

NINZ[®]

F I R E D O O R S

REVER multipurpose doors

"bare minimum, maximum performance!"



NINZ REVER multipurpose doors

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Features

REVER multipurpose doors

THE ECONOMICAL MULTIPURPOSE YOU ALWAYS WISHED FOR

"Quality first"

- Fully galvanized, including the "hidden" parts
- Made of "Sendzimir" processed hot-galvanized sheet metal
- Corrosion protection also provided along the cut edges of the metal
- Painted with epoxy-polyester thermoset powders in a 180 degree (Celsius) oven
- Extra-thick paint layer (over 70 microns)
- Optimal corrosion resistance as demonstrated by 500 hour salt-fog testing
- Finishing with high-quality aesthetics
- Orange skin anti-scratch structured paint
- Customizable with wide selection of RAL colors

"Practicality of use"

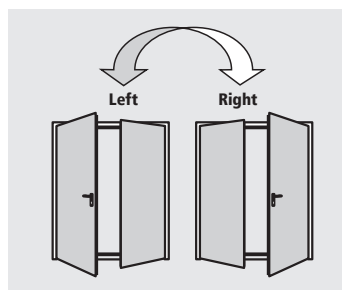
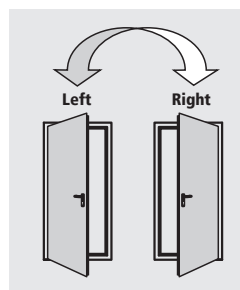
- Door reversibility*
- Indication of door opening direction not necessary
- Reduction of stock for retailers
- Simplifies choices for end customers
- Especially well-suited for indoor use
- Light but still sturdy
- Easy installation

"Versatility"

- Very wide field of application
- Can be combined with various frame types
- Installable onto any wall type
- Application with a block frame
- Can be combined with over-head frame panel with or without ventilating perforation
- Available with upper/lower crack enlargement
- Vast assortment of accessories
- Customized measurements also available

"Manufacturing technology"

- Manufacturing in modern and functional facilities which employ the latest technologies to maintain high quality levels and product uniformity
- The entire production process - from raw materials to painted and packaged products - takes place inside Ninz's own facilities, ensuring a 360 degree door control



*except in combination with certain optional accessories



One-leaved doors



Two-leaved doors

NOTE

The colors represented in the photos are not standard.

STANDARD ELEMENTS

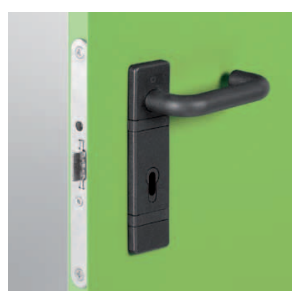
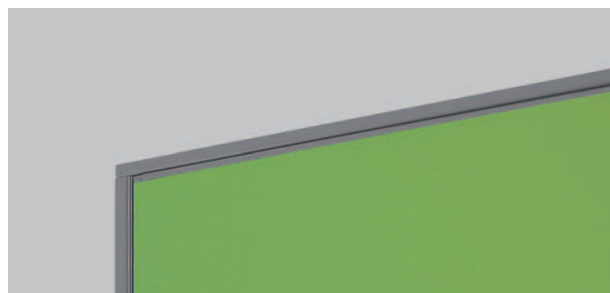
which comprise Rever multipurpose doors:

Door

- Made of "Sendzimir" processed hot-galvanized sheet metal, press folded
- Perimetral rebate on 4 sides
- Internal corrugated honeycomb fiber structure fixed firmly to the sheet metal
- Thickness of 40 mm

Doorframe

- Made of "Sendzimir" processed hot-galvanized sheet metal
- Grooves for rebate sealing
- Suitable for anchors for mortar fixing or expansion screws
- Detachable rebate for application on finished flooring
- Removable threshold for thresholdless installation
- Strike plates in black plastic for lock bolt
- Assembled doorframes for one-leaved doors
- Assembly required for two-leaved doorframes



Hinges

- Nr. 2 three-wing hinges for each leaf

Locking mechanism

- Reversible locking mechanism with bolt and central latch
- Insert with patent key, Euro profile cylinder ready

Handle

- Black plastic handle
- Fastener screws to pass
- Insert for patent-type key

Safety bolts

- Nr. 3 safety bolts applied on hinge side doorframe edge

NOTE

Cylinder and rebate sealing provided on request only.
The handle requires assembly.

Features

REVER multipurpose doors



INCLUDED ACCESSORIES

which comprise Rever multipurpose doors:

Safety lock

- Central latch for blocking and unblocking the passive leaf
- Lever control for unlocking vertical rods

Upper coupling system for the secondary leaf

- Vertical rod with steel point which inserts into the upper strike box
- Upper strike box in black plastic with steel roller

Lower coupling system for the secondary leaf

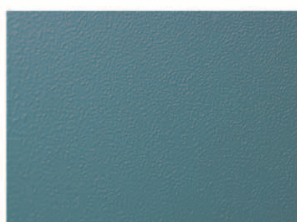
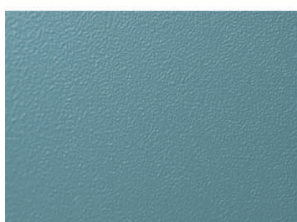
- Vertical rod with steel point which inserts into lower strike box
- Floor catch (floor-mounted bushing) in black plastic, for doors without threshold
- Floor catch in black plastic with a steel roller, for doors with threshold



Standard paint - group 01:

leaf color NCS 4020-B50G

frame color NCS 5020-B50G



Finishing

- Standard painted with epoxy-polyester thermoset powders in a 180 degrees oven, orange skin, anti-scratch finishing
- Standard pastel turquoise color, lighter tone for the leaf (NCS4020-B50G), darker tone for the frame (NCS5020-B50G)

Standard packaging

- Single door wrapped into stretchable polyethylene (PE) film
- Assembled doorframes for one-leaved doors
- Assembly required for doorframes for two-leaved doors
- Palletized on wooden pallets

Pre-settings

- Each door is ready for the installation of a three-point SECUR lock
- The main lock and upper rod housing on the secondary leaf are ready for installation of the latching mechanism for panic bars

Door weight

	kg/m ² of wall opening
1 leaf	15
2 leaves	14

NOTE

If the door ever needs to be repainted, follow the precise instructions on the "painting" page.

Features

REVER multipurpose doors



OPTIONAL ACCESSORIES

A wide variety of accessories and surface finishes are available on request for maximum value enhancement of Rever doors to your own specific needs.

The proper accessories can help resolve:

Safety-related needs

- Doors for panic exits (see panic bars)
- Doors for emergency exits (see emergency exit handles)
- Three-point Rever SECUR lock

Installation and utilization needs

- Embracing or telescopic frames
- Frame extensions
- Drip steel-profile
- Kick and protection plates
- Windows
- Ventilating perforation
- Overhead frame panel
- Available with upper/lower crack enlargement

Access-related control issues

- Electrically-activated lock mechanisms
- Electric handle mechanisms
- Magnetic blocking mechanisms

Performance enhancing

- Rebate sealings
- Cylinders
- Door closers
- Special handles



NOTE

Details about optional accessories may be found in the following chapters of this brochure:

- Finishing
- Accessories for metal doors
- Panic bars

Right-opening doors are the default selection if opening direction is not specified.

Customized finishing

- Select finishing from a wide variety of RAL colours
- NDD – Ninz Digital Decor, graphic images applied with special ink jets and protected by a transparent topcoat. Infinite varieties of customizable decorations in harmony with specific door settings
- Stainless steel handles
- Colored handles

Packaging for maximum protection

Sturdy wooden crates protect all doors and related accessories

- For NDD decorated doors
- On construction sites
- During shipping abroad
- For special transport

The following optional accessories make Rever doors irreversible, requiring the indication of the door opening direction when the order is placed:

- SLASH panic bar
- Panic bar for secondary leaves
- Windows and ventilation grills
- MAC locks
- ELM/cisa and ELM/mt electric handle
- Special locks (016 tir- Stel 15)
- Overhead frame panels and prolonged frames
- Special doorframes (SPEED, SOLID, TESCOP)

Specific optional accessories

REVER multipurpose doors



MULTIPURPOSE WINDOW

On request, the one- and two-leaved doors may be equipped with round or rectangular windows, with stratified 3 + 3 mm glass framed with a black rubber EPDM profile. The corners of rectangular windows are rounded (radius of approx. 100 mm).

Production limits

Window sizes are standard and the minimum border strips around the window may not be reduced.

Borders, window position

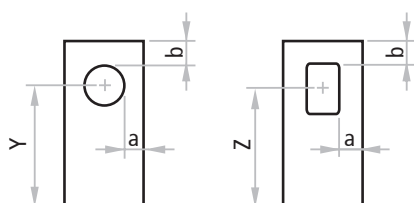
"Border measurement" refers to the distance from the edge of the window to the wall opening of the door.

Elevation for round windows

window size	FM H	position
Ø 300	minimum 1950	Y=1600
Ø 300	less than 1950	Y=FM H - 350
Ø 400	minimum 2000	Y=1600
Ø 400	less than 2000	Y=FM H - 400

Elevation for rectangular windows

window dimensions L x H	FM H	position
300 x 500	minimum 1950	Z=1500
300 x 500	less than 1950	Z=FM H - 450
400 x 700	minimum 2050	Z=1500
400 x 700	less than 2050	Z=FM H - 550



KIT window

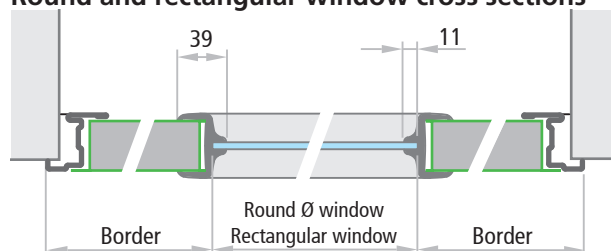
The windows for Rever doors are also available as a KIT for later installation directly by the customer.

NOTE

The positions indicated above are those standard. Different positions may be considered as long as they respect the minimum "a" and "b" border strips.



Round and rectangular window cross sections



Window dimensions

		minimum border		FM L min. dimensions
		a	b	
	Ø 300	200	200	700
	Ø 400	200	200	800
	Ø 300	200	200	L1 700 + L2 400
	Ø 400	200	200	L1 800 + L2 400
	Ø 300	200	200	L1 700 + L2 700
	Ø 400	200	200	L1 800 + L2 800
	300 x 500	200	200	700
	400 x 700	200	200	800
	300 x 500	200	200	L1 700 + L2 400
	400 x 700	200	200	L1 800 + L2 400
	300 x 500	200	200	L1 700 + L2 700
	400 x 700	200	200	L1 800 + L2 800

Specific optional accessories

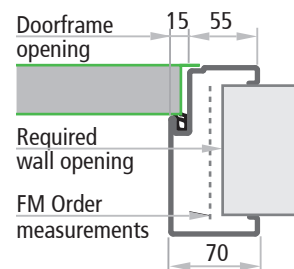
REVER multipurpose doors



SPECIAL „SPEED‘ DOORFRAME FOR REVER DOORS

SPEED on three sides embracing doorframe with 45 deg. joints, made of 1,25 mm thick galvanized „Sendzimir“ processed sheet metal, assembly required. For installation onto finished walls using 6 integrated clamps and two adjustable spacers with plugs or screws. Includes rebate sealing and RAL painting with thermoset epoxy-polyester powders. Minimum 75mm wall thickness, 55/70 frames.

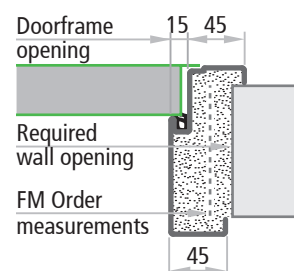
Order measurements	required wall opening	doorframe opening
FM L (width)	FM L + 20	FM L - 64
FM H (height)	FM H + 10	FM H - 34



SPECIAL „SOLID‘ DOORFRAME FOR REVER DOORS

SOLID on three sides embracing doorframe with 45 deg. joints, made of 1,25 mm thick galvanized „Sendzimir“ processed sheet metal, assembly required. For installation with anchors for mortar fixing or with fastening profiles to fix with plugs or screw on, including removable threshold spacer, sealing and RAL painting with thermoset epoxy-polyester powders. Minimum 50mm wall thickness, 45/45 frames.

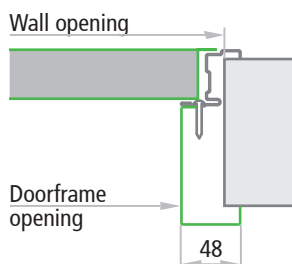
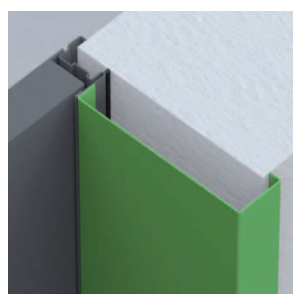
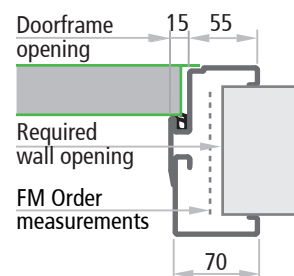
Order measurements	required wall opening	doorframe opening
FM L (width)	FM L + 40	FM L - 64
FM H (height)	FM H + 20	FM H - 34



SPECIAL „TESCOP‘ DOORFRAME FOR REVER DOORS

Two-pieced TESCOP on three sides embracing doorframe with 45 deg. joints, made of 1,25 mm thick galvanized „Sendzimir“ processed sheet metal, assembly required. To be fixed to finished wall with screws, including removable threshold spacer, sealing and RAL painting with thermoset epoxy-polyester powders. Minimum 70mm wall thickness, adjustment range of +25mm, frames 55/70.

