-0 anodized	
152	Aluminium, E4/C-34 anodized	
255	Aluminium, RAL 9016 powder-coated	
299	Aluminium, special surface	
316	Brass, polished	
326	Brass, matt brushed	
416	Stainless Steel V2A, polished	
426	Stainless Steel V2A, matt brushed	
Information	* acc. to your specifications	
	We recommend a 3rd fixing point when maximum lenghts will be exceeded. (Only possible for stainless steel handles.)	

### Accessories:

Fixing types see page 476

### Stainless steel handle

Artno.	Ø	L	Н	
08.126.2000	20	* (max. 1400)	70	
08.126.2500	25	* (max. 1600)	75	
08.126.3000	30	* (max. 2000)	85	
08.126.3500	35	* (max. 2000)	90	
08.126.4000	40	* (max. 2300)	95	

Surface codes	Material/Surface	
416	Stainless Steel V2A, polished	
426	Stainless Steel V2A, matt brushed	
Information	* acc. to your specifications	
	We recommend a 3rd fixing point when maximum lenghts will be exceeded. (Only possible for stainless steel handles.)	

### Accessories:

Fixing types see page 476

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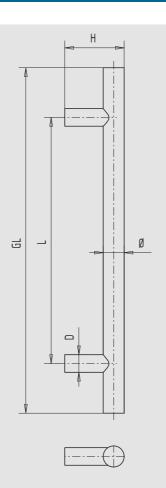
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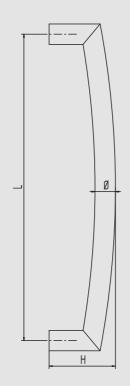
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### Stainless steel handle

Artno.	Ø	GL	L	Н	D
08.127.2000	20	*	* (max. 1400)	70	20
08.127.2500	25	*	* (max. 1600)	75	25
08.127.3000	30	*	* (max. 2000)	85	25
08.127.3500	35	*	* (max. 2000)	90	25
08.127.4000	40	*	* (max. 2300)	95	30

Surface codes	Material/Surface		
416	Stainless Steel V2A, polished		
426	Stainless Steel V2A, matt brushed		
Information	* acc. to your specifications  We recommend a 3rd fixing point when maximum lenghts will be exceeded.  (Only possible for stainless steel handles.)		
Accessories	Additional end-pieces for 30 mm diameter, see <b>page 461</b> .		

### Accessories:

Fixing types see page 476

### Stainless steel handle

Artno.	Ø	L	Н
08.128.3000	30	* (max. 2000)	120
08.128.4000	40	* (max. 2300)	135

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Information	* acc. to your specifications

### Accessories:

Fixing types see page 476



### Stainless steel handle

- console connected with stainless steel tube
- threaded bush welded
- up to 2600 mm

Artno.	Ø	Material thick- ness	L	Н
08.132.2502	25	2	* (max. 1600)	65
08.132.3002	30	2	* (max. 2000)	70
08.132.3502	35	2	* (max. 2000)	75
08.132.4002	40	2	* (max. 2200)	80
08.132.4004	40	4	* (max. 2600)	80

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Information	* acc. to your specifications

### Accessories:

Fixing material page 494

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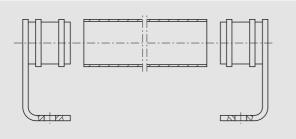
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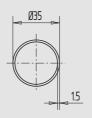
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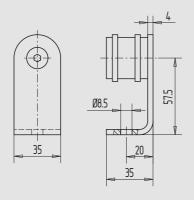




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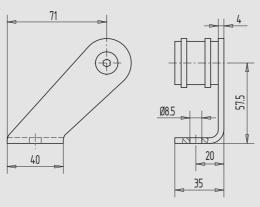


Illustration shows left handed version

### System-handle

- 35 mm tube diameter
- for self-customization
- usable up to 1500 mm tube length (from 1500 mm with re-inforcement tube)
- consisting of the following parts:

### Stainless steel tube

■ 35 x 1,5 mm diameter

Artno.	L	Material/Surface
08.133.3000.426	3000	Stainless Steel V2A, matt brushed
08.133.0000.426	*	Stainless Steel V2A, matt brushed
Information	* acc. to your spe	ecifications

### Stainless steel holder no. 6715

angled to the inside

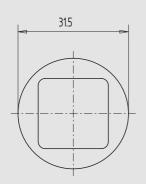
Artno.	Material/Surface
08.134.1000.426	Stainless Steel V2A, matt brushed

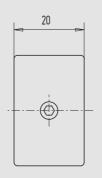
### Stainless steel holder no. 6716

■ appr. 45° cropped, angled to the inside

Artno.	Direction	Material/Surface
08.135.1010.426	right	Stainless Steel V2A, matt brushed
08.135.1020.426	left	Stainless Steel V2A, matt brushed







### Stainless steel holder no. 6717

angled to the outside

Artno.	Material/Surface
08.136.0000.426	Stainless Steel V2A, matt brushed

### Steel reinforcement tube

- for tube lengths from 1500 mm (up to max. 2100 mm)
- dimension 20 x 20 x 2 mm
- Fixed length = 3000 mm

Artno.	Material/Surface
08.138.0000.010	Steel, zinc-plated

### PVC distance bush

no. 6719

- for steel reinforcement tube
- with fixing screw

Artno.	Material/Surface
08.139.0000.505	PVC, nature

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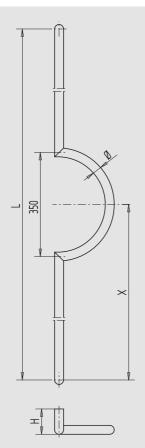


Illustration shows right handed version

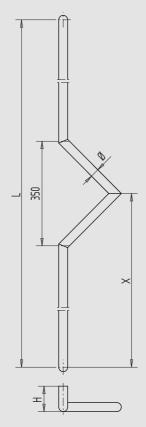


Illustration shows right handed version

### Stainless steel handle

Artno.	Ø	L	Н
08.144.3000	30	* (max. 1800)	85
08.144.4000	40	* (max. 2000)	95

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Attention	Please specify measurement X and handle direction!
Information	* acc. to your specifications  We recommend a 3rd fixing point when maximum lenghts will be exceeded.  (Only possible for stainless steel handles.)

### Accessories:

Fixing types see page 476

### Stainless steel handle

Artno.	Ø	L	Н
08.145.3000	30	* (max. 1800)	85
08.145.4000	40	* (max. 2000)	95

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Attention	Please specify measurement X and handle direction!
Information	* acc. to your specifications  We recommend a 3rd fixing point when maximum lenghts will be exceeded.  (Only possible for stainless steel handles.)

### Accessories:

Fixing types see page 476





### Stainless steel handle

Artno.	Ø	L	н	В
08.150.3000	30	350	85	*
08.150.4000	40	350	95	*

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Information	* acc. to your specifications

### Accessories:

Fixing types see page 476

### Stainless steel handle

Artno.	Ø	L	Н	В
08.151.3000	30	350	85	*
08.151.4000	40	350	95	*

Surface codes	Material/Surface	
416	Stainless Steel V2A, polished	
426	Stainless Steel V2A, matt brushed	
Information	* acc. to your specifications	

### Accessories:

Fixing types see page 476



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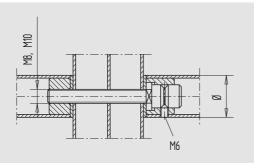
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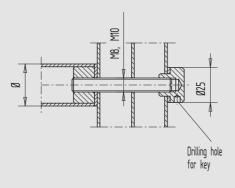
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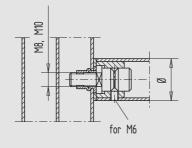
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### Fixing type "K"

pairwise for tubular frame doors

Artno.	Ø	Thread	
08.154.2000.000	20	M8	
08.154.2500.000	25	M8	
08.154.3000.000	30	M10	
08.154.3500.000	35	M10	
08.154.4000.000	40	M10	
Attention	1 pair of hand	les = 2 fixing units	
Information	Please specify	the door thickness	5!

### Fixing type "L"

single-side fixing for tubular frame doors with counter roses

Artno.	Ø	Thread	
08.155.2000	20	M8	
08.155.2500	25	M8	
08.155.3000	30	M10	
08.155.3500	35	M10	
08.155.4000	40	M10	

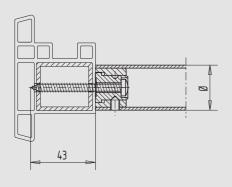
Surface codes	Material/Surface	
112	Aluminium, E4/C-0 anodized	
152	Aluminium, E4/C-34 anodized	
255	Aluminium, RAL 9016 powder-coated	
299	Aluminium, special surface	
316	Brass, polished	
326	Brass, matt brushed	
416	Stainless Steel V2A, polished	
426	Stainless Steel V2A, matt brushed	
Attention	1 piece of handle = 2 fixing units	
Information	Please specify the door thickness!	

### Fixing type "O"

- single-side fixing for tubular frame doors
- for installation with blind riveting nuts

Artno.		Ø	Thread
08.156.2000.000	:	20	M8
08.156.2500.000	:	25	M8
08.156.3000.000	:	30	M10
08.156.3500.000	:	35	M10
08.156.4000.000		40	M10
Attention	1 piece o	of handle =	= 2 fixing units





### Fixing type "E"

- single-side fixing for tubular frame doors
- self-cutting
- drilling hole in the profile 6,5 mm diameter

Artno.	Ø
08.158.2000.000	20
08.158.2500.000	25
08.158.3000.000	30
08.158.3500.000	35
08.158.4000.000	40
Attention	1 piece of handle = 2 fixing units

### Fixing type "H"

- single-side fixing for wooden doors
- with rampa muffle

Artno.	Ø	Thread	
08.159.2000	20	M8	
08.159.2500	25	M8	
08.159.3000	30	M10	
08.159.3500	35	M10	
08.159.4000	40	M10	
Attention	1 piece of handle	e = 2 fixing units	

### Fixing type "S"

- single-side fixing for PVC doors
- self-cutting
- drilling hole in the profile 5,6 mm diameter, H11

Artno.	Ø
08.161.2000.000	20
08.161.2500.000	25
08.161.3000.000	30
08.161.3500.000	35
08.161.4000.000	40
Attention	1 piece of handle = 2 fixing units

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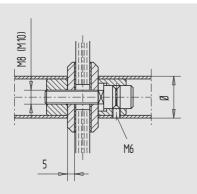
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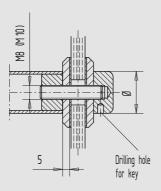
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### Fixing type "M"

- pairwise for glass doors
- glass drilling hole 18 mm diameter
- with shims

Artno.	Ø	Thread	
08.166.2000	20	M8	
08.166.2500	25	M8	
08.166.3000	30	M10	
08.166.3500	35	M10	
08.166.4000	40	M10	

Surface codes	Material/Surface	
112	Aluminium, E4/C-0 anodized	
152	Aluminium, E4/C-34 anodized	
250	Aluminium, RAL 9010 powder-coated	
255	Aluminium, RAL 9016 powder-coated	
299	Aluminium, special surface	
316	Brass, polished	
326	Brass, matt brushed	
416	Stainless Steel V2A, polished	
426	Stainless Steel V2A, matt brushed	
Attention	1 pair of handles = 2 fixing units	
Information	Please specify the door thickness!	

### Fixing type "N"

- single-side fixing for glass doors
- with counter roses
- glass drilling hole 18 mm diameter
- with shims

Artno.	Ø	Thread	
08.167.2000	20	M8	_
08.167.2500	25	M8	
08.167.3000	30	M10	
08.167.3500	35	M10	
08.167.4000	40	M10	

Surface codes	Material/Surface	
112	Aluminium, E4/C-0 anodized	
152	Aluminium, E4/C-34 anodized	
250	Aluminium, RAL 9010 powder-coated	
255	Aluminium, RAL 9016 powder-coated	
299	Aluminium, special surface	
316	Brass, polished	
326	Brass, matt brushed	
416	Stainless Steel V2A, polished	
426	Stainless Steel V2A, matt brushed	
Attention	1 piece of handle = 2 fixing units	
Information	Please specify the door thickness!	