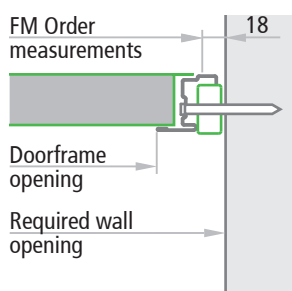
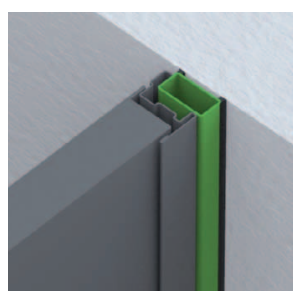
Order measurements	required wall opening	doorframe opening
FM L (width)	FM L + 20	FM L - 64
FM H (height)	FM H + 10	FM H - 34



IM21 FRAME EXTENSION FOR REVER DOORS

Frame extension to be screwed to the Rever doorframe acting as a wall cladding. Made of „Sendzimir“ processed hot-galvanized sheet metal painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 45 degree joint. To mount the frame extension, fixing holes need to be drilled into doorframe on site. Combine with sealing to conceal the screw heads.

Minimum 60mm wall thickness.



INSTALLATION „IN THE REVEAL“ WITH BLOCK FRAME

On request additional block profiles for one- and two-leaved multipurpose Rever doors. Consists of 3 sections of hollow 40x20x1,5mm metal profiles painted the same color as the doorframe using thermoset epoxy-polyester powders. Installation with screws and plugs (screws and plugs not included).

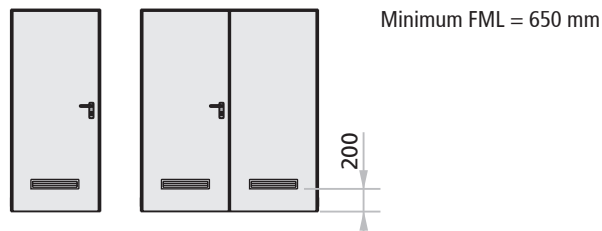
Required wall opening = FM L + 36, FM H + 18

Specific optional accessories

REVER multipurpose doors

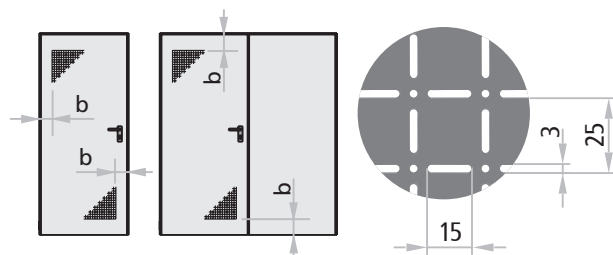
VENTILATION LOUVER

Ventilation louver made of either black or white PVC, 482 x 99 mm (air passage approx. 150 cm²). The opening direction of the door needs to be specified.



VENTILATING PERFORATIONS

Ventilating perforation for one- and two-leaved Rever doors and for the active leaf of two-leaved doors; made by perforating the illustrated pattern into the sheet metal. Rever doors with ventilating perforations remain reversible.



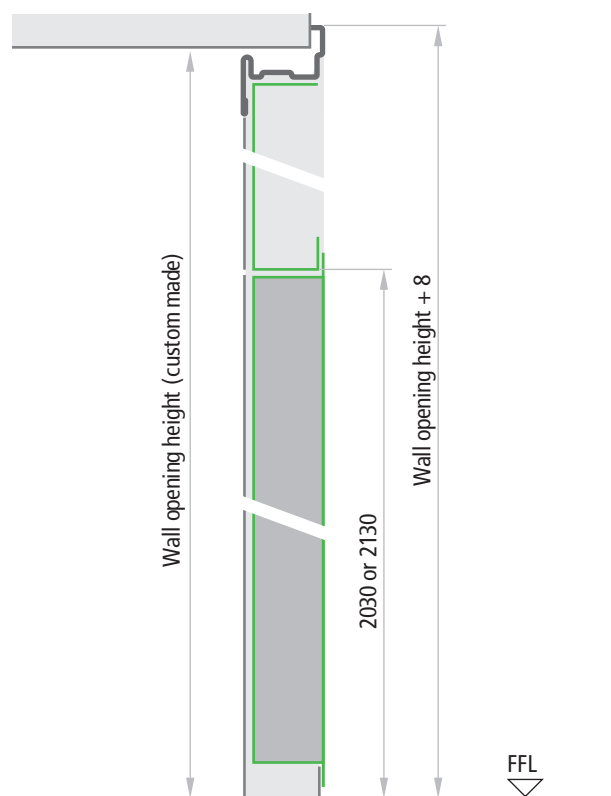
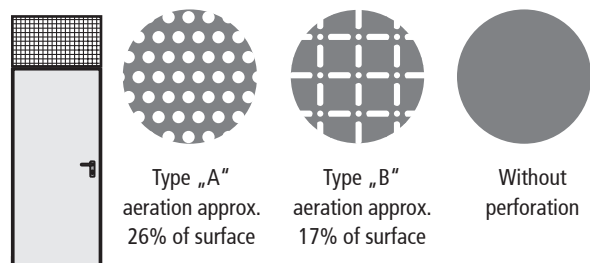
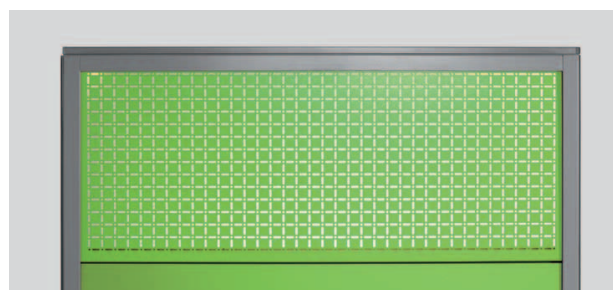
NOTE

Ventilating perforations are only provided on the main leaf of two-leaved doors.

FM L / FM L1	perforation	aeration	borders (b)
< 560 mm	not possible	-	-
from 560 to 700 mm	300 x 300 mm	156 cm ²	100 mm
from 701 to 1000 mm	350 x 350 mm	208 cm ²	100 mm
> 1000 mm	350 x 350 mm	208 cm ²	150 mm

OVERHEAD FRAME PANEL

A prolonged frame with a galvanized, eventually perforated 12/10 mm thick piece of sheet metal to serve as the overhead frame panel with ventilating perforation, which also functions as the upper rebate for the leaf. Painted the same color as the leaf using thermoset epoxy-polyester powders. Also available for Speed, Solid and Tescop door-frames. Panel, leaf and frame require on-site assembly.



Specific optional accessories

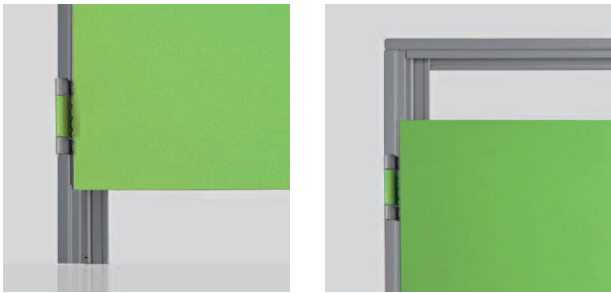
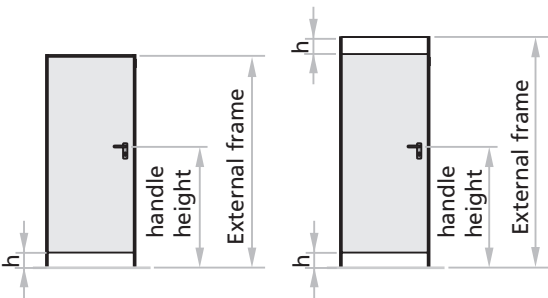
REVER multipurpose doors



REVER
multipurpose

DOOR WITH EXTENDED FRAME

Frame extends beyond the door leaf to create a gap of height (h) varying of between 50 to 150 mm, either below or both above and below. When using the standard Rever door leaf and an extended frame, the positioning of the handle is higher as a consequence.

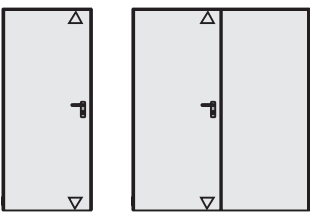


	Handle height	external frame	required wall opening
crack below	$FM H / 2 + 50 + h$	$FM H + h + 8$	$FM H + h$
crack below and above	$FM H / 2 + 50 + h$	$FM H + 2 \times h + 8$	$FM H + 2 \times h$

THREE-POINT SECUR LOCK FOR REVER DOOR

The SECUR version of Rever provides a more reliable door closure. Activating the lock with a key blocks the leaf in the frame at three points: in the center with the latch bolt, above with the rod that inserts into the upper strike box and below with the rod that inserts into the lower strike box.

Also available as a KIT for on-site installation. SECUR Rev-er doors remain reversible.



▷ Additional locking points



upper strike box



lower strike box (bushing)

NOTE

Not available in the anti panic version.

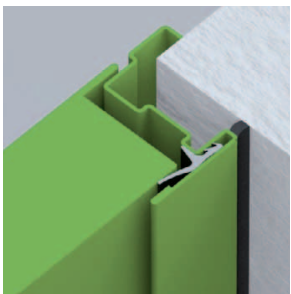
FF REBATE SEALING

FF sealing in black extruded profile to be pressed into the dedicated groove of the perimetral frame.

FF sealing in black extruded profile self-adhesive for application to the central joint of two-leaved doors.

NOTE

Upon request sealing supplied for single doors to be cut and mounted on site.



perimetral frame



central joint for two-leaved doors

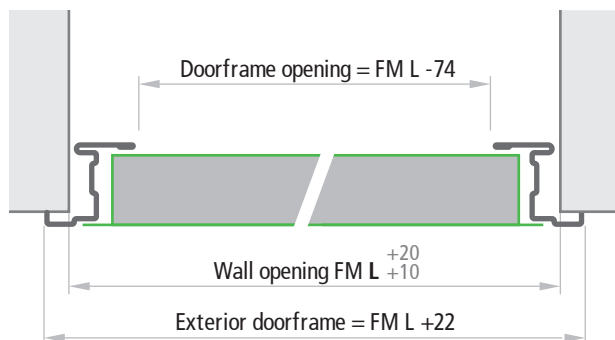
Door cross sections - Measurements

REVER multipurpose doors



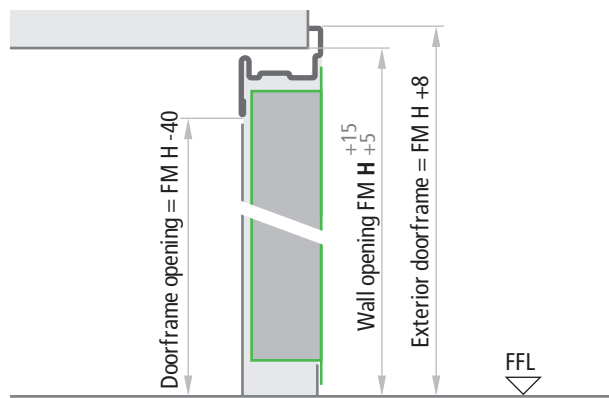
One-leaved doors

Horizontal cross section



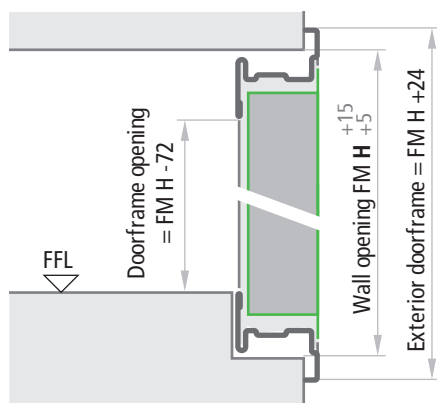
Doors without lower threshold

Vertical cross section



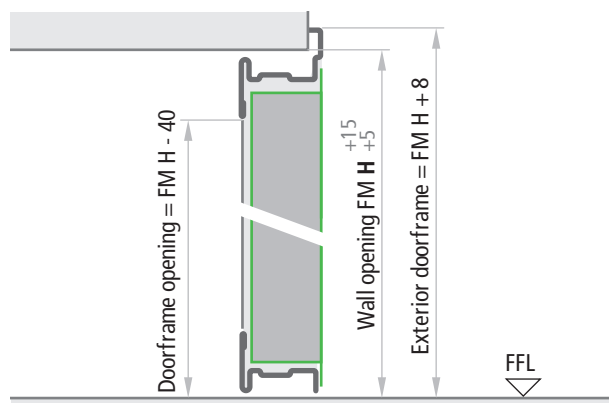
Doors with internal and external lower threshold

Vertical cross section



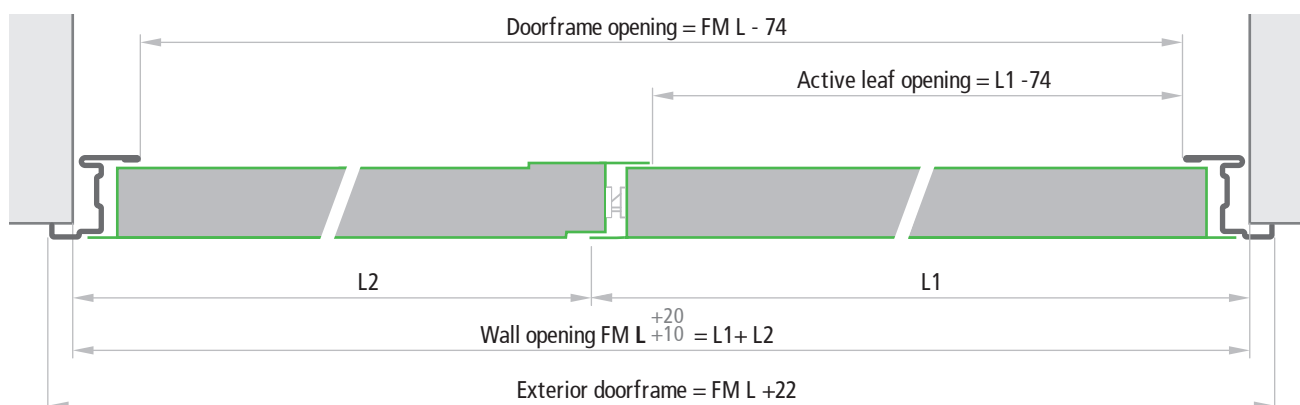
Doors with internal lower threshold

Vertical cross section



Two-leaved doors

Horizontal cross section



Leaf thickness

MULTIPURPOSE 40 mm

NOTE

The tolerances $FM L +20$, $FM H +15$ of the indicated measurements make it easier to fill the gap between the wall and the doorframe with cement mortar.

For dry wall installation, the holes must be precise and greater tolerance ranges should not be employed.