# Ø35 100 100 E

Illustration shows right handed version

### Crystal glass handle

Artno.	GL	L	Material/Surface Console
08.170.3221.374	320	210	Brass, polished chrome-plated
08.170.3221.426	320	210	Stainless Steel V2A, matt brushed
08.170.5026.374	500	260	Brass, polished chrome-plated
08.170.5026.426	500	260	Stainless Steel V2A, matt brushed

### Accessories:

Fixing types page 480

### Crystal glass handle

■ with matt grinded stainless steel consoles

Artno.	GL	L	Direction
08.172.3210.426	320	210	right showing
08.172.3220.426	320	210	left showing
08.172.5010.426	500	260	right showing
08.172.5020.426	500	260	left showing

### Accessories:

Fixing types page 480

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### Crystal glass handle with matt grinded stainless steel consoles

Artno.	Direction
08.176.0010.426	right showing
08.176.0020.426	left showing

### Accessories:

Fixing types, see below

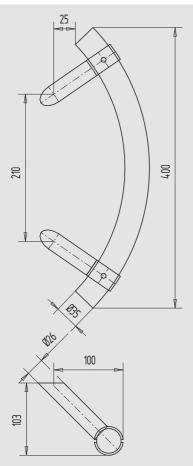
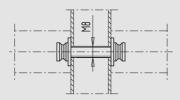
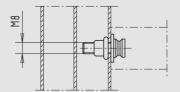


Illustration shows right handed version





### Fixing unit

■ pairwise for tubular frame- and glass doors

Artno.	
08.179.0000.000	)
Attention	1 pair of handles = 2 fixing unit
Information	Please specify the door thickness!

### Fixing unit

- single-side fixing for tubular frame doors
- for installation with blind riveting nuts

Artno.	
08 180 0000 000	

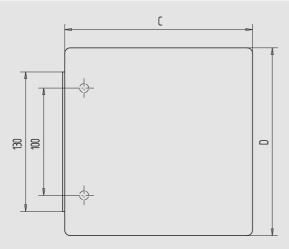
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**Attention** 1 piece of handle = 2 fixing unit

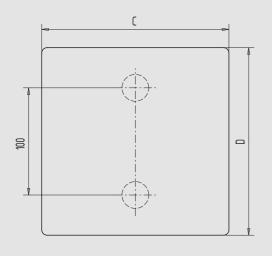


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### Stainless steel handle

with diagonal consoles for tubular frame doors

Artno.	С	D	Material/Surface
08.200.0015.416	150	150	Stainless Steel V2A, polished
08.200.0015.426	150	150	Stainless Steel V2A, matt brushed
08.200.0017.416	175	175	Stainless Steel V2A, polished
08.200.0017.426	175	175	Stainless Steel V2A, matt brushed
08.200.0020.416	200	200	Stainless Steel V2A, polished
08.200.0020.426	200	200	Stainless Steel V2A, matt brushed

### Accessories:

Fixing material page 494

### Stainless steel handle

with tubular consoles for glass doors

Artno.	С	D	Material/Surface
08.200.2015.416	150	150	Stainless Steel V2A, polished
08.200.2015.426	150	150	Stainless Steel V2A, matt brushed
08.200.2017.416	175	175	Stainless Steel V2A, polished
08.200.2017.426	175	175	Stainless Steel V2A, matt brushed
08.200.2020.416	200	200	Stainless Steel V2A, polished
08.200.2020.426	200	200	Stainless Steel V2A, matt brushed

### Accessories:

Fixing types page 476



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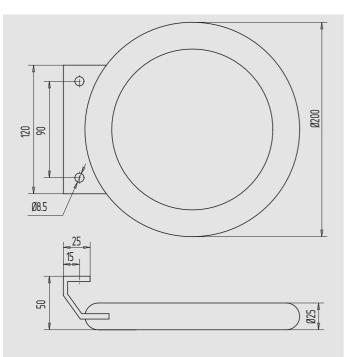
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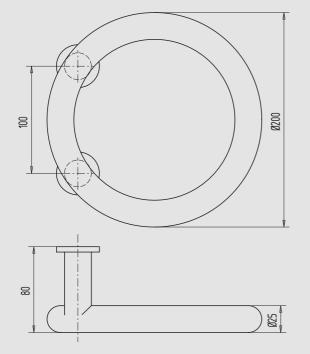
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### Stainless steel handle

with diagonal consoles for tubular frame doors

Artno.	Material/Surface
08.202.0020.416	Stainless Steel V2A, polished
08.202.0020.426	Stainless Steel V2A, matt brushed

### Accessories:

Fixing material page 494

### Stainless steel handle

■ with tubular consoles for glass doors

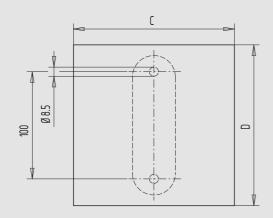
Artno.	Material/Surface
08.203.2020.416	Stainless Steel V2A, polished
08.203.2020.426	Stainless Steel V2A, matt brushed

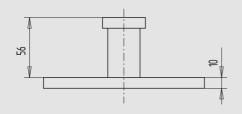
### Accessories:

Fixing types see page 476









### Aluminium handle

with diagonal consoles for tubular frame doors

Artno.	Α	В	С	D
08.210.0015	100	70	150	150
08.210.0017	120	100	175	175
08.210.0020	150	120	200	200

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface

### Accessories:

Fixing material page 494

### Aluminium handle

■ with block console for glass doors

Artno.	С	D	
08.210.1015	150	150	
08.210.1017	175	175	
08.210.1020	200	200	

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface

### Accessories:

Fixing material page 494



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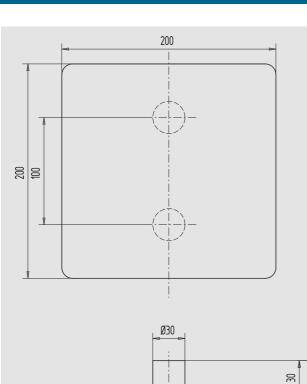
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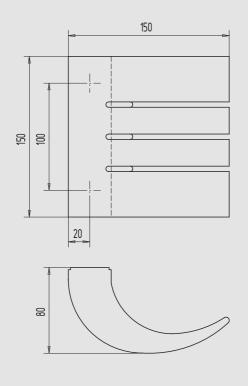
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### Aluminium handle

with tubular consoles for glass doors

Artno.	Material/Surface
08.212.2020.112	Aluminium, E4/C-0 anodized
08.212.2020.152	Aluminium, E4/C-34 anodized
08.212.2020.255	Aluminium, RAL 9016 powder-coated
08.212.2020.299	Aluminium, special surface

### Accessories:

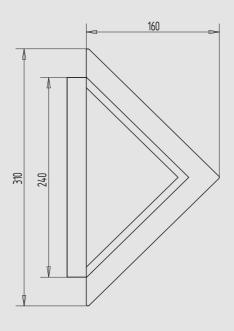
Fixing types see page 476

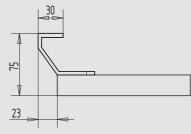
### Aluminium handle

Artno.	Material/Surface
08.213.0000.112	Aluminium, E4/C-0 anodized
Accessories:	
Fixing types page 480	









### Glass handle

- console RAL 9016 white powder coated
- with chrome plated screen

Artno.	Glass color
08.220.0010.255	Opal glass
08.220.0020.255	Crystalglass
08.220.0030.255	blue glass

### Accessories:

Fixing material page 494

### Glass handle

- console RAL 9016 white powder coated
- with chrome plated screen

Artno.	Glass color
08.221.0010.255	Opal glass
08.221.0020.255	Crystalglass
08.221.0030.255	blue glass

### Accessories:

Fixing material page 494



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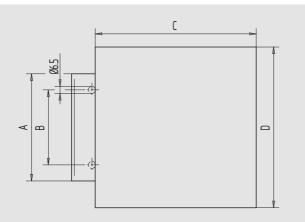
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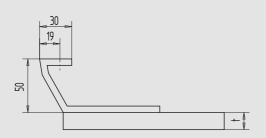
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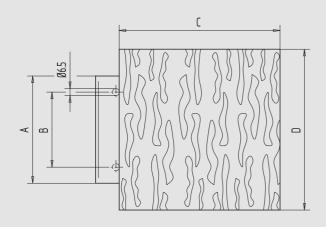
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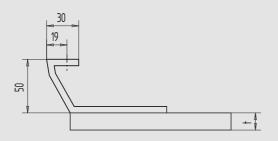
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### **PVC** handle

- black, plane pressed
- with diagonal aluminium console for tubular frame doors

Artno.	Α	В	С	D	t
08.240.0015	100	70	150	150	16
08.240.0017	120	100	175	175	20
08.240.0020	150	120	200	200	20

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
Attention	Not lightfast:

Attention	Not lightfast: artno. 08.240.0015/artno. 08.240.0017 Lightfast: artno. 08.240.0020
Information	All PVC plates also lightfast and different colored available.

### Accessories:

Fixing material page 494

### **PVC** handle

- black, rough grained
- not lightfast
- with diagonal aluminium console
- for tubular frame doors

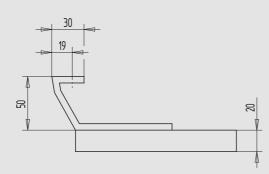
Artno.	Α	В	С	D	t
08.241.0015	100	70	150	150	16
08.241.0017	120	100	175	175	18,5
08.241.0020	150	120	200	200	18,5

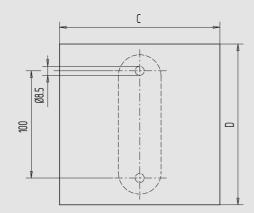
Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface

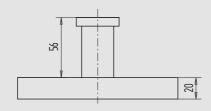
### Accessories:

Fixing material page 494









### Wooden handle

- wood/cambala (similar to teak)
- with diagonal aluminium console
- for tubular frame doors

Artno.	Α	В	С	D
08.260.0015	100	70	150	150
08.260.0017	120	100	175	175
08.260.0020	150	120	200	200

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
Information	Handle also with further wood sorts available (e. g. oak, beech, maple).

### Accessories:

Fixing material page 494

### Wooden handle

- wood/cambala (similar to teak)
- with aluminium block console for glass doors

Artno.	С	D	
08.260.1015	150	150	
08.260.1017	175	175	
08.260.1020	200	200	

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface

Information	Handle also with further wood sorts available
	(e. g. oak, beech, maple).

### Accessories:

Fixing material page 494

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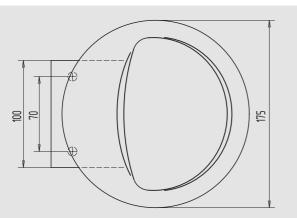
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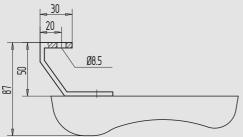
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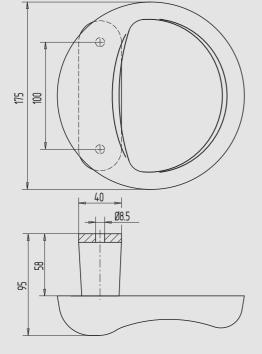
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### **Bronze** handle

with diagonal consoles for tubular frame doors

Art.-no.

08.280.0000.905

Accessories:

Fixing material page 494

### Bronze handle

■ with block console for glass doors

Art.-no.

08.280.1000.905

Accessories:

Fixing material page 494



### Stainless steel handle

with diagonal consoles for tubular frame doors

Artno.	Н	GL	Α	В
08.300.0010	100	*	80	60
08.300.0015	150	*	130	100
08.300.0020	200	*	130	100

Surface codes	Material/Surface
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed
Information	* acc. to your specifications  Handle also with tubular consoles for glass doors available.

### Accessories:

Fixing material page 494

### Aluminium handle

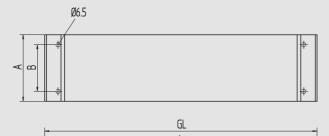
■ with diagonal consoles for tubular frame doors

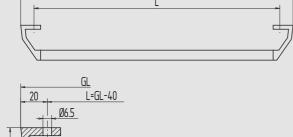
Artno.	Α	В	GL	Н	t
08.330.0010	100	70	*	52,5	15
08.330.0012	120	100	*	52,5	15
08.330.0015	150	120	*	55	20
08.330.0018	180	150	*	55	20
08.330.0020	200	175	*	55	20

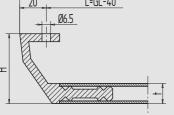
Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
Information	* acc. to your specifications

### Accessories:

Fixing material page 494

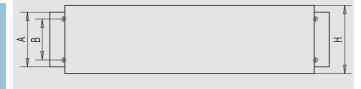


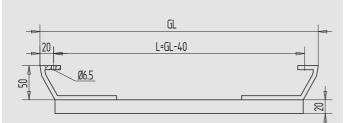






## GL 12.5 L=GL-25





### Aluminium handle

■ with angled consoles for tubular frame doors

Artno.	Α	В	GL	Н	t
08.331.0010	100	70	*	52,5	15
08.331.0012	120	100	*	52,5	15
08.331.0015	150	120	*	55	20
08.331.0018	180	150	*	55	20
08.331.0020	200	175	*	55	20

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
Information	* acc. to your specifications

### Accessories:

Fixing material page 494

### Wooden handle

- wood/cambala (similar to teak)
- with diagonal aluminium consoles
- for tubular frame doors

Artno.	Н	GL	Α	В
08.370.0010	100	*	80	60
08.370.0012	120	*	100	70
08.370.0015	150	*	120	100
08.370.0017	175	*	150	120
08.370.0020	200	*	175	150
08.370.0025	250	*	200	175

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface
Information	*acc. to your specifications (e. g. oak, beech, maple)

### Accessories:

Fixing material page 494





### Aluminium hollow-profile

### customized or standard length

Artno.	В	t	L
08.400.0010	100	15	*
08.400.0012	120	15	*
08.400.0015	150	20	*
08.400.0018	180	20	*
08.400.0020	200	20	*

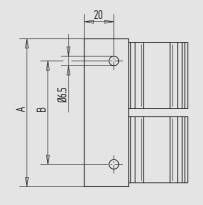
Surface codes	Material/Surface	
105	Aluminium, bright	
112	Aluminium, E4/C-0 anodized	
114	Aluminium, E6/C-0 anodized	
152	Aluminium, E4/C-34 anodized	
255	Aluminium, RAL 9016 powder-coated	
Information	* acc. to your specifications	

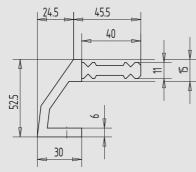
### Aluminium console

### diagonal

Artno.	Α	В
08.500.0010	100	70
08.500.0012	120	100

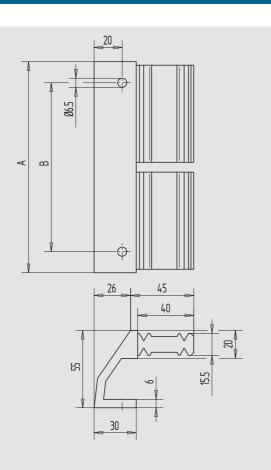
Surface codes	Material/Surface
105	Aluminium, bright
112	Aluminium, E4/C-0 anodized
114	Aluminium, E6/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
Information	Consoles will always be delivered with

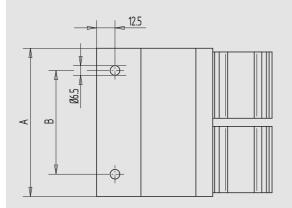


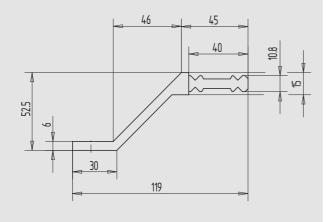




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### Aluminium console

### diagonal

Artno.	Α	В	
08.501.0015	150	120	
08.501.0018	180	150	
08.501.0020	200	175	

Surface codes	Material/Surface	
105	Aluminium, bright	
112	Aluminium, E4/C-0 anodized	
114	Aluminium, E6/C-0 anodized	
152	Aluminium, E4/C-34 anodized	
255	Aluminium, RAL 9016 powder-coated	
Information	Consoles will always be delivered with 2 stainless steel flat springs.	

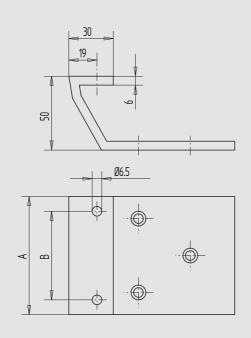
### Aluminium console

### angled

Artno.	А	В
08.502.0010	100	70
08.502.0012	120	100

Surface codes	Material/Surface
105	Aluminium, bright
112	Aluminium, E4/C-0 anodized
114	Aluminium, E6/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
Information	Consoles will always be delivered with 2 stainless steel flat springs.





### Aluminium console

### angled

Artno.	А	В
08.503.0015	150	120
08.503.0018	180	150
08.503.0020	200	175

Surface codes	Material/Surface
105	Aluminium, bright
112	Aluminium, E4/C-0 anodized
114	Aluminium, E6/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
	1 (0) 1 1 1 1 1 1 1 1 1 1

Information	Consoles will always be delivered with
	2 stainless steel flat springs.

### Aluminium console

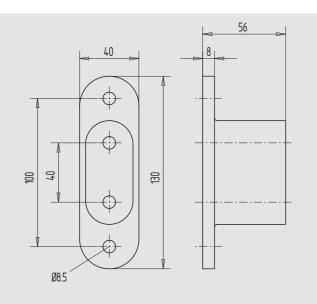
### diagonal

Artno.	Α	В
08.504.8060	80	60
08.504.1070	100	70
08.504.1210	120	100
08.504.1512	150	120
08.504.1715	175	150
08.504.2017	200	175
08.504.2520	250	200

Surface codes	Material/Surface
112	Aluminium, E4/C-0 anodized
152	Aluminium, E4/C-34 anodized
255	Aluminium, RAL 9016 powder-coated
299	Aluminium, special surface



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### **Block console**

Artno.	Material/Surface
08.515.0000.112	Aluminium, E4/C-0 anodized
08.515.0000.152	Aluminium, E4/C-34 anodized
08.515.0000.255	Aluminium, RAL 9016 powder-coated
08.515.0000.299	Aluminium, special surface
08.515.0000.905	Bronze, nature

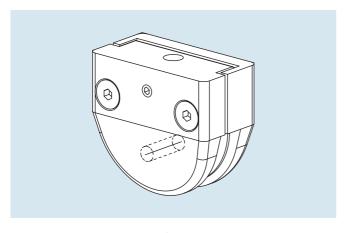
### Threaded pin

Artno.	Dimension	Material/Surface
08.530.0665.010	M6 x 65	Steel, zinc-plated
08.530.0675.010	M6 x 75	Steel, zinc-plated
08.530.0675.405	M6 x 75	Stainless Steel V2A, bright
08.530.0610.010	M6 x 100	Steel, zinc-plated
08.530.0610.405	M6 x 100	Stainless Steel V2A, bright
08.530.0865.010	M8 x 65	Steel, zinc-plated
08.530.0875.010	M8 x 75	Steel, zinc-plated
08.530.0875.405	M8 x 75	Stainless Steel V2A, bright
08.530.0810.010	M8 x 100	Steel, zinc-plated
08.530.0810.405	M8 x 100	Stainless Steel V2A, bright

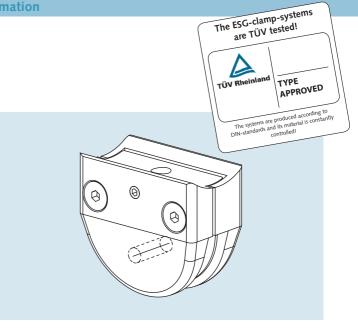
### Bow nut

Artno.	Thread	Material/Surface
08.570.0600.112	M6	Aluminium, E4/C-0 anodized
08.570.0600.152	M6	Aluminium, E4/C-34 anodized
08.570.0600.255	M6	Aluminium, RAL 9016 powder-coated
08.570.0600.299	M6	Aluminium, special surface
08.570.0600.426	M6	Stainless Steel V2A, matt brushed
08.570.0600.905	M6	Bronze, nature
08.570.0800.112	M8	Aluminium, E4/C-0 anodized
08.570.0800.152	M8	Aluminium, E4/C-34 anodized
08.570.0800.255	M8	Aluminium, RAL 9016 powder-coated
08.570.0800.299	M8	Aluminium, special surface
08.570.0800.426	M8	Stainless Steel V2A, matt brushed
08.570.0800.905	M8	Bronze, nature

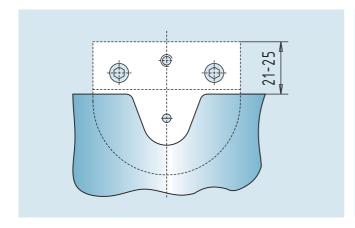




Clamp holders are available for rectangular- and round tubes.



### **Glass treatment**



We suggest a security pin for sided ordered holders. Glass treatment is only necessary when use of security pins.

### Information:

Please consider the guidelines for fall-securing glass.

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### Features:

- Usage from 6 to 12 mm glass thickness
- Stainless steel screws M6/M8 (Fastening torque 10/16 Nm)

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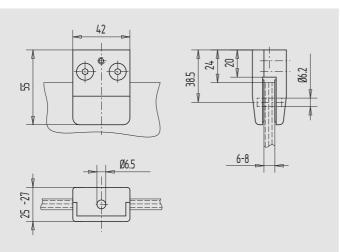
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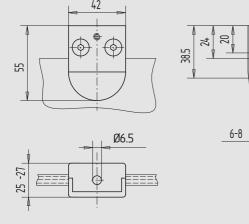
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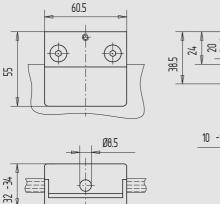
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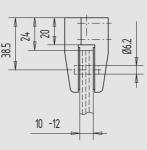
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### Glass holder, zinc die casting, straight support

- for 6 and 8 mm glass thickness
- angular form

Artno.	Material/Surface
08.600.0000.705	Zinc Die Casting, raw
08.600.0000.735	Zinc Die Casting, silver lacquered
08.600.0000.740	Zinc Die Casting, dark-bronze powder-coated
08.600.0000.755	Zinc Die Casting, RAL 9016 powder-coated
08.600.0000.770	Zinc Die Casting, RAL 9005 powder-coated
08.600.0000.773	Zinc Die Casting, stainless steel effect
08.600.0000.799	Zinc Die Casting, special surface

### Glass holder, zinc die casting, straight support

- for 6 and 8 mm glass thickness
- rounded shape

Artno.	Material/Surface
08.601.0000.705	Zinc Die Casting, raw
08.601.0000.735	Zinc Die Casting, silver lacquered
08.601.0000.740	Zinc Die Casting, dark-bronze powder-coated
08.601.0000.755	Zinc Die Casting, RAL 9016 powder-coated
08.601.0000.770	Zinc Die Casting, RAL 9005 powder-coated
08.601.0000.773	Zinc Die Casting, stainless steel effect
08.601.0000.799	Zinc Die Casting, special surface

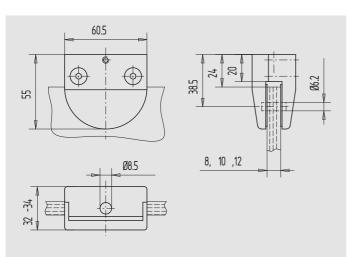
### Glass holder, zinc die casting, straight support

- for 10 and 12 mm glass thickness
- angular shape

Artno.	Material/Surface
08.602.0000.705	Zinc Die Casting, raw
08.602.0000.735	Zinc Die Casting, silver lacquered
08.602.0000.740	Zinc Die Casting, dark-bronze powder-coated
08.602.0000.755	Zinc Die Casting, RAL 9016 powder-coated
08.602.0000.770	Zinc Die Casting, RAL 9005 powder-coated
08.602.0000.773	Zinc Die Casting, stainless steel effect
08.602.0000.799	Zinc Die Casting, special surface
Information	All glass holders will basicly be delivered with security pin. (Glass treatment, see page 495)







### Glass holder, zinc die casting, straight support

- for 8 12 mm glass thickness
- rounded shape

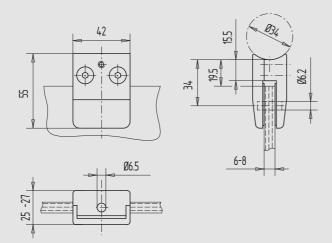
Artno.	for glass thickness
08.603.0008	8
08.603.0010	10 und 12

### Glass holder, zinc die casting, arched support

- for 6 and 8 mm glass thickness
- angular shape
- for 34 mm tube diameter

Art.-no.