FFL = Finished Floor Level

Installation methods

REVER multipurpose doors

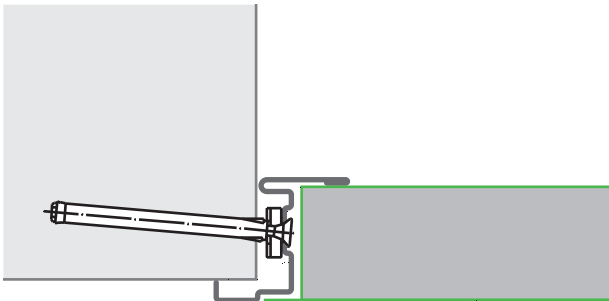
INSTALLATION WITH ANCHORS FOR MORTAR FIXING

For mortar fixing, appropriate cuts will need to be created in the walls (section 80 x 160 mm) or the anchors should be fixed with expansion screws. The anchors should be bent and blocked inside the wall. For best mechanical hold, the space between the doorframe and the masonry should always be filled with concrete mortar or polyurethane foam.



INSTALLATION FOR EXPANSION SCREWS FIXING

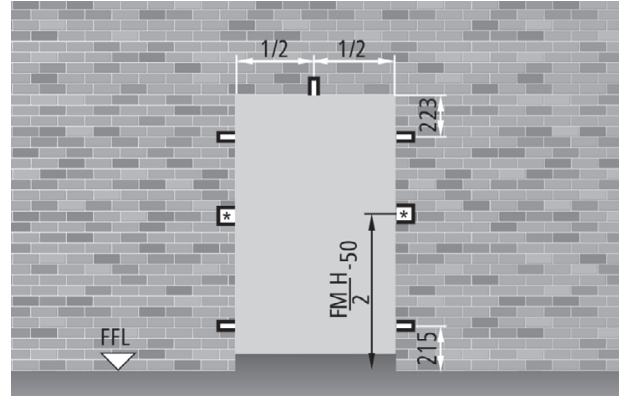
For the installation with expansion screws, the anchors serve as spacers and should not be bent. Using Würth type art. 0910436112 plugs or similar (supplied at the customer's expense), installation is done with expansion screws into the pre-drilled holes present on the frame. For the best mechanical hold, the space between the doorframe and the masonry should always be filled with concrete mortar or polyurethane foam.



ANCHOR POSITIONING

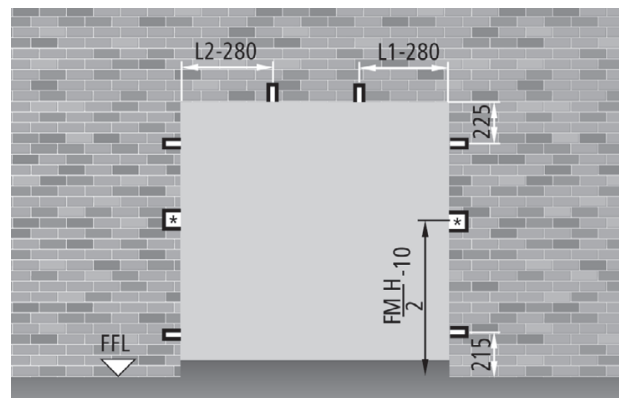
One-leaved doors

Right opening and Left opening

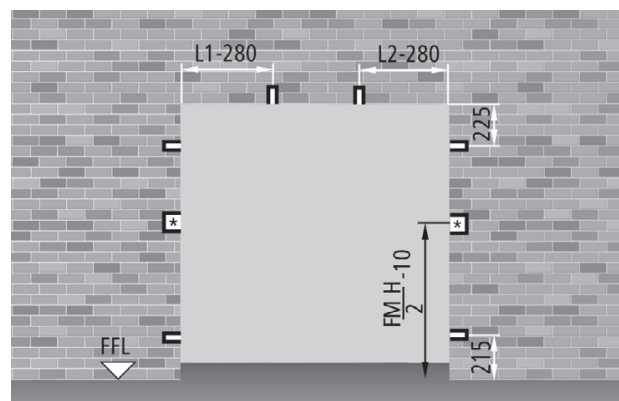


Two-leaved doors

Right opening



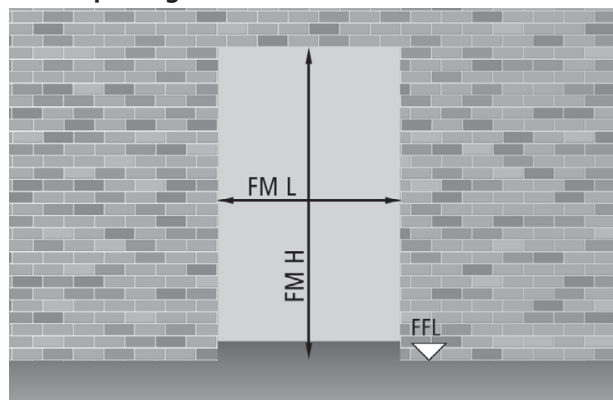
Left opening



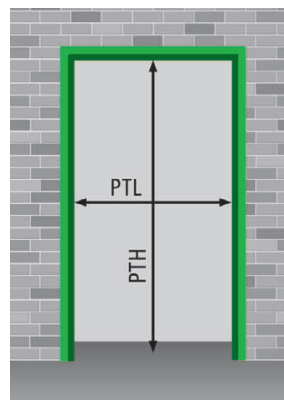
(*) For proper installation, the cuts for the anchors should be 200 x 160 mm in size.

ORDER MEASUREMENTS

Wall Opening



Doorframe opening



One-leaved doors

$$PTL = FML - 74$$

$$PTH = FMH - 40$$

Two-leaved doors

$$PTL = FML - 74$$

$$PTH = FMH - 40$$

One-leaved door FM L x FM H

standard dimensions

700	x	2050 / 2150
800	x	2050 / 2150
900	x	2050 / 2150
1000	x	2050 / 2150
1100	x	2050 / 2150
1200	x	2050 / 2150
1300	x	2050 / 2150
1350	x	2050 / 2150

PT L x PT H

doorframe opening

626	x	2010 / 2110
726	x	2010 / 2110
826	x	2010 / 2110
926	x	2010 / 2110
1026	x	2010 / 2110
1126	x	2010 / 2110
1226	x	2010 / 2110
1276	x	2010 / 2110

semi-standard dimensions

from 500 to 1345	x	2050 / 2150
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from 526 to 1271	x	2010 / 2110
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non-standard dimensions

from 500 to 1350	x	from 1780 to 2150
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from 526 to 1276	x	from 1740 to 2110
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Two-leaved doors FM L (L1+L2) x FM H

standard dimensions

1200	(800 + 400)	x	2050 / 2150
1300	(900 + 400)	x	2050 / 2150
1400	(700 + 700)	x	2050 / 2150
1600	(800 + 800)	x	2050 / 2150
1800	(900 + 900)	x	2050 / 2150
2000	(1000 + 1000)	x	2050 / 2150

PT L x PT H

doorframe opening

1126	x	2010 / 2110
1226	x	2010 / 2110
1326	x	2010 / 2110
1526	x	2010 / 2110
1726	x	2010 / 2110
1926	x	2010 / 2110

semi-standard dimensions

from 900 (500+400) to 2000 (1000 +1000)	x	2050 / 2150
---	---	-------------

from 826 to 1926	x	2010 / 2110
------------------	---	-------------

non-standard dimensions

from 900 (500+400) to 2000 (1000 +1000)	x	from 1780 to 2150
---	---	-------------------

from 826 to 1926	x	1740 / 2110
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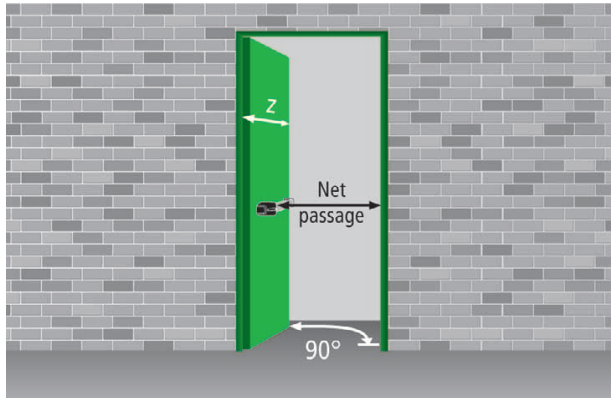
NOTE

Buyers should be aware that pursuant to and in accordance with Italian Legislative Decree D.L. 09.04.2008 Nr. 81 all doors used for emergency exits or routes must have a minimum height of 2000 mm (=

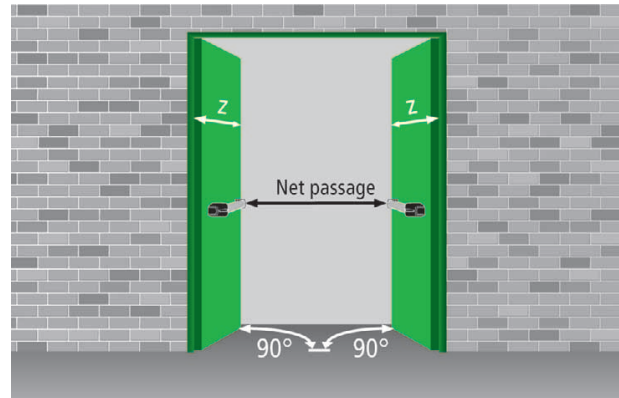
nominal wall opening 2040 mm). Unless specified otherwise by the customer, two-leaved standard, semi-standard and customized doors are supplied with a right pull opening direction.

OPENING MEASUREMENTS AND OVERALL DIMENSIONS WITH 90 DEGREE OPENING

One-leaved doors with panic bar



Two-leaved doors with panic bars



Net passage calculation

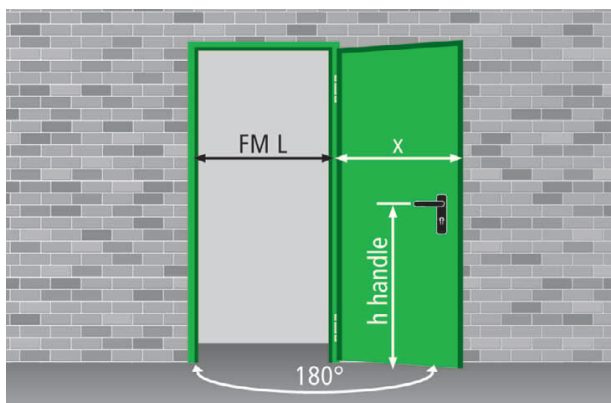
panic bar type	protrusion	one-leaved door	two-leaved door
EXUS	125	FML - 209	FML - 344
TWIST	100	FML - 184	FML - 294
SLASH	75	FML - 159	FML - 244
FAST TOUCH	75	FML - 159	FML - 244
without panic bar	-	FML - 84	FML - 94
z = leaf protrusion relative to the wall		FML + 11	L1 + 11 L2 + 56

OVERALL DIMENSIONS WITH 180 DEGREE OPENING - HANDLE HEIGHT

One-leaved door

$$x = FML - 4$$

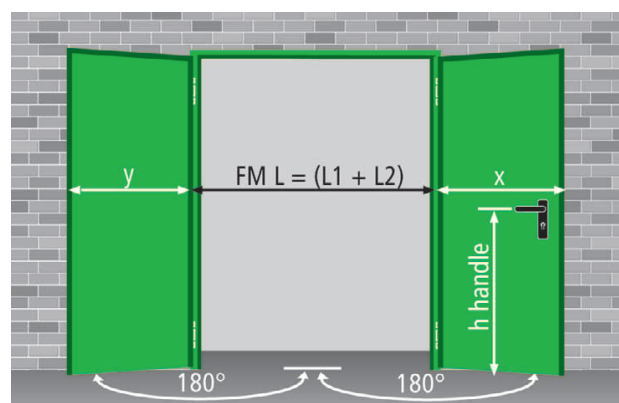
$$h \text{ handle} = FMH/2 + 50$$



Two-leaved door

$$x = L1 - 4 \quad y = L2 + 42$$

$$h \text{ handle} = FMH/2 + 50$$



NOTE

The 90 or 180 degree opening of the leaf could be compromised if handle or door closer protrusions come into contact with the wall.

REVER - GENERAL NOTES

All rights reserved. No reproduction (partial or total) without prior authorization by Ninz. Ninz reserves the right to modify the product. Installation should be executed by qualified technicians.

Modifications may only be made as indicated in the installation instructions. Original NINZ replacement parts must be used for all repair work.

Painting

This standard door is painted with thermoset powders, anti-scratch orange skin and semi-glossy finish (except for certain colors). The paint is particularly resistant and offers a pleasant finish for interior applications. Choose from a wide range of RAL colors.



STANDARD COLORS WITH NO PRICE SUPPLEMENT

Paint for interior use (group 01) with turquoise pastel colored epoxy-polyester powders - lighter tone for the leaf (NCS4020-B50G) and darker for the frame (NCS5020-B50G). The tonalities of the frame and the door leaf are represented on the photo to the right.

Standard paint - group 01:

leaf color NCS 4020-B50G

frame color NCS 5020-B50G



SPECIAL COLORS WITH PRICE SUPPLEMENT

Paint for interior use (groups 02 and 03) available in a variety of RAL colors with epoxy-polyester powders. Doors must be protected from atmospheric agents. Sunlight fades the colors.

Distinct from other RAL colours, metallic tinted paints RAL 9006, RAL 9007 (group 3) and RAL 9006 E (group 04) present a finish with a wrinkled structure that requires pre-approval of a sample.

Group 02:

RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
1013	1015	5010	5024	6000	7016	7024	7035
RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
7038	8011	9001	9002	9010	9011	9016	9018

Group 03:

RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
1001	1003	3000	3003	3020	5012	5015	6005
RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
7001	7004	7011	7030	7032	7037	7040	7042
RAL	RAL	RAL	RAL	RAL	RAL		
7047	8017	8019	9005	9006*	9007*		

*requires pre-approval of a sample.

SPECIAL COLORS FOR EXTERIOR USE WITH PRICE SUPPLEMENTS

Paint for exterior use (group 04) with polyester powders in various RAL colours.

SPECIAL COLORS BY REQUEST WITH PRICE SUPPLEMENTS

Paint available for interior and exterior use (group 05) with epoxy-polyester and polyester (respectively) powders in the requested RAL colours. Group 05 does not include special colors, such as metallic, mica, smooth or wrinkled texture and other sample colours like Pantone, NCS, etc.

Cleaning

Water and neutral soap are recommended for the regular cleaning of our products. Do not use common cleaning products (see detergents) and/or other solvents. We shall not be held responsible for any problems that arise if these guidelines are not respected.

Re-painting

- For re-painting, use the following procedure:
- sand and carefully wipe away any dust from the surfaces
- apply a base layer of opaque 2-component epoxide - we recommend EPOX product Nr. 5203 beige 0059 (made by ALCEA, in Milan)
- repaint the surfaces with your choice of lacquers or paints.













WARNING!

Application to exterior doors requires for the adoption of various measures for preventing product degradation, such as:

1. The door should always be protected from bad weather. The door can be permanently damaged if water seeps inside the door leaf. Provide canopies or roofing to protect newly installed and existing products.
2. Avoid choosing darker colors when the doors will be exposed to direct sunlight. The sheet metal can heat up and cause warping of the door leaf that may compromise the functionality of the door itself.

An artifact of the printing process is that the colors depicted here may not correspond exactly to the colors of actual doors. Please see the RAL or NCS samples.

Group 04:

RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
1013E	3000E	5010E	6005E	7016E	7024E	7035E	9002E
							
RAL	RAL	NCS	NCS				
9006E*	9010E	4020E	5020E				
							

*requires pre-approval of a sample.

Group 05:

Colors by request only

Retouching

On request, the Ninz company also provides touch-up paint (nitro/synthetic) in 0,25 or 0,50 kg cans in the necessary RAL colour.

Protection

Since the doors have been designed for normal interior use, they should always be protected from atmospheric agents and direct sunlight.

Exterior uses require paints that are specially designed for this kind of application (see groups 04, 05).

Ninz Digital Decor
NDD provides clients with an infinite number of graphic possibilities applicable to the surfaces of NINZ doors.



DESCRIPTION

NDD - Ninz Digital Decor decorative painting. Graphic illustrations are applied directly to the flat surfaces of the door leaf after it has been painted with a base coat of polymerized powders. Painting with high-resolution digital print using special ink jets. The application of an additional layer of transparent coating ensures optimal protection of the decorative paint. Decorative NDD painting is available for the entire range of one- and two-leaved Rever, Univer and Proget doors.

awarded with the
security&safety
award

NDD® - Ninz Digital Decor introduces style and design to metal door products. Ninz doors can be directly printed with either your company's logo or designs, materials and symbols selected from a wide variety of NDD®, or also with your preferred artwork or customized images. NDD® introduces innovations to doors as an architectural entity; introducing NDD® can create added value on socio-cultural, economic and emotional dimensions.

The www.ninz.it website illustrates an infinity of continuously updated decorations that have been categorized into eight groups for rapid review. The groups are listed on the next page.

Laboratory testing executed on NDD® samples

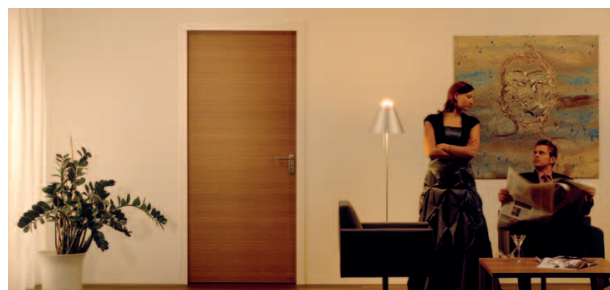
result

500 h exposure test in salt fog	good performance, no sign of deterioration encountered
500 h humidity resistance test	good performance, no deterioration or loss of surface shine
500 h UVA radiation resistance test	good performance, no deterioration or loss of surface shine
Abrasion resistance test after 1000 cycles	the decoration was unaltered
Solvent resistance test	good performance, no deterioration in the decoration or the background paint

ARTLINE This group includes a wide selection of famous artworks drawn from ancient history up to the present day. These extraordinary designs endow the environment with a special atmosphere as an expression of style.



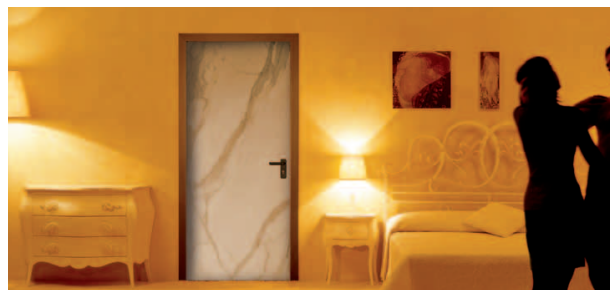
WOOD This set includes an endless variety of realistic imitations of classic, exotic, special and colored types of wood.



FANTASY NDD is a data bank of exclusive NINZ images and creations.



STONES This selection includes an endless variety of realistic imitations of marbles, granites and other stones.



REFINEMENTS Contains an infinite number of NDD decorations and textures created on customer request and available and useable for a diverse variety of applications.



PUBLICITY Transforms Ninz doors into a publicity tool for the company and its products. Printing of the logo integrates the door into the company image. A variety of actual applications are reported here.



PHOTOGRAPHS This group contains original photos of country sides, objects, animals, environments, etc., with the appropriate foto resolution.



SYMBOLS Given the particular importance of this group, a special department has been created for workplace safety symbols, room description/labeling symbols, the simple numbering of rooms, etc.



DECORATIONS FROM OUR DATABASE

Doors with decorative NDD painting are supplied with:

- doorframes in the proposed color
- door leaf rebate in the base color of the leaf itself
- hinges in the frame color
- accessories of the type and finishing according to the Ninz door price lists and brochures
- decoration covering the window frame and/or the central upright, require that these are covered with NDD decorated sheet metal

SPECIAL DECORATIONS

New codes and pricing are required for customized decorations and decorations that employ colors not listed in this brochure. In such cases, customers may also be asked to indicate where logos and symbols should be positioned on the door leaf, via the following forms of support:

- **PC-GENERATED FILE** (logos, symbols, designs, etc.) in specialized "Illustrator" or "Freehand" format. Submit the file by e-mail or on a CD/DVD-ROM.
- **DIAPOSITIVE** with a 36 mm or 6 x 6 image of the picture uploaded to a PC using a scanner (professional scanner required). Submit the file (TIF, PDF or JPG format) in **maximum resolution** on CD/DVD-ROM.
- **PHOTOGRAPHIC IMAGE** made with a digital camera. Submit the file (TIF, PDF or JPG format) in **maximum resolution** on CD/DVD-ROM.

PROTECTION FOR EXTERIORS

The exterior installation of NDD doors requires specific treatments for preventing the decorations from deteriorating over time. The cost supplement covers all door leaf surfaces except for the leaf rebate.

WOODEN CRATE PACKAGING



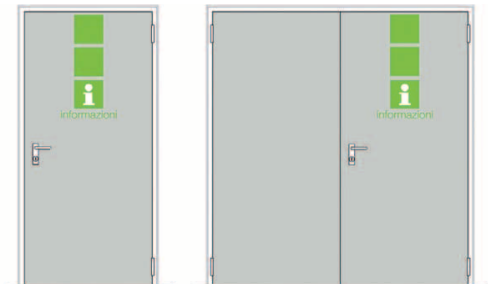
The particularity and prestige of NDD decorations requires a special protection of the doors by packaging them in special wooden crates with an additional layer of external nylon wrapping. At the time of ordering, therefore, the additional cost for the wooden crate must be taken into consideration. Customers who opt for standard packaging on pallets must assume full responsibility in case of damage to the product.



MORE THAN FIREDOORS

EXAMPLE APPLICATIONS IN TYPICAL SURROUNDINGS

Airports - Train stations



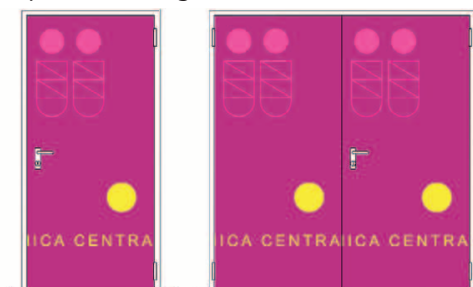
Museums – Historical buildings



Commercial businesses



Hospitals – Nursing homes



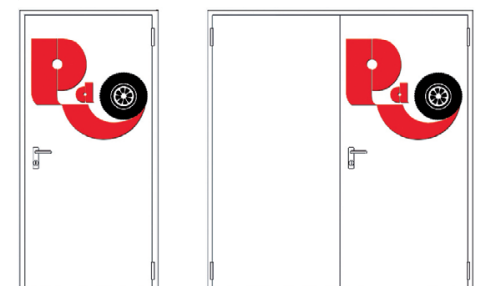
Sport centers – Stadiums



Parking lots



Logistic centers



Schools - Universities



Hotels – Residences



Offices



Black plastic handles

Standard for REVER - UNIVER - PROGET doors



DOOR HANDLES

By default Rever, Univer and Proget doors include safety levers coupled with long backplates with cylinder holes. Each handle set includes a patent key insert, a 9 x 9 square spindle, fastener screws and spacers.

M1 handles are fire rated consisting of a metal core inside the lever and a galvanized steel cover plate to protect the cylinder hole.

The M1 handles have been certified in accordance with DIN 18273:1997-12.

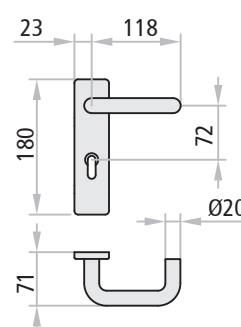
M1R HANDLE

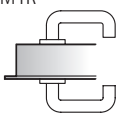
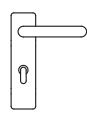
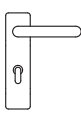
Multi-purpose Univer and Rever doors are equipped with M1R-type handles.

The M1R handle package includes: a pair of black plastic lever handles, a pair of black plastic backplates with patent-type cylinder holes adaptable for installation of Euro profile cylinders, a 125 mm long 9 x 9 square spindle, fastener screws and spacers.



M1.R plastic handle



Version	description		functioning	use
M1R		 	door opening by handle or key from both sides	applications in which both door opening directions are accessible without key

NOTE

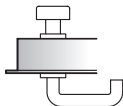
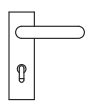
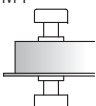
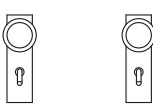

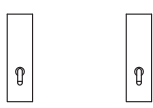

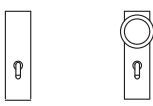
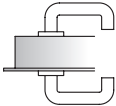
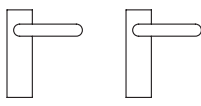
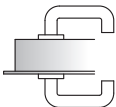
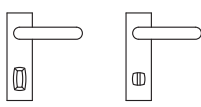
Handles are considered to be accessories and are not pre-assembled. Cylinders need to be ordered separately (except for Secur handles).

Special black plastic handles

For locks with an inter-axis distance of 72 mm

SPECIAL HANDLES

Rever, Univer and Proget doors may be equipped on request with handles with special functions other than those provided by standard handles.

Versions			description	functioning	use
M2			handle/ doorknob combination with cylinder hole on both sides. To be combined with locks with an inter-axis distance of 72mm (015)	the doorknob side requires the key for opening	applications in which only one of the door opening directions is accessible with a key
M4			doorknob/ doorknob combination with cylinder hole on both sides For combination with locks with an inter-axis distance of 72mm (015)	both sides require the key for opening. The doorknobs serve for pushing or pulling the door	applications in which both door opening directions are accessible by key only
M5			plate/plate combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	both sides require the key for opening	applications in technical rooms with doors that usually remain closed and require keys for opening
M9			doorknob/plate combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	both sides require the key for opening The doorknob serves for pulling the door	applications in which both door opening directions are accessible by key only
M11			handle/ handle combination without cylinder hole. For combination with locks with an inter-axis distance of 72mm (015)	opening is possible at any time using the handle	applications in which the door never needs to be locked
M20			handle/handle and doorknob combination for interior closure. For combination with locks with star-shaped spindles only (Stel 15)	closure using thumbturn latch from inside. Emergency opening from outside with screwdriver	typical closure for bathroom doors

NOTE

Models M2, M4, M5, M9 and M20 cannot be combined with the three-point locking mechanism.
Handles are considered to be accessories and assembly is required.
Cylinders need to be ordered separately.

Colored handles

For locks with an inter-axis distance of 72 mm



COLORED DOOR HANDLES

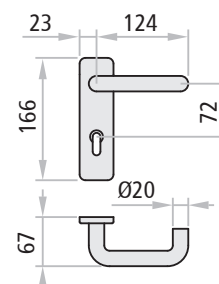
On request, painted resin handles can be provided which match or provide better contrast with the base color of the door.

M1C and M2C handles are fire rated like the M1 handle, and have also been certified in accordance with DIN 18273:1997-12.

The M1C and M2C handles package consist of: one pair of lever handles (M1C) or the handle/ doorknob combination (M2C) made of plastic with a metal core and galvanized steel installation plate, a pair of plastic backplates with a Euro profile cylinder hole, a 9 x 9 square spindle, fastener screws and spacers.



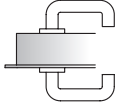
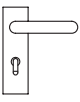
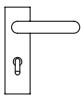
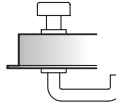
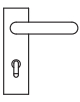

M1C colored RAL1023



Colors available:

RAL	RAL	RAL	RAL	RAL
1023	7016	7035	9006*	9010

*light aluminum

Versions	description		functioning	use
M1C 			handle/handle combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	door opening by handle or key from both sides applications in which both door opening directions are accessible without a key
M2C 			handle/doorknob combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	the doorknob side requires the key for opening applications in which only one of the door opening directions works with a key

NOTE

The M2C and M2X models are not combinable with the 3 point locking mechanism. Handles are considered as accessories and require assembly. Cylinders need to be ordered separately.