08.610.0000.---



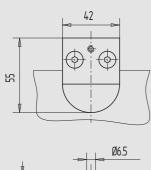
### Glass holder, zinc die casting, arched support

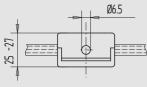
- for 6 and 8 mm glass thickness
- rounded shape
- for 34 mm tube diameter

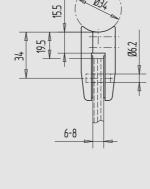
Art.-no.

08.611.0000.---

Surface codes	Material/Surface
705	Zinc Die Casting, raw
735	Zinc Die Casting, silver lacquered
740	Zinc Die Casting, dark-bronze powder-coated
755	Zinc Die Casting, RAL 9016 powder-coated
770	Zinc Die Casting, RAL 9005 powder-coated
773	Zinc Die Casting, stainless steel effect
799	Zinc Die Casting, special surface
Information	All glass holders will basicly be delivered with security pin. (Glass treatment, see page 495)











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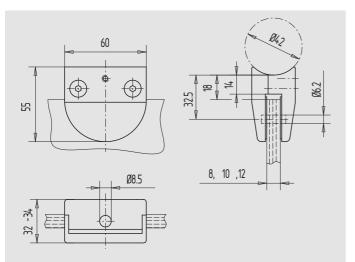
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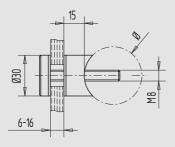
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### 6-16



### Glass holder, zinc die casting, arched support

- for 8 12 mm glass thickness
- rounded shape
- for 42 mm tube diameter

Artno.	for glass thickness
08.612.0008	8
08.612.0010	10 und 12

Surface codes	Material/Surface
705	Zinc Die Casting, raw
735	Zinc Die Casting, silver lacquered
740	Zinc Die Casting, dark-bronze powder-coated
755	Zinc Die Casting, RAL 9016 powder-coated
770	Zinc Die Casting, RAL 9005 powder-coated
773	Zinc Die Casting, stainless steel effect
799	Zinc Die Casting, special surface
Information	All glass holders will basicly be delivered with security pin. (Glass treatment, see page 495)

### Glass holder, zinc die casting, straight support

■ for 6 - 16 mm glass thickness, adjustable

Artno.	Material/Surface
08.620.0000.705	Zinc Die Casting, raw
08.620.0000.730	Zinc Die Casting, silver powder-coated
08.620.0000.755	Zinc Die Casting, RAL 9016 powder-coated
08.620.0000.770	Zinc Die Casting, RAL 9005 powder-coated
08.620.0000.772	Zinc Die Casting, matt chrome-plated

### Glass holder, zinc die casting, arched support

■ for 6 - 16 mm glass thickness, adjustable

Artno.	for tube-Ø
08.621.0033	33,7
08.621.0042	42,4
08.621.0048	48,3

Surface codes	Material/Surface
705	Zinc Die Casting, raw
730	Zinc Die Casting, silver powder-coated
755	Zinc Die Casting, RAL 9016 powder-coated
770	Zinc Die Casting, RAL 9005 powder-coated
772	Zinc Die Casting, matt chrome-plated





### Glass holder, aluminium, straight support

- for 6 and 8 mm glass thickness
- angular shape

Artno.	Material/Surface
08.630.0000.112	Aluminium, E4/C-0 anodized
08.630.0000.152	Aluminium, E4/C-34 anodized
08.630.0000.157	Aluminium, E4/C-35 anodized

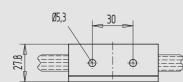
### Glass holder, aluminium, straight support

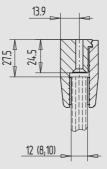
- for 6 and 8 mm glass thickness
- rounded shape

Artno.	Material/Surface
08.631.0000.112	Aluminium, E4/C-0 anodized
08.631.0000.152	Aluminium, E4/C-34 anodized
08.631.0000.157	Aluminium, E4/C-35 anodized

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### Glass holder, aluminium, straight support

- angular shape
- without security pin

Artno.	for glass thickness	Material/Surface
08.632.0008.112	8	Aluminium, E4/C-0 anodized
08.632.0008.152	8	Aluminium, E4/C-34 anodized
08.632.0008.157	8	Aluminium, E4/C-35 anodized
08.632.0010.112	10	Aluminium, E4/C-0 anodized
08.632.0010.152	10	Aluminium, E4/C-34 anodized
08.632.0010.157	10	Aluminium, E4/C-35 anodized
08.632.0012.112	12	Aluminium, E4/C-0 anodized
08.632.0012.152	12	Aluminium, E4/C-34 anodized
08.632.0012.157	12	Aluminium, E4/C-35 anodized
Information	All glass holders w	vill basicly be delivered with

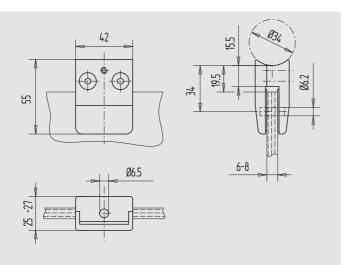
security pin. (Glass treatment, see page 495)

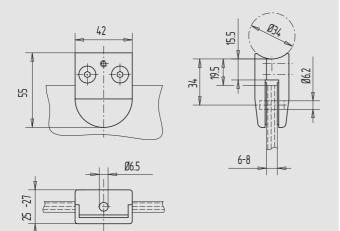




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### Glass holder, aluminium, arched support

- for 6 and 8 mm glass thickness
- angular shape
- for 34 mm tube diameter

Artno.	Material/Surface
08.633.0000.112	Aluminium, E4/C-0 anodized
08.633.0000.152	Aluminium, E4/C-34 anodized
08.633.0000.157	Aluminium, E4/C-35 anodized

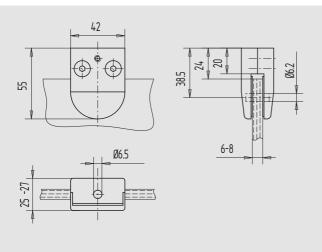
### Glass holder, aluminium, arched support

- for 6 and 8 mm glass thickness
- rounded shape
- for 34 mm tube diameter

Artno.	Material/Surface
08.634.0000.112	Aluminium, E4/C-0 anodized
08.634.0000.152	Aluminium, E4/C-34 anodized
08.634.0000.157	Aluminium, E4/C-35 anodized
Information	All glass holders will basicly be delivered with security pin. (Glass treatment, see page 495)







### Glass holder, brass/stainless steel (V2A), straight support

- for 6 and 8 mm glass thickness
- rounded shape

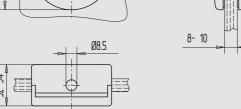
Artno.	Material/Surface
08.670.0000.318	Brass, polished, with clear coat
08.670.0000.328	Brass, matt brushed, with clear coat
08.670.0000.416	Stainless Steel V2A, polished
08.670.0000.426	Stainless Steel V2A, matt brushed

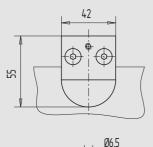
### Glass holder, brass/stainless steel (V2A), straight support

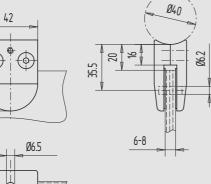
- for 8 and 10 mm glass thickness
- rounded shape

Artno.	Material/Surface
08.671.0000.318	Brass, polished, with clear coat
08.671.0000.328	Brass, matt brushed, with clear coat
08.671.0000.416	Stainless Steel V2A, polished
08.671.0000.426	Stainless Steel V2A, matt brushed

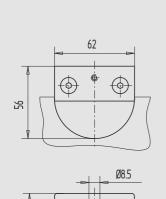
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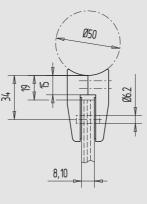






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### Glass holder, brass/stainless steel (V2A), arched support

- for 6 and 8 mm glass thickness
- rounded shape
- for 40 mm tube diameter

Artno.	Material/Surface
08.675.0000.318	Brass, polished, with clear coat
08.675.0000.328	Brass, matt brushed, with clear coat
08.675.0000.416	Stainless Steel V2A, polished
08.675.0000.426	Stainless Steel V2A, matt brushed

### Glass holder, brass/stainless steel (V2A), arched support

- for 8 and 10 mm glass thickness
- rounded shape
- for 50 mm tube diameter

Artno.	Material/Surface
08.676.0000.318	Brass, polished, with clear coat
08.676.0000.328	Brass, matt brushed, with clear coat
08.676.0000.416	Stainless Steel V2A, polished
08.676.0000.426	Stainless Steel V2A, matt brushed

Information All glass holders will basicly be delivered with security pin.
(Glass treatment, see page 495)

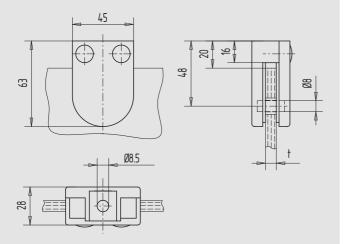


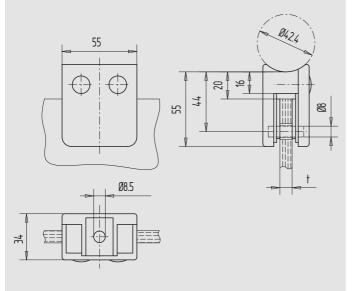
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### Glass holder, stainless steel (V4A), straight support

angular shape

Artno.	for laminated security glass	Material/Surface
08.680.0008.428	8,76	Stainless Steel V4A, matt brushed
08.680.0010.428	10,76	Stainless Steel V4A, matt brushed
08.680.0012.428	12,76	Stainless Steel V4A, matt brushed

### Glass holder, stainless steel (V4A), straight support

rounded shape

Artno.	for laminated security glass	Material/Surface
08.681.0006.428	6,76	Stainless Steel V4A, matt brushed
08.681.0008.428	8,76	Stainless Steel V4A, matt brushed

### Glass holder, stainless steel (V4A), arched support

- angular shape
- for 42,4 mm tube diameter

Artno.	for laminated security glass	Material/Surface
08.685.0008.428	8,76	Stainless Steel V4A, matt brushed
08.685.0010.428	10,76	Stainless Steel V4A, matt brushed
08.685.0012.428	12,76	Stainless Steel V4A, matt brushed
Information	All glass holders will basicly be delivered with security pin. (Glass treatment, see page 495)	







### Glass holder, stainless steel (V4A), arched support

- rounded shape
- for 42,4 mm tube diameter

Artno.	for laminated security glass	Material/Surface
08.686.0006.428	6,76	Stainless Steel V4A, matt brushed
08.686.0008.428	8,76	Stainless Steel V4A, matt brushed

### Glass holder, stainless steel (V4A), arched support

- angular shape
- for 48,3 mm tube diameter

Artno.	for laminated security glass	Material/Surface
08.687.0008.428	8,76	Stainless Steel V4A, matt brushed
08.687.0010.428	10,76	Stainless Steel V4A, matt brushed
08.687.0012.428	12,76	Stainless Steel V4A, matt brushed

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### Glass holder, stainless steel (V4A), arched support

- rounded shape
- for 48,3 mm tube diameter

Artno.	for laminated security glass	Material/Surface
08.688.0006.428	6,76	Stainless Steel V4A, matt brushed
08.688.0008.428	8,76	Stainless Steel V4A, matt brushed

45	88
08.5	†

Information All glass holders will basicly be delivered with security pin.
(Glass treatment, see page 495)





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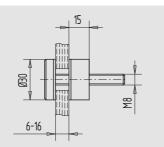
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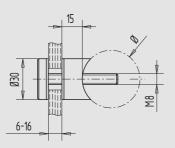
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### Glass holder, stainless steel (V4A), straight support

- for 6 16 mm glass thickness
- glass drilling hole 16 mm diameter, adjustable

Artno.	Material/Surface
08.695.0000.428	Stainless Steel V4A, matt brushed

### Glass holder, stainless steel (V4A), arched support

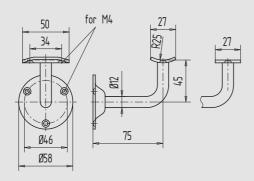
- for 6 16 mm glass thickness
- glass drilling hole 16 mm diameter, adjustable

Artno.	for tube-Ø	Material/Surface
08.696.0042.428	42,4	Stainless Steel V4A, matt brushed
08.696.0048.428	48,3	Stainless Steel V4A, matt brushed





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# Hand rail support, rotatable support

■ with anchor bolt

Artno.	Support	Material/Surface
08.700.0010.035	domed	Steel, silver lacquered
08.700.0010.112	domed	Aluminium, E4/C-0 anodized
08.700.0010.152	domed	Aluminium, E4/C-34 anodized
08.700.0010.318	domed	Brass, polished, with clear coat
08.700.0020.035	flat	Steel, silver lacquered
08.700.0020.112	flat	Aluminium, E4/C-0 anodized
08.700.0020.152	flat	Aluminium, E4/C-34 anodized
08.700.0020.318	flat	Brass, polished, with clear coat

# Hand rail support, rotatable support

■ with 3 sunk fixing holes to screw-on

Artno.	Support	Material/Surface
08.701.0010.035	domed	Steel, silver lacquered
08.701.0010.112	domed	Aluminium, E4/C-0 anodized
08.701.0010.152	domed	Aluminium, E4/C-34 anodized
08.701.0010.318	domed	Brass, polished, with clear coat
08.701.0010.328	domed	Brass, matt brushed, with clear coat
08.701.0020.035	flat	Steel, silver lacquered
08.701.0020.112	flat	Aluminium, E4/C-0 anodized
08.701.0020.152	flat	Aluminium, E4/C-34 anodized
08.701.0020.318	flat	Brass, polished, with clear coat
08.701.0020.328	flat	Brass, matt brushed, with clear coat

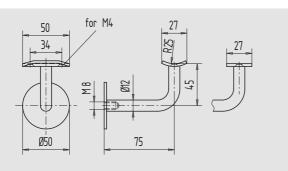
# Hand rail support, fixed support

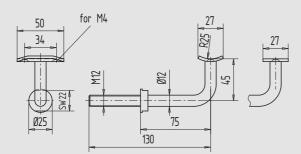
■ with 3 sunk fixing holes to screw-on

Artno.	Support
08.702.0010	domed
08.702.0020	flat

Surface codes	Material/Surface
010	Steel, zinc-plated
020	Steel, black lacquered
035	Steel, silver lacquered
099	Steel, special surface
318	Brass, polished, with clear coat
328	Brass, matt brushed, with clear coat
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed







# Hand rail support, fixed support

with anchor bolt

Artno.	Support
08.703.0010	domed
08.703.0020	flat

Surface codes	Material/Surface
010	Steel, zinc-plated
020	Steel, black lacquered
035	Steel, silver lacquered
099	Steel, special surface
318	Brass, polished, with clear coat
328	Brass, matt brushed, with clear coat
416	Stainless Steel V2A, polished
426	Stainless Steel V2A, matt brushed

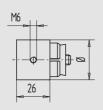
# Hand rail support, fixed support

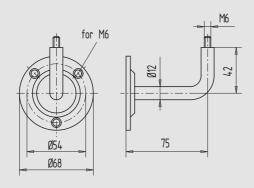
with thread M12 to anchor

Artno.	Support	Material/Surface
08.704.0010.010	domed	Steel, zinc-plated
08.704.0010.020	domed	Steel, black lacquered
08.704.0010.035	domed	Steel, silver lacquered
08.704.0010.099	domed	Steel, special surface
08.704.0010.416	domed	Stainless Steel V2A, polished
08.704.0010.426	domed	Stainless Steel V2A, matt brushed
08.704.0020.010	flat	Steel, zinc-plated
08.704.0020.020	flat	Steel, black lacquered
08.704.0020.035	flat	Steel, silver lacquered
08.704.0020.099	flat	Steel, special surface
08.704.0020.416	flat	Stainless Steel V2A, polished
08.704.0020.426	flat	Stainless Steel V2A, matt brushed









#### Stainless steel spherical joint for hand rails

- 3D-adjustable 90° 180°
- clamping system

Artno.	for Ø	L	Material/Surface
08.800.0035.426	35,0 x 1,5	105	Stainless Steel V2A, matt brushed
08.800.0040.426	40,0 x 2,0	110	Stainless Steel V2A, matt brushed
08.800.0042.426	42,4 x 2,0	110	Stainless Steel V2A, matt brushed

#### Stainless steel connection collar for hand rails

- drilling hole for hand rail support (M6)
- clamping system

Artno.	for Ø	Material/Surface
08.801.0035.426	35,0 x 1,5	Stainless Steel V2A, matt brushed
08.801.0040.426	40,0 x 2,0	Stainless Steel V2A, matt brushed
08.801.0042.426	42,4 x 2,0	Stainless Steel V2A, matt brushed

#### Stainless steel end cap for hand rails

Artno.	for Ø	Material/Surface
08.802.0035.426	35,0 x 1,5	Stainless Steel V2A, matt brushed
08.802.0040.426	40,0 x 2,0	Stainless Steel V2A, matt brushed
08.802.0042.426	42,4 x 2,0	Stainless Steel V2A, matt brushed

#### Stainless steel end-collar for hand rails

- drilling hole for hand rail support (M6)
- clamping system

Artno.	for Ø	Material/Surface
08.803.0035.426	35,0 x 1,5	Stainless Steel V2A, matt brushed
08.803.0040.426	40,0 x 2,0	Stainless Steel V2A, matt brushed
08.803.0042.426	42,4 x 2,0	Stainless Steel V2A, matt brushed

#### Stainless steel hand rail support

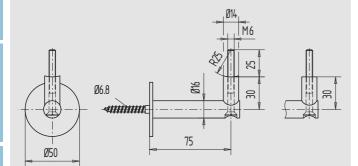
- to be mounted with screws
- thread M6 for tube and muffle

Artno.	Material/Surface
08.804.0000.426	Stainless Steel V2A, matt brushed



6







#### Stainless steel cover cap

Artno.	Material/Surface
08.805.0000.426	Stainless Steel V2A, matt brushed
Accessories:	

Stainless steel hand rail support page 507

#### Stainless steel hand rail support

- with anchor bolt
- thread M6 for tube or muffle

Artno.	Support	Material/Surface
08.806.0010.426	domed	Stainless Steel V2A, matt brushed
08.806.0020.426	flat	Stainless Steel V2A, matt brushed

#### Stainless steel tube

Artno.	Ø	t	L	Material/Surface
08.807.0035.426	35	1,5	6000	Stainless Steel V2A, matt brushed
08.807.0040.426	40	2	6000	Stainless Steel V2A, matt brushed
08.807.0042.426	42.4	2	6000	Stainless Steel V2A, matt brushed



#### General information

Frequently asked questions (FAQ)Transaction drawers and deal trays 512 513





























### **Everything in the box.**

- corrosion resistant materials, zinc plated or powdercoated for long durability
- indirect lighting of nameplates for better orientation
- dry post due to water channel for controlled rain flow
- high-quality stainless steel hinges
- Mail holding frames prevent a fallout of the mail
- any special versions acc. to your drawing available

Due to the high quality materials all mail boxes have a 10 year warranty against rust.

### Silent post.

- Mail boxes and bell boxes out of zinc plated steel, aluminium or stainless steel
- produced with modern stamp-riveting-system, without welding
- acc. EN 13721
- high quality stainless steel hinges (V4A)
- calm action due to damping profile-rubbers at the flaps
- Aluminium phone grid
- any special versions acc. to your drawing available

The dampening by profile rubbers on the hatches provide calm action, especially in apartment houses.





## Trend-setting acc. to UVV

- according to UVV-requirements no access from outside
- Sliding tray acc. to EN FB 4 NS out of bullet-proof steel
- functional expansion of the facility by installation of additional components possible
- complete systems for different buildings

From a single button up to extensive facilities, as modular system or individual special solution, WSS can provide everything concerning hatches and sliding-trays.

### Numbers for house and yard.

- stainless steel, brass, aluminium or PVC
- concealed fixing
- high-quality surface
- wheather proof
- various special versions with different sizes and styles of lettering available

The variety of different versions of shape, color and material allows the individual design of your house front.

5. Determination of the different mail

6. Burglar-proof acc. to two different standards.

## Frequently asked questions (FAQ).

#### ■ What is DIN EN 13724?

This standard enables the smooth delivery of post and defines the boxand flap sizes.

Requirements of the standard:

- 1. Resistant against rust after a 240 hour lasting salt-fog-test acc. to DIN EN 1670.
- 2. The guarantee that envelopes with a format up to C4 can be delivered without being damaged.
- 3. Prevention against unauthorized taking of the content.
- 4. A minimum pack height of 40 mm mails with C4 format to guarantee a mimimum volume.

Macmeine



## ■ Which DIN-formats can envelopes

There are the following DIN-formats for envelopes:

- 1. A3 = 297 mm x 420 mm
- 2.  $B3 = 353 \text{ mm} \times 500 \text{ mm}$
- $3. C3 = 324 \text{ mm } \times 458 \text{ mm}$
- $4. A4 = 210 \text{ mm } \times 297 \text{ mm}$
- 5. B4 = 250 mm x 353 mm
- 6.  $C4 = 229 \text{ mm } \times 324 \text{ mm}$
- 7.  $A5 = 148 \text{ mm } \times 210 \text{ mm}$
- $8. B5 = 176 \text{ mm } \times 250 \text{ mm}$
- 9.  $C5 = 162 \text{ mm } \times 229 \text{ mm}$

#### ■ What is acryl-/plexiglass?

Both materials are transparent plastics, which can be used instead of glass.

#### ■ What does bullet-proof mean?

The DIN EN 1522 describes seven different classifications from FB 1 (lowest security) to FB 7 (highest security).