Stainless steel handles

For locks with an inter-axis distance of 72 mm

STAINLESS STEEL DOOR HANDLES

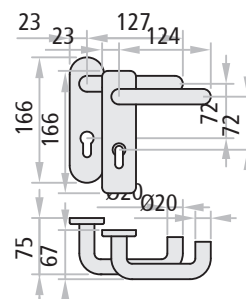
On request, satin-finished stainless steel AISI 304 levers and backplates can be provided which endow the product with a higher quality while at the same time ensuring optimal corrosion resistance and a noteworthy robustness of the entire set.

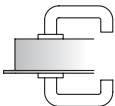

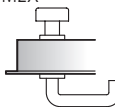

In addition, M1X and M2X handles are equipped with a return spring that maintains perfect alignment with the geometry of the door.

They are mounted on a galvanized steel mechanism and are supplied with a 9 x 9 square spindle, fastener screws and spacers.



M1 INOX handle



Versions	description		functioning	use
M1X			door opening by handle or key from both sides	applications in which both door opening directions are accessible without a key
M2X			the doorknob side requires the key for opening	sostituire con „applications in which only one of the door opening directions works with a key

NOTE

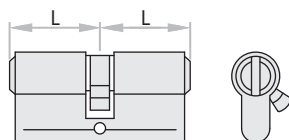
The M2C and M2X models are not combinable with the 3 point locking mechanism. Handles are considered as accessories and require assembly. Cylinders need to be ordered separately.

CYLINDERS

On request Rever, Univer and Proget doors with standard locks (Std 015) or three-point locking mechanisms (3vie PRO) may be supplied with a Euro profile cylinder with three keys.

They may also be provided in unique coding or group coded versions, or in combination with unique or group mastering.

Cylinders to pass (double)



Double nickel-plated cylinder equipped with 3 keys

Versions available

standard cylinder
single coded cylinder
group coded cylinder
sample key coded cylinder
single mastered cylinder
group mastered cylinder



Lengths available

40/40
35/35
30/30

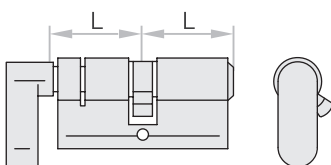
for door leaf thickness

60 mm
50 mm
40 mm

ATTENTION

It is important to specify MAC lock combinations in the order.

Cylinders to pass for thumbturn latch



Double nickel-plated cylinder with chrome-plated thumbturn latch equipped with 3 keys

Versions available

standard cylinder with thumbturn latch
group coded cylinder with thumbturn latch
sample key coded cylinder with thumbturn latch
single mastered cylinder with thumbturn latch
group mastered cylinder with thumbturn latch
mastered and emergency cylinder with thumbturn latch



Lengths available

40/40
35/35
30/30

for door leaf thickness

60 mm
50 mm
40 mm

NOTE

Cylinders are considered to be accessories and assembly is required. Cylinders to be combined with locks of NINZ doors must meet DIN 18254 standards.

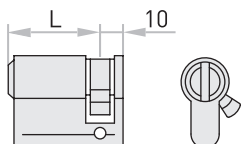
Main, master and/or emergency key (or keys) should be ordered separately - they are not included with the cylinder.

CYLINDERS FOR COMBINATION WITH PANIC BARS

Standard panic bars are supplied with a Euro profile cylinder with three keys.

Cylinders with single coding, grouped coding or in combination with single or grouped mastering.

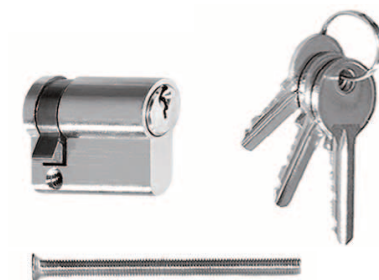
Cylinders not to pass (half)



Half nickel-plated cylinder equipped with 3 keys

Versions available

standard half cylinder
single coded half cylinder
group coded half cylinder
sample key coded half cylinder
single mastered half cylinder
group mastered half cylinder

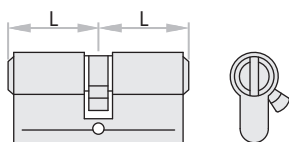


Lengths available	for door leaf thickness
40/10	60 mm
35/10	50 mm
30/10	40 mm

ATTENTION

It is important to specify MAC lock combinations in the order.

Cylinders to pass (double) in combination with EXUS DC panic bars



Double nickel-plated cylinder equipped with 3 keys.

Versions available

standard cylinder
single coded cylinder
group coded cylinder
sample key coded cylinder
single mastered cylinder
group mastered cylinder



Lengths available	for door leaf thickness
45/40	60 mm
40/40	50 mm
35/35	40 mm

NOTE

Cylinders are considered to be accessories and assembly is required.
Cylinders to be combined with the locks of NINZ doors must meet DIN 18254 standards.

Main, master and/or emergency key (or keys) should be ordered separately - they are not included with the cylinder.

CONFIGURED AS NEEDED!

NINZ asks its partners to specify the system in the form of a key plan which, when prepared with care, serves as a map for optimizing the required intervention times (from order to installation) while ensuring that the mastering system meets the specific needs being requested.

Here are a few of the configurations that are available:

1) Standard

Cylinders with different keys.

2) Single coded

Cylinders with the same keys.

3) Grouped coded

Cylinders from the same group are coded alike.

4) Main/master key systems

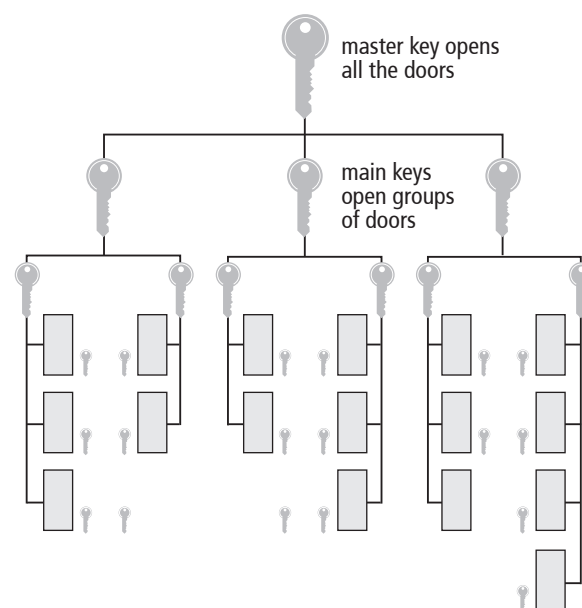
Grouped master key system in which each cylinder can be opened with its own key or with a master key that can open cylinders from one group but not others; a general master key can open all cylinders from all different groups. Standard cylinders closed from the interior with a thumb-turn latch cannot be opened with the main/master key.

5) Frictioned emergency

"Frictioned cylinder" means that the main or master key can only open doors that have not been closed from inside, while the same doors can still be opened with the emergency key.

6) Encrypted cylinder with sample key

Sample key coding allows for cylinders to be coded on the basis of a sample key supplied by the customer.



Key plan example for master key systems.

KEYS

The order should specify the number of keys to be supplied with the mastered cylinders.

Versions available

normal key	opens the single door only
main key	opens all doors from the same group
master key	opens all the doors that have grouped mastering
emergency key	opens all doors



Key

DOOR CLOSER

The door closer regulates the closure of the door so that the door leaf returns properly to its final closed position after being released.

Regulation is influenced by closure force, speed and the final impact.

Although Univer and Proget doors are equipped with spring hinges for automatic closure, the installation of door closers is recommended for wide and/or heavy doors and/or in the presence of windows on the leaf.

The door closer product is addressed by EU directive 89/106/CEE, which means it is subject to **CE** marking.

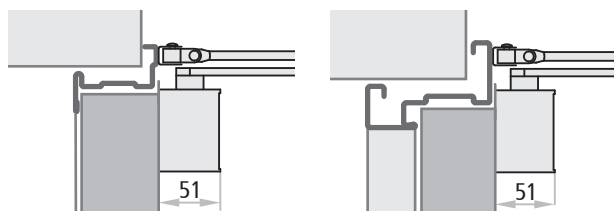
CP1 with scissor arm

CE marked in conformity with EN 1154.

Rever, Univer and Proget doors are available, on request, with an overhead CP1 door closer with a silver-colored scissor arm.

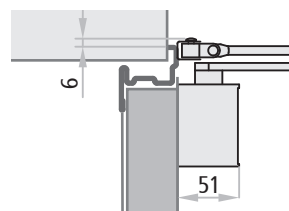
The CP1 can be used for fire rated doors and is classified for 180° closure with a force varying from 3 to 4.

Proget doors ordered with CP1 are provided with pre-drilled installation holes on the door leaf and the frame. Standard Rever, Univer and Proget doors include internal reinforcements for the CP1 application.



CP1 UNIVER

CP1 PROGET



CP1 REVER

Optional colors:

dark bronze	RAL 9016 white	RAL 9005 black

NOTE

Arm protrusion = 290 mm

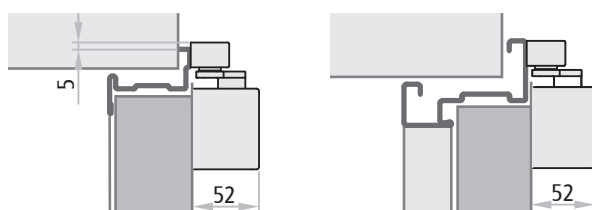
CP2 with slide channel

CE marked in conformity with EN 1154.

On request Rever, Univer and Proget doors are available with an overhead CP2 door closer with slide channel. Relative to the CP1, the advantage of this system is the absence of a protruding of scissor arm.

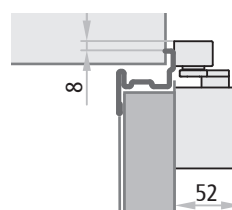
The CP2 is suited for use on fire rated doors and has been classified for 180° closure with force level 4.

Proget doors ordered with CP2 are provided with pre-drilled installation holes on the door leaf and the frame. Standard Rever, Univer and Proget doors include internal reinforcements for the CP2 application.



CP2 UNIVER

CP2 PROGET



CP2 REVER

Optional colors:

dark bronze	RAL 9016 white	RAL 9005 black

Automatic door sweep

For NINZ doors

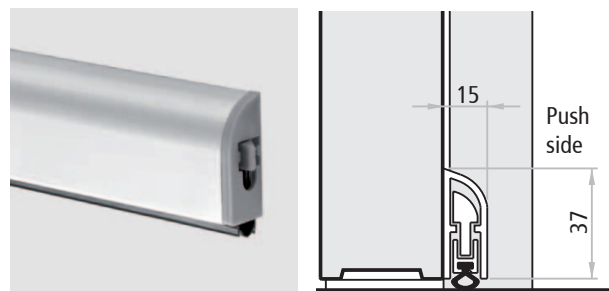


AUTOMATIC DOOR SWEEP

On request, Rever, Univer and Proget doors are available with an automatic door sweep to prevent air drafts from entering through the crack between the leaf and the floor. It complements the FF sealing applied to the frame to provide better acoustic insulation and better air sealing for the door.

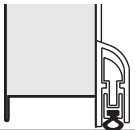
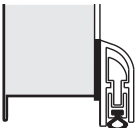
It is applied on the push side by using screws to attach it directly to the sheet metal of the door, after which the mechanism is completely covered with an anodized aluminum profile. On request, it can also be provided in the same color as the door leaf.

It is applied on site following door installation so that it can be adjusted to the actual leaf height.



FIELDS OF APPLICATION FOR THE AUTOMATIC DOOR SWEEP

REVER and UNIVER multipurpose doors

	FM L one-leaved door	L1 active leaf	L2 passive leaf with 30x4mm profile	seals to be used
 1 leaf/active	from 500 to 513 mm	from 500 to 521 mm	from 400 to 431 mm	L 430 mm
	from 514 to 613 mm	from 522 to 621 mm	from 432 to 531 mm	L 530 mm
	from 614 to 713 mm	from 622 to 721 mm	from 532 to 631 mm	L 630 mm
	from 714 to 813 mm	from 722 to 821 mm	from 632 to 731 mm	L 730 mm
	from 814 to 913 mm	from 822 to 921 mm	from 732 to 831 mm	L 830 mm
 passive leaf with 30x4mm profile	from 914 to 1013 mm	from 822 to 921 mm	from 832 to 931 mm	L 930 mm
	from 1014 to 1113 mm	from 922 to 1000 mm	from 932 to 1000 mm	L 1030 mm
	from 1114 to 1213 mm			L 1130 mm
	from 1214 to 1313 mm			L 1230 mm
	from 1314 to 1350 mm			L 1330 mm

Protection plates - Drip-steel profile

For NINZ doors

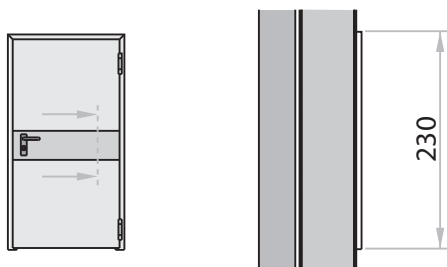


PROTECTIVE PLATES AND KICKPLATES

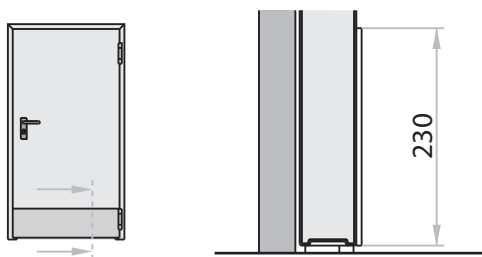
On request for 1 and 2 leaf Univer and Proget doors, specifying the side of application (pull or push).

Their main function is to protect the parts of the door that are vulnerable to being scraped by carts, hospital beds, etc. They are made of AISI 304 satinized stainless steel sheet metal with a standard height of 230 mm.

For on-site attachment with two-sided adhesive factory applied on the back, at the bottom of the door (kick plate) or at handle height (protective plate).



Protection plates



Kick plates



Holes are factory prepared for the passage of the handle panel and cylinder

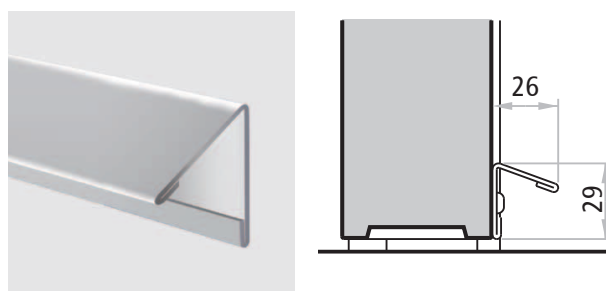


Example of application on the push side

DRIP-STEEL PROFILE

On request for Univer and Proget one-leaved doors. Normally used to prevent condensation from dripping down the door leaf and puddling beneath the door. The profile is made of "Sendzimir" processed galvanized sheet metal painted the color of the door leaf.

It is applied usually on the push side of the leaf on site after being cut to measure, to be attached with the screws provided.



Lengths available	FM L door leaf
710 mm	to 800
810 mm	to 900
910 mm	to 1000
1260 mm	to 1350

MAC® Multifunctional Access Control

Controlled opening system

NINZ®
FIREDOORS

The MAC system makes it possible to activate the handle to open the door using the same mechanical components as for normal functioning.

The particularity of the MAC system is that it concentrates all of the command and control functions in the lock, which simplifies the electrical work required on site.

The MAC system offers multiple advantages, such as:

- possibility of 12 or 24V AC/DC power supplies, which avoids problems due to inadequate voltage
- *low current absorption:*
 - at 12V the startup current is 500mA for the first 5-6 sec., before changing to a 250mA maintenance current
 - at 24V the startup current is 1A for 300 millisec., before settling to 500mA for 4-5 sec. and finally changing to a 250mA maintenance current for the remaining 25 sec.
- timer incorporated, time set at 30 sec., eliminating the need for external timers. Further, in case of delivery with the door with automatic reset function (reset of the timer) for every door opening
- red/green LED on the backplate to prevent useless forcing of the handle by signaling whether the opening system is active or not
- possibility of continuous handle activation (always open when desired)
- ready for the connection of an optional remote LED (not supplied) for remote signaling of lock activation/deactivation



Plastic handle with LEDs



Stainless steel handle with LEDs



Double electrical contacts between leaf and doorframe

MAC® Multifunctional Access Control

Controlled opening system

NINZ®
FIREDOORS

The MAC system can be delivered installed onto the door with cables inside the door leaf and electrical contacts between the leaf and the doorframe, or as a KIT with a cable sleeve for the power supply.

Delivery together with the door features these installed accessories: lock (anti-panic only for MAC1) with solenoid and electronic chip with timer incorporated (1), double electrical contacts between leaf and frame (2), internal wiring inside the leaf (3); supplied to be installed: handle and backplate with red/green LED and connectors (4).

Not included: power supply for doorframe contacts (5), opening button and command accessories (6).

Unlike the delivery together with the door, the KIT (supplied separately from the door) offers a flexible cable sleeve between the door leaf and the power supply instead of the double electrical contacts. In case of a handle the installation of a cable sleeve onto the door leaf (not supplied) is necessary for the power supply.

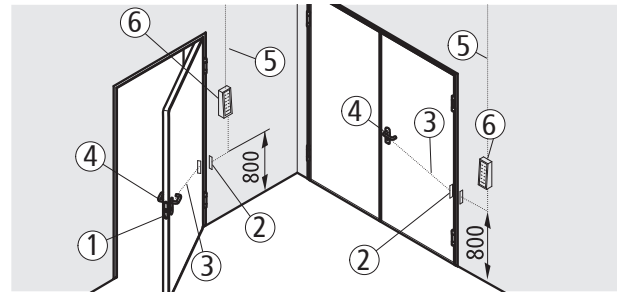


Diagram of components

NOTE

The MAC system installed onto doors REI 120 has been fire tested, and proved to not influence negatively the door's performance.

Before the installation of doors with MAC locks it is necessary to prepare the power supply (active door leaf side in case of double leaved doors) at a height of approx. 800mm from the finished floor level and in proximity of the wall angle, where the door frame will be mounted. The power wires must have a section of 0,75-1,0mm² and must be flexible.

MAC 1 SYSTEM

Operation mode

The MAC 1 system controls access from the pull side of the door. With the lock locked by key, opening is only possible with electrical consent (button, switch, badge reader, etc.) which activates the handle, while opening is always possible from the push side by means of the panic bar or emergency handle. Activation of the handle is signaled by illumination of the "green LED," while the "red LED" indicates when the handle is idle. Both LEDs are off when no power is being supplied.

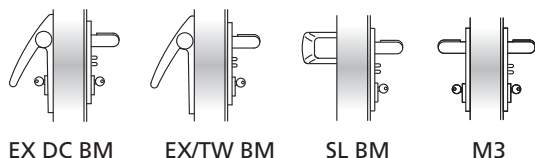
Time mode

In this mode, the activation time lasts 30 seconds before the handle is returned to idle. In case of delivery with the door, if the door is opened within the 30 seconds, the timer is automatically reset to zero.

Continuous mode

"open setting": in this mode, handle activation is controlled by an electrical switch (not included) that provides continuous power to the MAC 1 lock. The green LED remains switched on (not valid for the "Kit" version) and is switched off only for the period between the door's opening and its fully closure.

MAC 1 can be combined with any BM type panic bar and M3 emergency handles (to be ordered on the side).



EX DC BM

EX/TW BM

SL BM

M3

MAC 2 SYSTEM

Operation mode

The MAC 2 system controls access from both sides of the door. With the lock locked by key, opening is only possible with electrical consent (button, switch, badge reader, etc.) which activates both handles. Activation of both handles is signaled by illumination of the "green LED," with the "red LED" signaling when the handles are idle. Both LEDs are off when no power is being supplied.

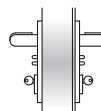
Time mode

In this mode, the activation time lasts 30 seconds before both handles are returned to idle. In case of delivery with the door, if the door is opened within the 30 seconds, the timer is automatically reset to zero.

Continuous mode

"open setting": in this mode, the activation of both handles is controlled by an electrical switch (not included) that provides continuous power to the MAC 2 lock. The green LEDs remain switched on (not valid for the "Kit" version) and are switched off only for the period between the door's opening and its fully closure.

MAC 2 standard delivery with M1 plastic handle. Upon request an M1X stainless steel handle can be delivered (to be ordered on the side).



M1

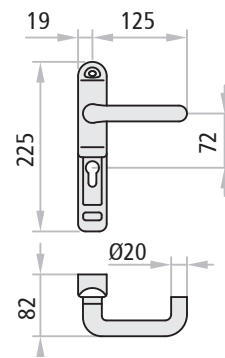
NOTE

The MAC system installed onto doors REI 120 has been fire tested, and proved to not influence negatively the door's performance. Before the installation of doors with MAC locks it is necessary to prepare the power supply (active door leaf side in case of double leaved doors) at a height of approx. 800mm from the finished floor level and in proximity of the wall angle, where the door frame will be mounted. The power wires must have a section of 0,75-1,0mm² and must be flexible.

ELM/MT MULTI-VOLTAGE ELECTRIC HANDLE

Controlled door opening system that employs an electronic device to activate the handle. The latter is equipped with an internal timer with a 30 seconds time allowance for opening the door, after which the electric handle is deactivated. The handle can be activated for longer time periods by means of the electrical switch.

The illumination of a green LED and sounding of an acoustic signal (buzzer) indicate handle activation, while a red LED indicates deactivation.



When ordered together with the door, the ELM/mt system includes:

electric handle, electrical contacts between the leaf and the frame, power cable inside the door connected to electrical contacts, command panel, lock and fixing screws.

If ordered separately from the door, the system includes:

electric handle, command panel and fixing screws.

Technical data

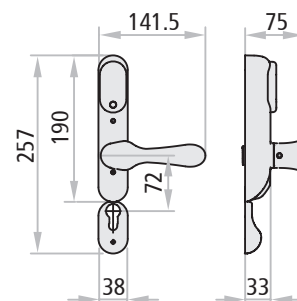
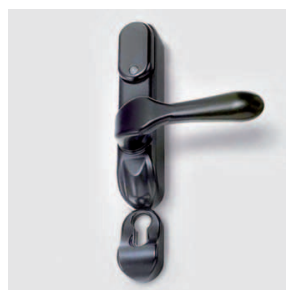
power supply	12-24V AC/DC
current absorbed at 12V	500mA
current absorbed at 24V	200mA
startup current at 12V	700mA
startup current at 24V	300mA
minimum operating temperature	-5°C

ELM/CISA MULTI-VOLTAGE CISA ELECTRIC HANDLE

Controlled door opening system that employs an electronic device to activate the handle. Equipped with a separate timer (for insertion into the switch box) which can be set for different opening times: from a minimum of 0,1 second to a maximum of 10 days.

Equipped with green LED that signal activation of the handle.

The ELM/cisa system includes: electric handles, 2 meters of power cable, cable sleeve for the connection between the leaf and the frame, 8/9 square spindle, fixing screws, adjustable timer packaged separately.



Technical data

power supply	12-24V AC/DC
current absorbed	330mA
startup current	800mA
operational temperature	-20°C ÷ +80°C
max. relative ambient humidity	95%

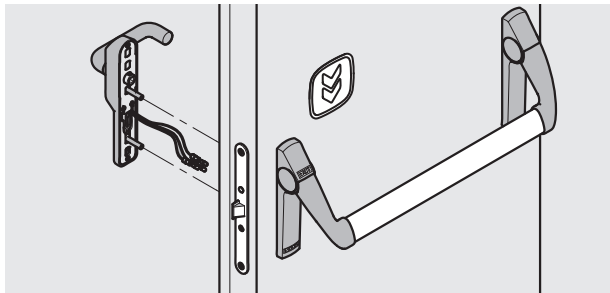
NOTE

The electric handle requires assembly.

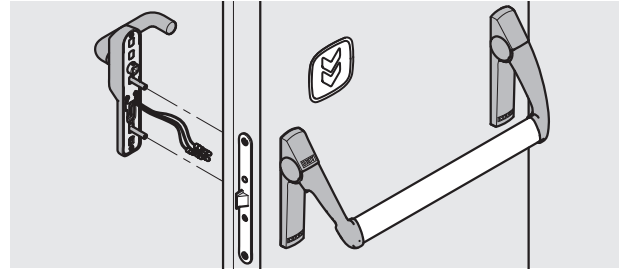
OPENING SYSTEM FOR COMBINATION WITH ELM/MT OR ELM/CISA ELECTRIC HANDLES

Panic bars

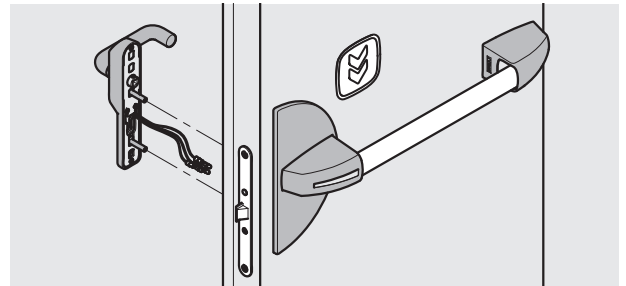
The controlled opening direction is from the pull side of the door (electric handle side). Locking with key blocks the electric handle functioning, while opening is still possible via the panic bar on the push side.
Use: one- or two-leaved doors for anti-panic exits when access control is desired on the pull side.



Twist



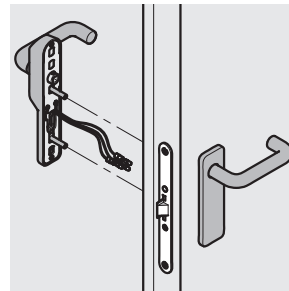
Exus



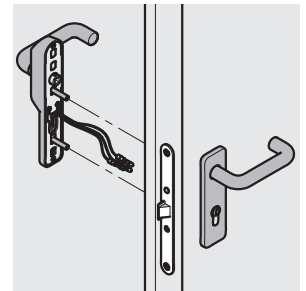
Slash

MSC handles

Use: one- or two-leaved doors when control is desired for one of the two opening directions. Locking with the key blocks opening in both directions.
Controlled opening may be for either the push or pull direction, depending on where the electric handle is applied.



MSC



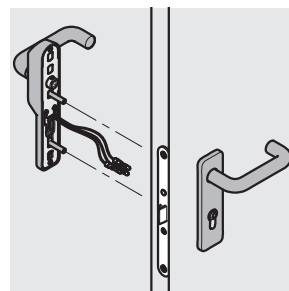
MCC/S

MCC/S handles

Use: for one- or two-leaved doors where access is to be controlled from the pull side only (electric handle side). Locking with the key blocks opening from the push side, but not from the side where the electric handle is applied.

MCC/T handles

Use: for one- or two-leaved doors where access is to be controlled from the push side only (electric handle side). Locking with the key blocks opening from the pull side, but not from the side where the electric handle is applied.



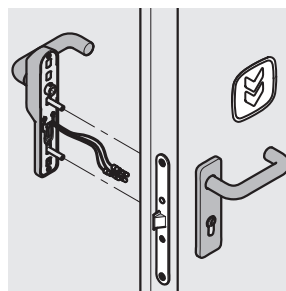
MCC/T

OPENING SYSTEM FOR COMBINATION WITH ELM/ MT ELECTRIC HANDLE

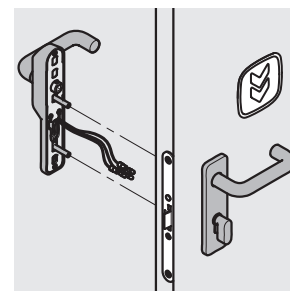
M3 emergency handles

Use: one- or two-leaved doors for emergency exits when access control is desired on the pull side.

The controlled opening direction is from the pull side of the door (electric handle side). Locking the lock by key blocks the operation of the electric handle, while opening remains possible via the M3 emergency handle.



M3



HOT-CIL

HOT/CIL emergency handles

Use: for the doors of hotel rooms

The controlled opening direction is from the push side of the door (electric handle side). Closing with the thumb-turn latch from inside the room, the opening by electric handle is possible only with an electric consent. Opening is always possible from the room side of the door.