## Transaction drawers and deal trays

#### ■ Product features

The following regulations can be fulfilled, depending on the product:

- Bullet-resistant acc. to UVV-Kassen
- Bullet-resistant acc. to DIN EN 1522 FB4-FB7
- Fire-resistance F30/F90 acc. to DIN 4102 with certificate

Deal tray openings must not enable direct shooting. If the depth is not more than 30 mm, there is no possibility to grab through the deal tray in any position.

There are further versions as well as special versions and surfaces available.

The functional enlargement (additional components, e.g. interphones) of the equipment is possible.

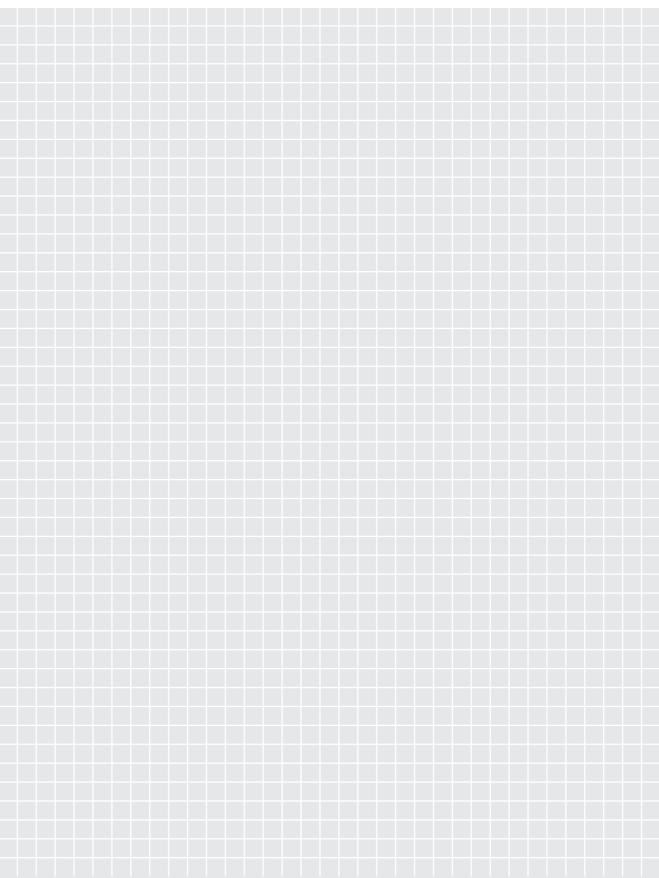
Please contact us if you require any consulting or a quotation. Our staff will help you.





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#### **Notes**



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#### **Surface keys**

#### **STEEL**

005 =Steel bright = 800 Steel hot dipped 010 = Steel galvanized

011 = Steel sendzimir zinc plated 012 = Steel yellow chromated 015 = Steel black chromated 020 = Steel black lacquered 025 =Steel satin nickel plated

026 = Steel chrome plated 030 =Steel silver powder coated 035 =Steel silver lacquered

040 = Steel dark bronze powder coated 045 =Steel dark bronze lacquered

Steel RAL 9010 pure white lacquered Steel RAL 9010 pure white powder coated Steel RAL 9016 traffic white lacquered 054 = 055 = Steel RAL 9016 traffic white powder coated

060 = Steel dark grey powder coated 065 = Steel deep black powder coated 095 = Steel RAL powder coated 099 = Steel special surface

#### **Brass**

305 =Brass bright 308 = Brass bronzed 310 = Brass galvanized 316 = Brass polished

318 = Brass polished, with clear lacquer

325 = Brass satin nickel plated 326 = Brass satin

328 = Brass satin, with clear lacquer

330 = Brass silver lacquered

340 = Brass dark bronze powder coated 350 = Brass RAL 9010 pure white powder coated

355 = Brass RAL 9016 traffic white powder coated

371 = Brass chrome plated 372 = Brass satin chrome plated

374 = Brass polished chrome plated

375 = Brass nickel plated

376 = Brass velour nickel plated Brass polished nickel plated 377 = 395 = Brass RAL powder coated

399 = Brass special surface

#### **ALUMINIUM**

#### Anodizing

123 =

#### acc. to EURAS and standard colors

Aluminium bright 110 = Aluminium E2/C-0 silver Aluminium E3/C-0 silver 111 =

112 = Aluminium E4/C-0 silver 113 = Aluminium E5/C-0 silver

114 = Aluminium E6/C-0 silver 122 = Aluminium E4/EV 2 German silver

124 = Aluminium E6/EV 2 German silver

Aluminium E5/EV 2 German silver

127 = Aluminium E4/EV 3 129 = Aluminium E6/EV 3

137 = Aluminium E4/C-31

139 = Aluminium E6/C-31

142 = Aluminium E4/C-32 144 = Aluminium E6/C-32

147 = Aluminium E4/C-33

149 = Aluminium E6/C-33

152 = Aluminium E4/C-34 dark bronze 153 = Aluminium E5/C-34 dark bronze

154 = Aluminium E6/C-34 dark bronze

157 = Aluminium E4/C-35 black 158 = Aluminium E5/C-35 black

159 = Aluminium E6/C-35 black

198 = Aluminium stainless steel effect

#### Powder coating

230 = Aluminium silver

240 = Aluminium dark bronze

250 = Aluminium RAL 9010

255 = Aluminium RAL 9016 260 = Aluminium RAL 3026

267 = Aluminium RAL 9006

295 = Aluminium RAL

299 = Aluminium special surfaces

#### Lacquer

Aluminium black 220 = 235 = Aluminium silver

245 = Aluminium dark bronze 251 = Aluminium RAL 9010

256 = Aluminium RAL 9016 **STAINLESS STEEL** 

405 = Stainless steel V2A 304 bright
408 = Stainless steel V4A 316 bright
416 = Stainless steel V2A 304 polished
418 = Stainless steel V4A 316 polished
426 = Stainless steel V2A 304 satin
428 = Stainless steel V4A 316 satin
429 = Stainless steel V2A 304 PVD/Titan coated

455 = Stainless steel V2A 304 RAL 9016 powder coated

**PVC** 

505 = PVC natural
510 = PVC transparent
535 = PVC silver lacquered

**550** = PVC white

**556** = PVC RAL 9016 traffic white lacquered

558 = PVC blue
 560 = PVC bronze
 565 = PVC black
 570 = PVC grey

**572** = PVC stainless steel effect

573 = PVC brass effect575 = PVC green580 = PVC metalized

**GLASS** 

**805** = Glass clear

**RUBBER** 

**825** = Rubber grey

MALLEABLE CAST IRON

605 = Malleable cast iron untreated
 608 = Malleable cast iron hot zinc dipped
 610 = Malleable cast iron galvanized
 620 = Malleable cast iron black lacquered
 625 = Malleable cast iron nickel plated
 699 = Malleable cast iron special surface

ZINC DIE CASTING

705 = Zinc die casting untreated
 710 = Zinc die casting galvanized
 715 = Zinc die casting black chromated
 725 = Zinc die casting satin nickel plated

730 = Zinc die casting silver powder coated
 735 = Zinc die casting silver lacquered

**737** = Zinc die casting white lacquered

740 = Zinc die casting dark bronze powder coated750 = Zinc die casting RAL 9010 pure white powder coated

**755** = Zinc die casting RAL 9016 traffic white powder coated

**770** = Zinc die casting RAL 9005 black powder coated

772 = Zinc die casting satin chrome plated
773 = Zinc die casting stainless steel effect
774 = Zinc die casting polished chrome plated
780 = Zinc die casting yellow chromated
795 = Zinc die casting RAL powder coated

**799** = Zinc die casting special surface

**BRONZE** 

905 = Bronze natural

**INFORMATION** 

E2 satinE3 polished

**E4** grinded and brushed

**E5** grinded, brushed and polished

chemically pickledcorresponds EV 1

The assortment of colors is different in each chapter. You will find details in the respective chapters.

Due to different materials and treatments, there might be little color differences.

Further surface treatments are possible on request.

4

## **Color samples**

#### **ALUMINIUM**



E4/C-0 silver anodizing



E4/EV 2 German silver anodizing



E4/EV 3 brass color anodizing



E4/S5/EV 5 goldfarbig



E4/C 31 stainless steel color a nodizing



E4/C 32 light bronze anodizing



E4/C 33 mid bronze anodizing



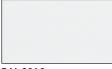
E4/C 34 dark bronze anodizing



E4/C 35 black anodizing



**RAL 9010** pure white powder coating



**RAL 9016** traffic white powder coating



**RAL 1023** traffic yellow powder coating



**RAL 3003** ruby red powder coating



**RAL 3007** 



dark red powder coating



ultramarine blue powder coating



**RAL 5011** steel blue powder coating



**RAL 6029** mint green powder coating



**RAL 7016** anthracite grey powder coating



**RAL 7035** light grey powder coating



**RAL 8014** sepia brown powder coating

#### **MESSING**

deep black powder coa-

**RAL 9005** 



satin finish, with clear lacquer



polished, with clear lacquer

**RAL 9006** 

white aluminium powder coating



satin chrome plated



polished chrome plated



velour nickel plated

#### **EDELSTAHL**



satin grinded



#### **INFORMATION**

The variety of available colors is different in each chapter. Details you can find in each product description under "Material/Surface".

These color samples are only for orientation. Color differences are caused typographically.

Further surfaces/colors are possible. Please ask our staff.

## Icons which can help you

#### Symbols and their meaning



#### Frequently asked questions (FAQ)

The symbol for frequently asked questions guides the way to various answers in each chapter.



#### **Technical information**

There are many technical information about different products mentioned in this catalogue. This symbol guides you to the most important information about each product.



#### Surface

There are many technical information about different products mentioned in this catalogue. This symbol guides you to the most important information about each product.



#### Certifikate European

This sign indicates the usability acc. to the guidelines of a European harmonized standard in combination with further information (e.g. standard codes etc.).



#### Panic function

Enables the escaping from the inside to the outside, even when the door is locked.



#### EN 179

EN standard for emergency exit doors



#### EN 1125

EN standard for panic doors



#### RAL

This quality label shows that the product has been tested on durability, burglary resistance etc. acc. to a RAL-guideline.



#### MPA-tested

This quality label indicates that the product was tested on durability and smoke- and fire resistance.

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4

5

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Lock for shaft cover

2

5

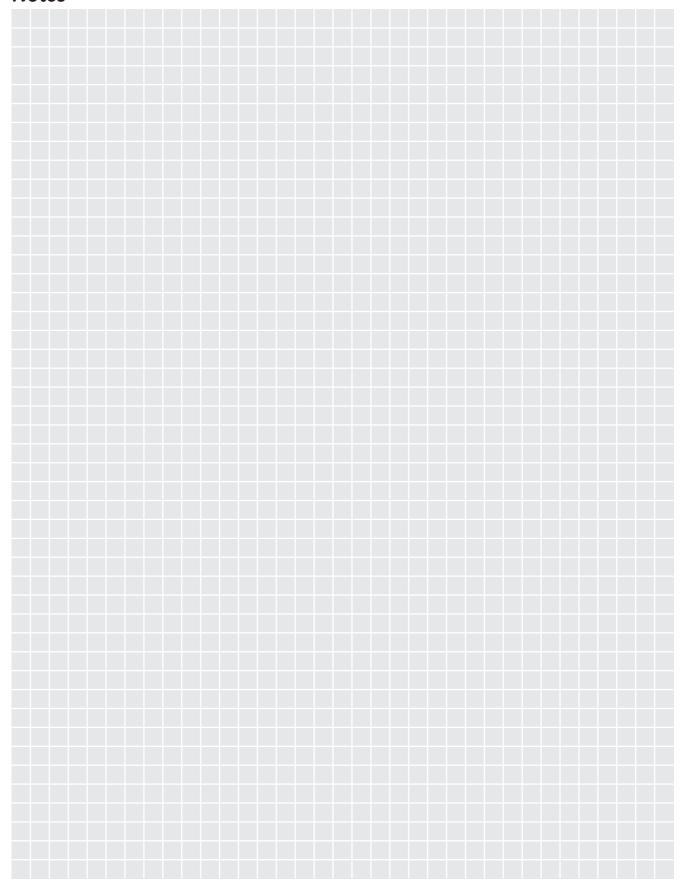
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#### **Notes**



#### **Terms of Business**

- I. Scope, General
  (1) All offers, confirmations, deliveries and services to or on behalf of traders, legal entities under public law and special assets under public law are exclusively based on our Terms of Business set forth below. The delivery and assembly of smoke and heat exhaust systems is additionally governed by our respective Special Conditions. Anterior versions of our Terms shall be rendered ineffective for new contracts. This is also applicable for existing business connections.