Door blocking electromagnet

Controlled opening system

NINZ
FIREDOORS

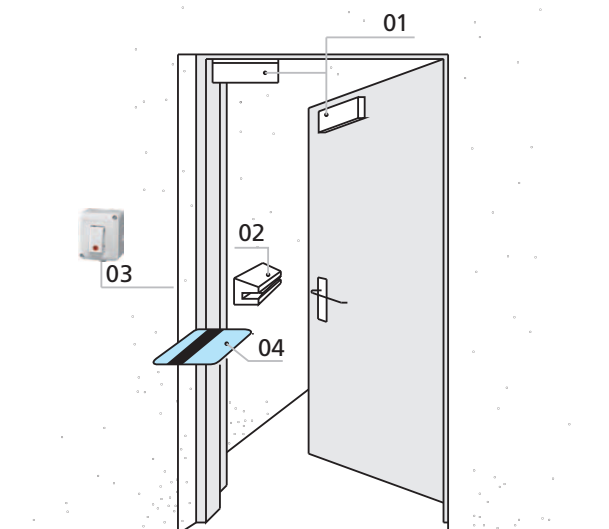
DOOR BLOCKING ELECTROMAGNET

This system is for use in special situations when the doors remain closed and should only be opened with electrical consent. The electrically powered electromagnet holds the door closed with a holding force of approximately 300kg, rendering the action of the handle ineffective. Only electrical commands (badge reader, key button, etc.) or electrical consent from the fire detector system can deactivate the electromagnet making a door opening possible.

Operation mode

The door is held closed by the electromagnet (01) and the bolt of the lock. Opening from the outside can happen via magnetic card (04) using the Badge reader (02) of the card control system or any other system of choice and by retracting the bolt using the handle or key.

From the inside, the deactivation of the electromagnet is caused by the unlock button (03) (also remotely) or with the same system used for the pull side, while the locking bolt must still be retracted using the handle or key. The activated electromagnet signals its state with a red LED, whereas the green LED signals the temporary deactivation. Further a relay AC/DC signaling the electromagnetic state is supplied.



NOTE

Unlocking of the door is only possible if the door is not locked by key.

Technical data

power supply	12/24V DC	time delay	0 ÷ 90 sec.
current absorbed	500mA at 12V DC - 250mA at 24V DC	electromagnetic compatibility standard	EMC - UNI CEI 70011
withstand force	up to 300kg.	certificate Nr.	0123/02

COMPONENTS INCLUDED WITH THE DOOR BLOCKING ELECTROMAGNET

For Proget doors

Door blocking electromagnet, withstanding force 300kg, 12/24V DC, fastener plate, anchor with stainless steel fastener backplate.

For Rever/Univer doors

Door blocking electromagnet, withstanding force 300kg, 12/24V DC, fastener plate and angle bar, anchor with stainless steel fastener backplate.

Control system:

- "Access" code keypad
- Card-based control system
- Biometric "TOCA access" reader
- Unlock button

NOTE

Detailed specifications for the Control system are found on the "Command accessories" page.



PROGET electromagnet



REVER/UNIVER electromagnet

CONTROL SYSTEMS AND RELATED ACCESSORIES

„Access“ code keypad

Power supply 12-18V AC/DC with 10 numeric buttons plus an Enter key, including control unit for 1 door and timer incorporated (0,5÷25 sec.). Up to 500 recordable different codes, composed from 1 to 6 digits.



„Access“ code keypad

Card-based control system

Card control system with timer incorporated, including Badge reader, control unit, flat cable, external 230V DC/15V DC transformer, three blank badges and a coded badge.



Card-based control system

„TOCA access“ biometric reader

„TOCA access“ biometric reader for reading fingerprints and transforming them into key codes. Includes an internal unit for registering, memorizing and cancelling users and external unit for fingerprints. Autonomous low voltage 9V AC power supply.



Biometric reader

Unlock button

Unlock button with white casing and control light.



Unlock button

Power Supply Switching 12V DC - 3A

With different management options:

- max. Nr. 10 MAC® Multifunction Access Control *
- or max. Nr. 5 Electromagnets door blocking
- or max. Nr. 5 ELM/mt Electric handles *
- or max. Nr. 8 ELM/cisa Electric handles *



Power supply switching 12V DC-3A

* provided that they are not commanded simultaneously

Emergency exit devices

NINZ

REVER
multipurpose

**"safety is in
your hands"**



PRESENTATION

Emergency exit devices (emergency handles)

Ninz S.p.A. is a leader in fire doors, and has once again re-asserted itself as a visionary company with a strong identity created by its continuous research into the design and technology of its own products, such as the new line of emergency exit handles.

The handles are **CE** marked and pre-certified according to European standard EN 179:2008, which entered in effect January 01, 2010, and which prescribes a several substantial changes that further extend the requirements for maximum safety and ease of opening.

The Kit designed for your needs

When ordered separately from the door, the M3, M3X, M14, M14X, Hot CIL and HOT CIL-X handles are packaged in functional KITS for display and presentation in the most appropriate distribution context.

Packaging in KITS ensures customers, installers and therefore the final users that they are receiving a complete anti-panic system with fully corresponding and **CE** certified parts.

Certifications and replacements

Given the importance of maintaining the entire system's **CE** conformity, special attention has been paid to replacement parts, which have been subjected to testing in accordance with the EN 179:2008 standard due to their pivotal role in maintaining **CE** certification.

The only way to ensure that the products maintain their original characteristics over time is by using original NINZ replacement parts.

For this reason, the instructions for emergency handles include additional indications regarding proper installation and maintenance plus a exploded assembly drawing that specifies every smallest detail of the certified system with all of the references required for ordering replacement parts.

NOTE

Handles are considered to be accessories and assembly is required.

M3 emergency handle

Emergency handle for internal locks - EN 179:2008



M3 IN BLACK PLASTIC

Description

Lever handle for emergency exit:

- Reversible for right or left opening
- Applicable to single leaf doors or the active leaf (main leaf) of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- Both the levers and the backplates are made of black plastic, and the core of the lever and the internal installation plate are made of galvanized steel
- The lock is anti-panic/fire rated for European profile cylinders
- Cylinder to pass in nickel-plated brass with 3 keys
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, mass up to 300 kg/leaf, with ratings up to EI₁₂₀ - REI120 and smoke resistance, handle protrusion of 65 mm

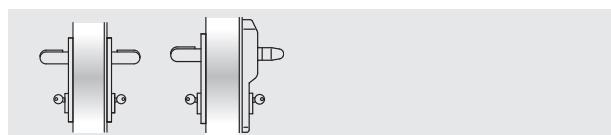
Applications

The M3 lever handle for emergency exits is for use on doors designated for emergency situations involving people who are accustomed to using safety exits and their hardware, and who are therefore unlikely to be in a state of panic.

Operation mode

With the lock locked by key, the door can no longer be opened from the pull side, while the door can still be opened using the lever on the push side.

VERSIONS AVAILABLE

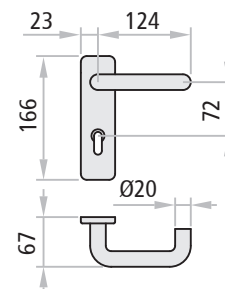


M3

M3 ELM/mt

VARIATIONS ON REQUEST

- MAC1 type panic lock, including access control mode
- Panic lock with 3 closing points (for multipurpose PROGET doors only)
- Mastered or coded cylinders



SUPPLIED TOGETHER WITH THE DOOR

For single leaves or the active leaf (main leaf) of two-leaved doors:

Included (mounted on the door): anti-panic lock with 65 mm entrance and the strike box insert.

Included (in the package): Nr. 2 black plastic lever handles, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 split square spindle, Nr. 1 standard nickel-plated double cylinder with 3 keys, Nr. 1 adhesive pictogram (green arrow), Nr. 1 instruction/maintenance manual.

Versions available: M3, M3 ELM/mt.

ELM electric handle: see the dedicated pages

M3 KIT VERSION

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Specify the leaf thickness in the order.

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike box insert, Nr. 2 black plastic lever handles, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 split square spindle, Nr. 1 standard nickel-plated double cylinder with 3 keys, Nr. 1 adhesive pictogram (green arrow), Nr. 1 instruction/maintenance manual.

Versions available: M3

M3X emergency handle

Emergency handle for internal locks - EN 179:2008



M3X IN STAINLESS STEEL

Description

Lever handle for emergency exit:

- Reversible for right or left opening
- Applicable to single leaf doors or the active leaf (main leaf) of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- The levers as well as the internal installation plates are made of AISI 304 satinized stainless steel, and the backplates are made of galvanized steel
- The lock is anti-panic/fire rated for Euro profile cylinders
- Cylinder to pass in nickel-plated brass with 3 keys
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, mass up to 300 kg/leaf, with fire resistance up to EI₁₂₀ - REI₁₂₀ and smoke resistance, handle protrusion of 75 mm

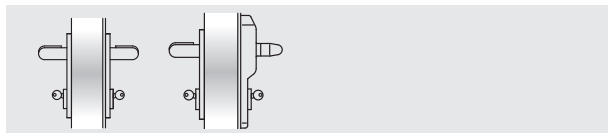
Use

The M3X emergency exit handle are to be applied on doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and therefore who are very unlikely to be in a state of panic.

Operation mode

With the lock locked by key, the door can no longer be opened from the pull side, but the door can still be opened from the push side using the handle.

VERSIONS AVAILABLE

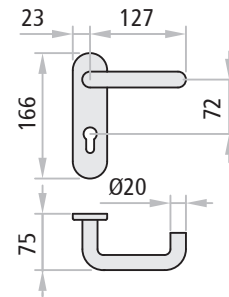


M3X

M3X ELM/mt

VARIATIONS ON REQUEST

- MAC1 panic lock, including access control system
- Panic lock with 3 closing points (for multipurpose PROGET doors only)
- Mastered or coded cylinders



SUPPLIED TOGETHER WITH THE DOOR

For single leaves or the active leaf (main leaf) of two-leaved doors:

Included (mounted on the door): anti-panic lock with 65 mm entrance and the strike box insert.

Included (in the package): Nr. 2 stainless steel lever handles, Nr. 2 galvanized steel internal installation plates, Nr. 2 stainless backplates, Nr. 1 split square spindle, Nr. 1 standard nickel-plated double cylinder with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 instruction/maintenance manual.

Versions available: M3X, M3X ELM/mt.

ELM electric handle: see the dedicated pages

M3X KIT VERSION

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Specify the leaf thickness in the order.

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike box insert, Nr. 2 black plastic lever handles, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 split square spindle, Nr. 1 standard nickel-plated double cylinder with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 instruction/maintenance manual.

Versions available: M3X

Certifications

Emergency handle for internal locks - EN 179:2008



M3, M3X CERTIFICATIONS

Suitable for one-leaved doors or the active leaf of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf and a mass of 300 kg/leaf

Denomination	M3, M3X DEVICE FOR EMERGENCY EXITS
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	10
Nr. and year of the standard	EN 179:2008
Certifying body	0425
CE certificate Nr.	2147-CPD-2010
Classification	3 7 7 B 1 4 4 2 A A

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 240 h
- 7th Material safety 1000 N
- 8th Handle protrusion up to 100 mm
- 9th Activation type with lever handle
- 10th Suitable for one- or two-leaved doors

ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425	
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) and certifies the compliance of the product to art. 1, art. 2 and annex A of DPR 21th April 1993, n°246 (89/106/CE Directive)			
ATTESTATO N°	2147 - CPD - 2010	CERTIFICATE N°	
Organismo notificato	Notified Body		
ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 SESTO SAN GIOVANNI	Identification number: 0425		
Dati Fabbricante	Manufacturer details		
Sede legale	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY	Head office	
Unità operativa		Production unit	
Dati prodotto	Product details		
Tipologia	Type		
DISPOSITIVI PER USCITE DI EMERGENZA AZIONATI MEDIANTE MANIGLIA A LEVA O PIASTRA A SPINTA			
EMERGENCY EXIT DEVICES OPERATED BY A LEVER HANDLE OR PUSH PAD			
Denominazione	Dispositivo di emergenza serie "M3" "M3X"	Denominazione	
Serrature antipanico	art. AP16/18, 3201001.018, SCA 1 3201001.019/020, MAC 1 3201001.041/042		
Coppia di deviatori	art. 4201010		
Riscontro serratura	art. 2401006, 2401005, 2401015, 2401014, 2401035, 3412001		
Aste verticali	art. 3305013		
Comandi	art. 3101001.009 (M3), 3101017.003 (M3X)		
Sistema di attestazione della conformità	1	System of attestation of conformity	
Norma di riferimento	EN 179:2008	Standard reference	
Classificazione	3 7 7 B 1 4 4 2 A A	Classification	
Eventuali estensioni	Nessuna / None		
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None		
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM SpA The present certificate is valid only for the product described above. Every change has to be approved by ICIM S.p.A.			
Data di emissione Issue date	Emissione corrente Current issue	Data di scadenza Expiring date	ICIM S.p.A. Il Presidente Ing. Tullio Badino
12/03/2010	12/03/2010	11/03/2020	

HOT-CIL Emergency handle

Emergency handle for internal locks - EN 179:2008

NINZ[®]
FIREDOORS

HOT-CIL IN BLACK PLASTIC

Description

Lever handle and fixed doorknob for emergency exits, especially for hotel rooms:

- Reversible for right or left opening
- Normally applied on single leaf doors or the active leaf of two-leaved doors if the secondary leaf normally remains closed and can only be opened manually with the latch bolt (019)
- Suitable for Rever/Univer/Proget doors and other types of emergency exit pull doors
- The lever, doorknob and even the backplates are made of black plastic, while the core of the lever and the internal installation plates are made of galvanized steel
- The lock is anti-panic/fire rated pull type for Euro profile cylinders
- Mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, mass up to 300 kg/leaf, with fire rating EI₂120 - REI120 and smoke resistance, handle protrusion of 65 mm

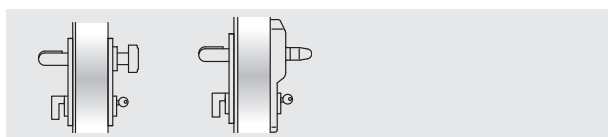
Use

The HOT-CIL emergency exit handle is to be applied on doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and who are therefore very unlikely to be in a state of panic.

Operation mode

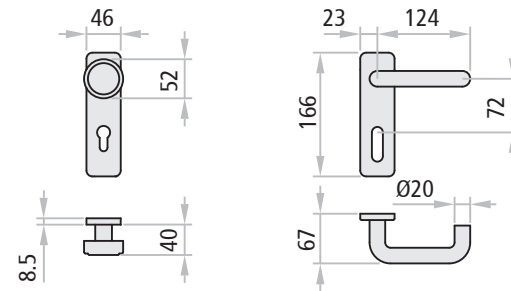
The door can be opened from the push side by key only, while it can be opened at any time from the pull side by pressing the handle, even when the lock is locked using the key. The lock has two bolts that protrude when the key or the thumbturn latch is turned.