  (2) Any deviations from or changes to our Terms of Business shall be subject to our prior
- written confirmation. In the context of existing business connections, the Terms set forth below are also applicable for future orders if we do not expressly refer to their applicability in each individual case. Any divergent terms that may be applied by the purchaser are also excluded if we do not expressly disagree with them or execute the delivery without reservation, being fully aware of such divergent terms.

  (3) If any provision or parts thereof be held impracticable or invalid, the effectiveness
- of other provisions shall remain unaffected. For this case, the Parties agree to replace the impracticable or invalid provisions with provisions as similar in economic terms to such invalid provision as may be legally possible. The same applies for any unintended omissions by one of the Parties.

#### II. Offer, Order, and Conclusion of the Contract

- (1) Unless expressly limited, our offers are valid for an appropriate period of time and subject to change without notice. The goods are subject to prior sale.
- (2) Unless both Parties sign a document to that effect, contracts require our written confirmation in order to come into effect. Any changes, amendments, subsidiary agreements, in particular warrants and guarantees, are subject to our express written prior consent in order to become effective. This also applies for business transactions submitted to us by the purchaser through mediation of sales agents acting on our behalf. Provided our customers' order can be classified as an offer within the meaning of § 145 BGB (~ German Civil Code), the order can be accepted with a fortnight.
- (3) The purchaser shall review the contents of written order confirmations and shall notify us of any inconsistencies without undue delay.
- (4) Information on the subject of the delivery or service as well as their specifications do not represent warranted characteristics, but are mere escriptions.

- (1) Unless expressly stated otherwise, our prices are calculated in euros and as a matter of principle refer to the net value of the goods quoted ex works (excluding transport packaging, transport costs, insurance, customs duties and taxes). The current VAT
- rate will be indicated separately and added to the net value.

  (2) We shall be entitled to pass on the charges for increased labour expenses as well as our cost price for materials and external services in proportion to the increase in such charges since the time the contract was concluded, provided a period of at least 4 months has passed between the conclusion of the contract and the delivery date (including delays which we are not accountable for). Unless expressly otherwise agreed, this provision shall also be applicable for master agreements and call-off purchase agreements. The delivery time within this meaning is deemed to be the time at which the goods are/can be provided for delivery/collection
- (3) We reserve the right to raise a surcharge for quantities below minimum for orders of individual locks and fittings, especially for products with particular measurements or
- (4) To the extent that we grant discounts on our catalogue prices, no legal right shall be constituted as to the granting and amount of discounts. This shall also apply for the nonrecurring granting of special or quantity discounts or special prices. Prior to concluding the contract, we reserve the right to change our prices and discount policy at any time, in line with the cost situation. No discounts are granted for orders below € 200 in order to cover – at least partially – our handling costs.&nbs

#### IV. Changes, Special Parts

- (1) Technically required changes and deviations from the specifications of an order are admissible on our part, provided the quality remains unaffected and such changes and deviations are reasonable with regard to the purchaser's justified concerns.

  (2) Any tools, equipment, moulds, models etc. manufactured for the production of special
- parts will always remain our property and cannot be released, even if the purchaser paid part of the production costs. We are under no obligation to accept follow-up orders.

#### V. Delivery and Delays in Delivery

- (1) Unless otherwise agreed, our delivery terms are ex works.
- (2) Unless expressly stipulated as binding, our delivery terms are approximate dates which we will strive to observe. As soon as we can foresee that goods will not be ready for delivery within the given time period / at the given time, we will notify the purchaser immediately and in writing, indicating the reason for the delay and, if possible, the prospective delivery date. The notification of readiness for dispatch or collection is relevant for adherence to delivery dates, unless the goods have already left the warehouse within the indicated delivery period. We shall be entitled to deliver parts of the order within the delivery time if it can be reasonably expected of the purchaser to accept such deliveries. Each partial delivery constitutes a separate
- business transaction which can be invoiced separately.

  (3) The beginning of the delivery time indicated by us / the compliance with a fixed delivery date is subject to the clarification of all technical details as well as timely performance of the purchaser's duties. All rights of defence of non-performance are
- (4) The purchaser shall only have the right of rescission from the contract on grounds of non-performance on our part after a period of grace for provision of the service has expired. Granting a period of grace and rescission from the contract are to be made
- in writing.

  (5) Should the operation of our or our suppliers' business be disturbed by industrial disputes (strike or lock-out) or due to force majeure, such as natural disasters, war, riots, acts of sabotage, boycott or blockade, accidents, failure of machinery and loading units, interruption of energy supply or government action, or should the

supplier file for insolvency, and should this result in considerable obstruction or even a standstill in production, the delivery terms shall be extended by the duration of the disruption as well as a suitable start-up period. Unless prevented by the type and scope of the disruption, we undertake to notify the purchaser of the disruption, its type and time of occurrence within a period of 7 days following the occurrence of the

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This period shall be deemed adhered to at the time the notification is dispatched. The same shall be applicable when the disruption has ended. Should the disruption be of a permanent nature, we shall be entitled to withdraw from the contract by written declaration. Otherwise the purchaser shall be obliged to accept the goods, provided this can be reasonably expected and a suitable period of grace has expired without results. In cases of unreasonableness and if the period of grace has expired, the purchaser shall be entitled to withdraw from the contract by written declaration.

Any further claims against us shall be excluded in such cases.

(6) Call-off purchase orders are valid for a maximum of 8 months after date of order

- confirmation. Following the expiration of this period, we shall be entitled to send any products that have not been called up to the purchaser and invoice them or to invoice for materials kept in our store, plus surcharges for costs and profit.
- (7) In case of delays in call-off purchases, collection or dispatch of goods for reasons within the purchaser's responsibility, we shall be entitled to charge a storage fee amounting to 0.5% of the invoice amount. The storage fee shall be charged one month after the readiness of the goods for dispatch was announced and shall be payable per opened month. The storage fee shall be limited to a maximum of 5% of the net value of the goods, plus VAT.

#### VI. Dispatch, Packaging, Transfer of Risk, Insurance

- (1) For consequential losses caused by the transit / carrier such as loss or stealing of a whole consignment, burning of a consignment etc. we assume no liability of penalties with regards to deadlines which may have occurred etc.
- (2) LThe dispatch shall normally be effected at the purchaser's cost and risk, according to our best judgement with no obligation of cheapest and safest means of transport.

  (3) A charge will be raised for the packaging. Once the shipment has been accepted by
- the carrier without objections, evidence of appropriate packaging shall be deemed to be provided. The risk of deterioration or accidental loss shall be transferred to the purchaser as soon as the goods have been put at his disposal or have been handed over to the forwarder or carrier, however no later than 7 days following receipt of the notification that the goods are ready for dispatch.

#### (4) Transport packaging

- a) All forwarders provide iron-barred boxes on loan on a swapping basis.
- b) Cardboard boxes: We exclusively use cardboard boxes that correspond to the latest packaging regulations and have the RESY label. The adhesive tape used to close the boxes is made from paper of the same type, and straps are made of recyclable polypropylene.
- c) We invoice for transport packing at cost price. Packaging can be returned to us and recycled at no extra cost for us, provided return shipments are sent free domicile. Packaging materials will be recycled into filler materials and can only be accepted when dry and free from third-party boxes or straps. Any boxes not fulfilling these criteria will be rejected.

#### VII. Returns

- (1) Returns require our permission and have to be made free of forwarding costs to our
- (2) If we are not responsible for the return, we may reduce the credit note up to 30% for the incurred expenses depending on the extant and manner of the return.

#### VIII. Terms of Payment

- (1) All invoices are payable within 14 days with a 2 percent cash discount or 30 days net. Invoices shall be deemed settled on receipt of payment at our end. A cash discount is only granted if all invoices due for net payment have been settled. Invoices for assembly and wage labour are payable strictly net within 10 days. Furthermore, we shall be authorized to determine how payments are to be offset, according to §§ 366, 367 BGB (~ German Commercial Act).
- (2) Our sales representatives are not authorized to collect any payments.
- (3) Discounting of drafts is subject to special agreement. Drafts and cheques shall always be discounted in fulfilment.

#### IX. Delay in Payment

- (1) On expiration of the date of payment, we shall, without the requirement of prior reminders, charge interest to the amount of the costs we incur for bank loans, however no less than 8% above the applicable base rate. We reserve the right to claim potential further damages
- (2) All outstanding receivables (including those resulting from bills of exchange) shall become due for payment immediately in cases of delay in payment, pending suspension of payment, or unfavourable credit information on the purchaser (in
- particular in case of bill protests or compulsory execution).

  (3) Should the aforementioned case occur, we shall be entitled, for cautionary reasons, to retrieve goods that have already been delivered. The purchaser's obligation to pay shall remain unaffected in such cases. The purchaser shall grant us access, for this purpose, to the premises in which the goods are stored and shall surrender the goods. If no delivery has been made, we shall be entitled to produce and deliver goods subject to payment in advance or provision of a security. We shall also be entitled to withdraw from the contract and assert claims for damages.

#### X. Material Defects and Liability for Other Claims

 $(1) The {\it quality} of the {\it goods} to {\it be} {\it delivered} is exclusively {\it based} on our technical specifications$ and the technical specifications agreed upon. No contractual guarantees as to the quality of the goods to be delivered can be deducted from advertising or targeting. If production and delivery of the goods are based on drawings, samples, specifications etc. provided by the purchaser, it shall be the purchaser's sole risk that the goods are suitable for their intended use. The contractual status of the goods to be delivered shall be effective at the time of transfer of risks.

- (2) We exclude liability for material defects occurring due to unsuitable or improper use or handling, incorrect assembly, fair wear and tear or faulty or insufficient maintenance. We further exclude liability for the consequences of improper amendments or repairs by the purchaser or third parties or such changes or repairs as have been made without our consent. The same shall be applicable for defects that represent an insubstantial impairment of the product's value or suitability.
- (3) If a formal acceptance procedure has been agreed upon or if specimen sampling was carried out, claims for such defects are excluded as the purchaser should have recognized and identified in the course of a thorough acceptance procedure or specimen sampling.
- (4) Unless the law calls for extended time periods, in particular for goods whose intended use was for construction of a building and which, in line with that use, have deteriorated the quality of the building, entitlement to damages for defects become time-barred 12 months from the time the goods were delivered to the purchaser or a third party appointed for this purpose by the purchaser.
- (5) Unless expressly stipulated otherwise in writing, we exclude liability for the suitability of the goods offered or delivered by us for any purpose intended by the purchaser other than the general, intended use stipulated by us. It is exclusively incumbent upon the purchaser to test application of the goods for other than the intended use prior to their use.
- (6) To the extent that we offer or deliver locks with the specification "varied locking", this specification does not guarantee that locking might not be repetitive.(7) The purchaser shall arrange for inspection of the goods immediately upon receipt,
- (7) The purchaser shall arrange for inspection of the goods immediately upon receipt, either by himself or by a third party appointed as recipient of the goods by the purchaser, in order to establish that the goods are free of defects, corresponding to the order confirmation, and complete. The delivery or service is deemed accepted if no complaint is received by us within a maximum of 8 days following delivery, in writing or by fax. Should a defect not be recognized in the course of the inspection carried out upon the receipt of the goods, the same deadline of 8 days shall be applicable as from the time the defect is detected.
- (8) Goods rejected by the purchaser (or samples, if possible) are to be kept at our disposal for inspection or to be returned to us on request. If the claims are justified, the purchaser shall be entitled to receive compensation for the costs incurred in connection with returning the goods. Should the purchaser fail to meet his obligations within a reasonable time frame set by us, or should the purchaser or external third parties make any changes to the rejected goods without our prior consent, any claims for damages will be forfeited.
- (9) We shall be entitled to decide, at our own discretion, whether to mend the rejected goods or to replace them with flawless substitutes.
- (10) If the supplementary performance entails disproportionately high costs, we shall be entitled to refuse it, in which case the purchaser is free to withdraw from the contract or demand abatement of the purchasing price. If supplementary performance is feasible and does not entail disproportionately high costs, but we fail to meet our contractual obligation within an appropriate period of time, the purchaser shall set a final deadline within which we are to comply with our contractual obligations. Following expiration of such deadline, the purchaser shall be entitled to demand abatement of the purchasing price, to withdraw from the contract or to commission a third party with the repair works at our cost. We shall not be obliged to bear any additional costs incurred by the transportation of the goods to a different location, be it the purchaser's head office or branches, unless this corresponds to the intended use of the goods, which we were made aware of.
- (11) We shall accept liability for claims for damages asserted on the part of the purchaser in line with applicable law, provided we are charged with intent or gross negligence on our part or on the part of our legal representatives or our auxiliary persons. If no intent is given, our liability shall be limited to the typical, foreseeable damages.
- (12) We shall accept liability in line with applicable law for the violation of cardinal duties on our part or on the part of our legal representatives or our auxiliary persons. However, liability shall be limited to the typical, foreseeable damages.
- (13) Statutory liability for damages incurred to a person's life, body or well-being, as well as liability in line with the Product Liability Act shall remain unaffected by the aforementioned provisions. However, it shall be incumbent upon the purchaser to communicate the information provided by us on the respective goods (product information and intended use, improper use, product capacity, maintenance, information and instruction duty) to his customer and to observe such information visà- vis his customer and to commit his customers to do the same vis-à-vis his customers in turn. Otherwise our liability shall be excluded to the extent that is legally admissible.
- (14) To the extent that this is legally admissibly, we exclude all further liability for claims no matter for what reason. This applies in particular for claims arising from culpa in comprehendo, other breaches of duty or tort action according to § 823 BGB (~ German Civil Code) as well as for lost profit and other material damages. § 444 BGB (~ German Civil Code) shall remain unaffected.
  - We are by no means bound by recourse law to any agreements made between the purchaser and his customer that are beyond legal liability claims. To the extent that our liability is excluded or limited, the same shall be applicable for any personal liability on the part of our legal representative, staff and auxiliary persons.
- (15) Unless otherwise stipulated by relevant, conclusive law, our contractual and noncontractual liability (also from tort law) shall be limited to the amount of our insurance cover:

EUR 2,555,000 for material damages EUR 51,000 for financial losses

#### XI. Retention of Title

- (1) All deliveries are executed subject to retention of title. All goods delivered shall remain our property until all claims vis-à-vis the purchaser have been settled.
- (2) If the purchaser uses the goods supplied by us for the processing of a new object, such processing shall be effected on our behalf without any obligations on our part. The purchaser stores the goods on our behalf. The acquisition of property on the part of the purchaser according to § 950 BGB (~ German Civil Code) shall be excluded. If the goods are processed together with other goods not delivered by us, we shall acquire partial property of the new object, in proportion to the value of the goods delivered by us and the other goods at the time of processing. The new object shall be deemed subject to retention of title within the meaning of these Terms.
- (3) The right to sell the goods subject to retention of title in ordinary business transactions shall be limited to purchasers who are also resellers. The purchaser herewith assigns his claims from reselling the goods subject to retention of title to us, the amount being equivalent to the value of the goods subject to retention of title; for the sale of goods processed together with other goods not delivered by us, or for other sale at a total price, the amount shall be calculated on the basis of the provisions of paragraph 3 above. If the goods subject to retention of title are integrated as integral parts into a third party construction project, the purchaser herewith assigns his claims against the third party or the party concerned to us, the amount being equivalent to the value of the goods subject to retention of title. If we are partial owners of the goods subject to retention of title, the assignment of claims shall be limited to the amount that is equivalent to the value of our share of the joint property. If the purchaser is entitled to create a cautionary mortgage in accordance with § 648 BGB (~ German Commercial Code), this claim shall be assigned to us to the amount that corresponds to the value of the goods subject to retention of title. The value of the goods subject to retention of title in this sense represents the value of our total receivables, including incidental claims (in particular cost and interest), plus a 20% cautionary surcharge. We herewith accept all aforementioned assignments and agree to all transfers of claims. We shall establish the rank of a partial amount that has been assigned in connection with the total receivables accruing to the purchaser
- (4) The purchaser shall only be authorized to sell or install the goods subject to retention of title with the proviso that all payment, wage or other compensation requests according to paragraph 3 are assigned to us. The purchaser shall not be authorized to dispose of the goods subject to retention of title in any other manner (including pledging and cautionary assignment) or to dispose of the claims that have been or are to be assigned to us according to paragraph 3 in any other manner (including assignment, cautionary assignment and pledging).
- (5) We conditionally authorize the purchaser to collect the receivables from the sale of the goods, the wage requests or other compensation claims. The purchaser thus acts as debt collector on our behalf and shall submit all amounts collected up to the amount of our receivables (including incidental claims, such as costs and interest). We shall refrain from making use of our authority to collect debts as long as the purchaser continues to meet his payment obligations. If requested to do so, the purchaser shall disclose to us the debtors of the claims that have been assigned and shall announce the assignment to them. We are herewith authorized to announce the assignment to the debtors on the purchaser's behalf.
- (6) In case of garnishment or other third party access to the goods subject to retention of title, the purchaser shall notify us without undue delay and, if required, initiate intervention that cannot be delayed, immediately and at his own expense.
- (7) If the value of the securities granted to us exceeds the value of our receivables by more than 20%, we shall be obliged, at the purchaser's request, to transfer or release securities in that respect. We shall determine the securities to be transferred or released at our own discretion. Once the full amount of all receivables from the business transaction has been settled.

#### XII. Lien, Set-off and Cession

- (1) Lien shall be excluded if the purchaser is obliged to make payment in advance; for the rest it shall only be admissible to the extent that it is based on the same contractual agreement.
- (2) The purchaser may only set off indisputable or legally established claims.
- (3) The purchaser's cession of any claims held against us to third parties requires our express prior consent. &nbs

#### XIII. Patents

If production of the goods is based on information, drawings or sketches provided by the purchaser, it shall be incumbent upon the purchaser to ensure that no third party patent or other trademark rights are infringed. Our liability is excluded in the legal relationship to the purchaser. The purchaser shall indemnify us from any third party claims and shall reimburse all costs incurred in connection with our defence against such third party claims.

#### XIV. Place of Performance, Jurisdiction and Applicable Law

- (1) The place of performance shall be in Heiligenhaus.
- (2) The legal venue for all claims arising to the Parties from this agreement, including action on a bill of exchange or a cheque, shall be the competent local court at the location of our head office. We may also choose to file action at the competent local court at the purchaser's location.
- (3) The legal relationship with the purchaser shall be exclusively based on the jurisdiction of the Federal Republic of Germany. The execution of the United Nation Convention of 11 April 1980 on Contracts of the International Sale of Goods (CISG) shall be excluded

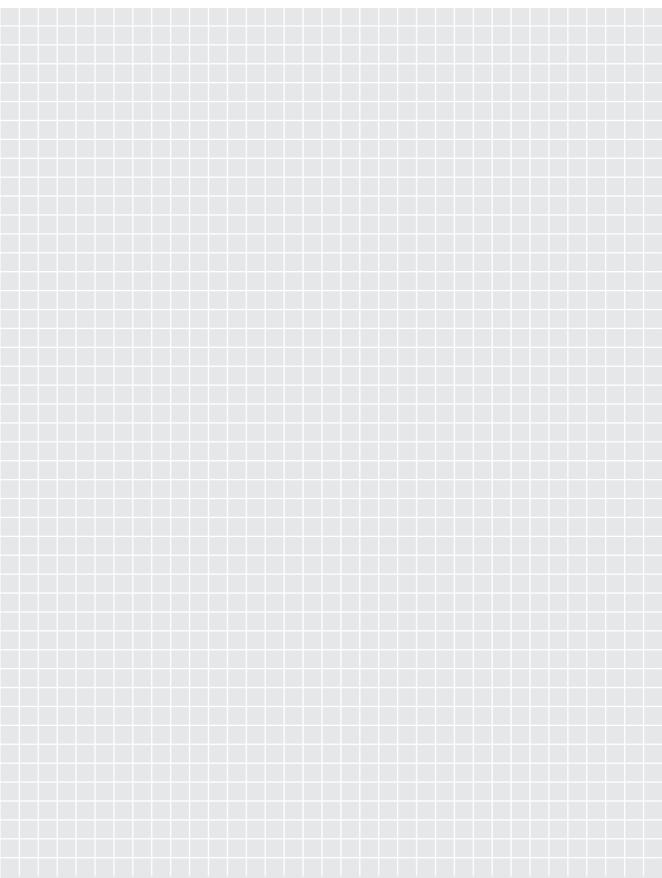
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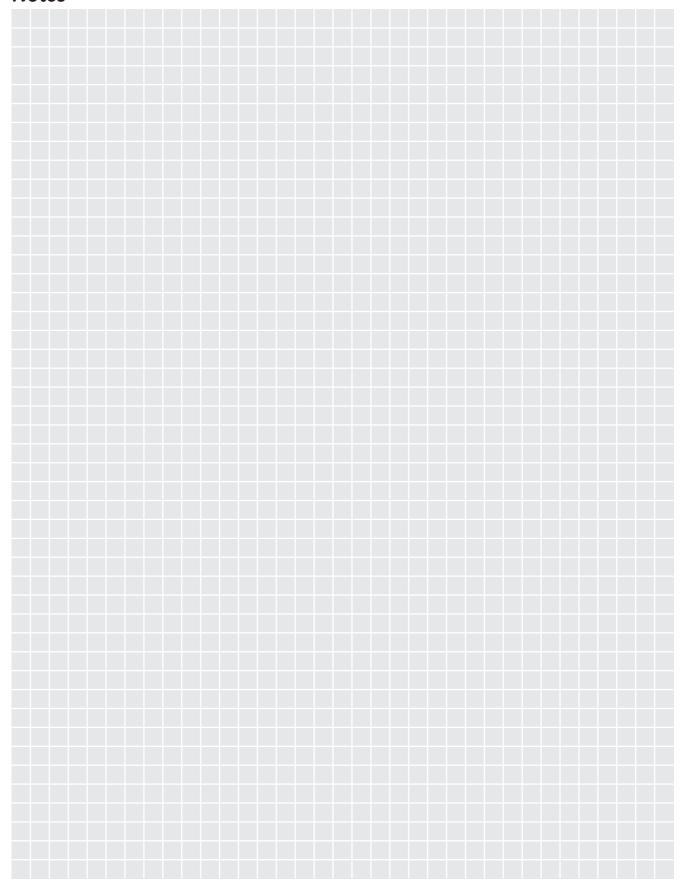
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#### **Notes**





#### **Notes**

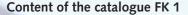


#### Hardware for windows and facades

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- Standard window hardware
- Fanlight opening systems
- Special opening solutions

















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#### Content of the catalogue GK 1

- Interior glass door hardware
- Exterior glass door hardware