VERSIONS AVAILABLE



HOT-CIL

HOT-CIL ELM/mt



SUPPLIED TOGETHER WITH THE DOOR

For the single leaf or active leaf (main leaf) of two-leaved doors (the secondary leaf normally remains closed and can only be opened manually using the bolt lock (019)):

Included (mounted on the door): the anti-panic lock with 65 mm entrance and the strike box insert.

Included (in the package): Nr. 1 lever handle and Nr. 1 fixed doorknob in black plastic, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 square spindle, Nr. 1 mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

Versions available: HOT-CIL, HOT-CIL ELM/mt.

ELM electric handle: see the dedicated pages.

HOT-CIL KIT VERSION

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf door or the active leaf (main leaf) of two-leaved doors (the secondary leaf normally remains closed and can only be opened manually using the bolt lock (019)):

Specify the leaf thickness in the order.

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike box insert, Nr. 1 lever handle and Nr. 1 fixed doorknob in black plastic, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 square spindle, Nr. 1 mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

Versions available: HOT-CIL

REVER
multipurpose

HOT-CIL-X Emergency handle

Emergency handle for internal locks - EN 179:2008

NINZ[®]
FIREDOORS

HOT-CIL-X IN STAINLESS STEEL

Description

Lever handle and fixed doorknob for emergency exits, especially for hotel rooms:

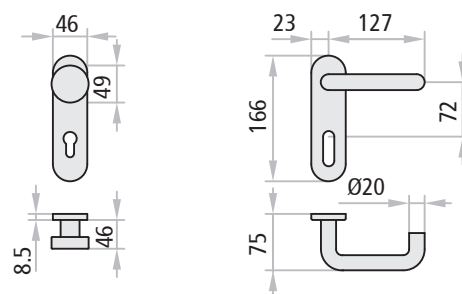
- Lever handle and fixed doorknob for emergency exits, especially for hotel rooms:
- Reversible for right or left opening
- Normally applied on single leaf doors or the active leaf of two-leaved doors if the secondary leaf normally remains closed and can only be opened manually with the latch bolt (019)
- Suitable for Rever/Univer/Proget doors and other types of emergency exit pull doors
- The lever, doorknob and plates are made of AISI 304 satinized stainless steel, while the backplates are made of galvanized steel
- The lock is anti-panic/fire rated for Euro profile cylinders
- Mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, masses up to 300 kg/leaf, fire rated to EI²120 - REI120 and smoke resistance, handle protrusion of 75 mm

Application

The HOT-CIL-X emergency exit handle is for use on doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and who are therefore very unlikely to be in a state of panic.

Operation mode

The door can be opened from the push side by key only, while it can be opened at any time from the pull side by pressing the handle, even when the lock is locked using the key. The lock has two bolts that protrude when the key or the thumbturn latch is turned.



SUPPLIED TOGETHER WITH THE DOOR

For the single leaf or active leaf (main leaf) of two-leaved doors (the passive leaf (secondary) normally remains closed and can only be opened manually using the bolt lock (019)):

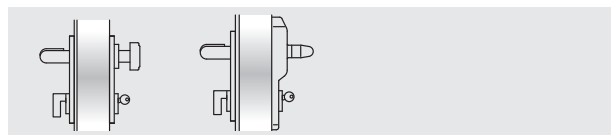
Included (mounted on the door): the anti-panic lock with 65 mm entrance and the strike plate insert.

Included (in the package): Nr. 1 lever handle and Nr. 1 fixed doorknob in satinized stainless steel, Nr. 2 galvanized steel internal installation plates, Nr. 2 backplates in satinized stainless steel, Nr. 1 square spindle, Nr. 1 mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

Versions available: HOT-CIL-X, HOT-CIL-X ELM/mt.

ELM electric handle: see the dedicated pages.

VERSIONS AVAILABLE



HOT-CIL-X

HOT-CIL-X ELM/mt

HOT-CIL-X KIT VERSION

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf door or the active leaf (main leaf) of two-leaved doors (the passive leaf (secondary) normally remains closed and can only be opened manually using the bolt lock (019)):

Specify the leaf thickness in the order.

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 1 lever handle and Nr. 1 fixed doorknob in satinized stainless steel, Nr. 2 galvanized steel internal installation plates, Nr. 2 backplates in satinized stainless steel, Nr. 1 square spindle, Nr. 1 mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

Versions available: HOT-CIL-X

Certifications

Emergency handle for internal locks - EN 179:2008



HOT-CIL, HOT-CIL-X CERTIFICATION

Suitable for one-leaved doors or two-leaved doors with the second leaf semi-fixed and not equipped with emergency or anti-panic devices, with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf.

Denomination	HOT-CIL, HOT-CIL-X EMERGENCY EXIT DEVICE
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	10
Nr. and year of the standard	EN 179:2008
Certifying body	0425
CE certificate Nr.	2149-CPD-2010
Classification	3 7 7 B 1 4 2 A D

1st	Category of use very frequent	_____
2nd	Durability 200.000 cycles	_____
3rd	Door mass over 200 kg	_____
4th	Suitable for fire/smoke rated doors	_____
5th	Safety, suitable for evacuation routes	_____
6th	High corrosion resistance 240 h	_____
7th	Material safety 1000 N	_____
8th	Handle protrusion up to 100 mm	_____
9th	Activation type with lever handle	_____
10th	Suited for one-leaved doors	_____

ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.5 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate is issued in accordance with the requirements defined in Article 6 par.2 lett. b) of DPR 21th April 1993, n°246 (89/106/CEE Directive) and certifies the compliance of the product to art. 1, art. 2 and annex A of DPR 21th April 1993, n°246 (89/106/CEE Directive).		
ATTESTATO N°	2149 - CPD - 2010	CERTIFICATE N°
Organismo notificato	Notified Body	
ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 SESTO SAN GIOVANNI	Identification number: 0425	
Dati Fabbricante	Manufacturer details	
Sede legale	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY	Head office
Unità operativa		Production unit
Dati prodotto	Product details	
Tipologia	DISPOSITIVI PER USCITE DI EMERGENZA AZIONATI MEDIANTE MANIGLIA A LEVA O PIASTRA A SPINTA EMERGENCY EXIT DEVICES OPERATED BY A LEVER HANDLE OR PUSH PAD	
Denominazione	Dispositivo di emergenza	serie "HOT-CIL" "HOT-CIL-X"
Serrature antipánico	art. 3201001.011	
Coppia di deviatori	art. 4201010	
Riscontro serratura	art. 2401006, 2401005, 2401015, 2401014	
Comandi	art. 3101001.012 (M2), 3101017.002 (M2X)	
Sistema di attestazione della conformità	1	
Norma di riferimento	EN 179:2008	
Classificazione	3 7 7 B 1 4 2 A D	
Eventuali estensioni	Nessuna / None	
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None	
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM SpA. The present certificate is valid only for the product described above. Every change has to be approved by ICIM S.p.A.		
Data di emissione Issue date	Emissione corrente Current issue	Data di scadenza Expiring date
12/03/2010	12/03/2010!	11/03/2020
		ICIM S.p.A. Il Presidente Ing. Tullio Badino

REVER
multipurpose

M14 emergency handle

Emergency handle for insertion in lock - EN 179:2008

NINZ[®]
FIREDOORS

M14 IN BLACK PLASTIC

Description

Lever handle for emergency exit:

- Reversible for right or left opening
- For application to the secondary leaf of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- The lever and plate are both made of black plastic, while the core of the lever and the internal installation plate are made of galvanized steel
- The safety lock is anti-panic fire rated, activates the vertical rods and ensures automatic closure
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, masses up to 300 kg/leaf, with fire rating EI₁₂₀
- REI120 and smoke resistance, handle protrusion of 65 mm

Use

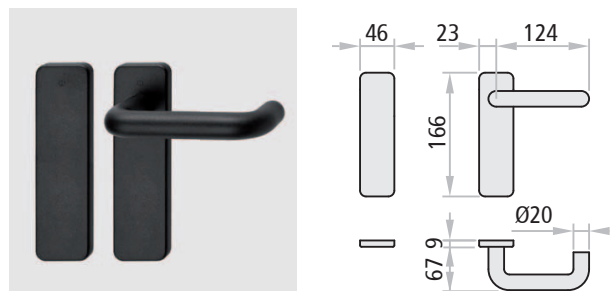
The M14 emergency exit handle is to be applied to doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and who are therefore highly unlikely to be in a state of panic.

The active (main) leaf must also be equipped with an anti-panic or emergency device.

Operation mode

The M14 emergency device is always used in combination with a second device for safety or emergency exits that is applied to the active (main) leaf, and for this reason does not include external opening door furnitures.

From the push side, opening is possible at any time by pushing on the handle, which causes the vertical rods to retract and at the same time pulls back the bolt of the active leaf's lock, unlatching both doors.



SUPPLIED TOGETHER WITH THE DOOR

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, vertical rods, upper locking device, upper strike plate.

Included (in the package): Nr. 1 lever handle (black plastic), Nr. 2 galvanized steel internal installation plates, Nr. 2 blank black plastic backplates, Nr. 1 square spindle, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

M14 KIT VERSION

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify the door type - REVER, UNIVER or PROGET - in the order.

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 1 lever handle (black plastic), Nr. 2 galvanized steel installation plates, Nr. 2 blank black plastic backplates, Nr. 1 square spindle, Nr. 1 upper locking device (for Rever and Univer multipurpose only), Nr. 1 carrier arm (excluding Rever and Univer multipurpose doors), fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

M14X emergency handle

Emergency handle for internal locks - EN 179:2008

NINZ[®]
FIREDOORS

M14X IN STAINLESS STEEL

Description

Lever handle for emergency exit:

- Reversible for right or left opening
- For application to the secondary leaf of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- The lever and backplates are both made of AISI 304 satinized stainless steel, while the internal installation plates are made of galvanized steel
- The safety lock is anti-panic/fire rated, activates the vertical rods and ensures automatic closure
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, mass up to 300 kg/leaf, with fire rating EI₂120 REI120 and smoke resistance, handle protrusion of 65 mm

Use

The M14X emergency exit handle is to be applied on doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and who are therefore highly unlikely to be in a state of panic.

The active (main) leaf must also be equipped with an anti-panic or emergency device.


Operation mode

The M14X emergency device is always used in combination with a second device for safety or emergency exits that is applied to the active leaf, and for this reason does not include external opening door furnitures.

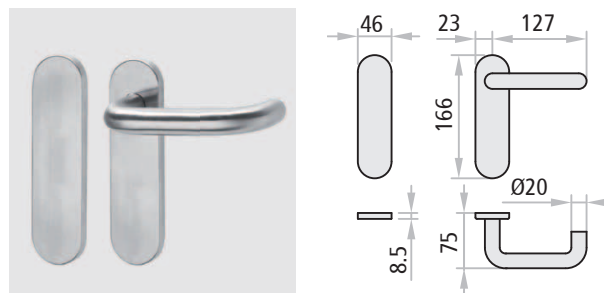
From the push side, opening is possible at any time by pushing on the handle, which causes the vertical rods to retract and at the same time pulls back the bolt of the active leaf's lock, unlatching both doors.

M14, M14X CERTIFICATION

Suited for the secondary leaf of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf.

	
Denomination	M14 EMERGENCY EXIT DEVICE
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	10
Nr. and year of the standard	EN 179:2008
Certifying body	0425
CE certificate Nr.	2148-CPD-2010
Classification	3 7 7 B 1 4 4 2 A C

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 240 h
- 7th Material safety 1000 N
- 8th Handle protrusion up to 100 mm
- 9th Activation type with lever handle
- 10th Suited for door: two-leaved, on the secondary leaf only



SUPPLIED TOGETHER WITH THE DOOR

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, vertical rods, upper locking device, upper strike plate.

Included (in the package): Nr. 1 lever handle in satinized stainless steel, Nr. 2 galvanized steel internal installation plates, Nr. 2 blank backplates in satinized stainless steel, Nr. 1 square spindle, Nr. 1 floor-mounted door catch, Nr. 1 carrier arm (for fire doors only), fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.



KIT M14X VERSION

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify the door type - REVER, UNIVER or PROGET - in the order.

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 1 lever handle in satinized stainless steel, Nr. 2 galvanized steel internal installation plates, Nr. 2 backplates in satinized stainless steel, Nr. 1 square spindle, Nr. 1 upper locking device (for Rever and Univer multipurpose only), Nr. 1 carrier arm (excluding Rever and Univer multipurpose doors), fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

		ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE	
<small>Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate is issued in accordance with the requirements defined in Article 6 par.2 lett. B) of DPR 21st April 1993, n°246 (89/106/CE Directive) and certifies the compliance of the product to art. 1, art. 2 and annex A of DPR 21st April 1993, n°246 (89/106/CE Directive).</small>			
ATTESTATO N°	2148 - CPD - 2010	CERTIFICATE N°	
Organismo notificato	ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 SESTO SAN GIOVANNI		Notified Body Identification number: 0425
Dati Fabbricante	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY		Manufacturer details Sede legale Unità operativa
Dati prodotto	DISPOSITIVI PER USCITE DI EMERGENZA AZIONATI MEDIANTE MANIGLIA A LEVA O PIASTRA A SPINTA EMERGENCY EXIT DEVICES OPERATED BY A LEVER HANDLE OR PUSH PAD		Product details Type
Tipologia	Dispositivo di emergenza serie "M14" "M14X"		Denominazione
Controserrature antipánico	art. AP020P, AP020U, 3201001.006		
Dispositivo superiore	art. 3105080, 3105024, 3305003		
Riscontro asta	art. 2401046, 2401044, 2401002		
Boccola pavimento	art. 2401001, 2401007, 3105091, 2401020		
Aste verticali	art. 3305015, 3305016, 3305002, 3305005		
Comandi	art. 3101001.008 (M14), 3101017.004 (M14X)		
Sistema di attestazione della conformità	1		System of attestation of conformity
Norma di riferimento	EN 179:2008		Standard reference
Classificazione	3 7 7 B 1 4 4 2 A C		Classification
Eventuali estensioni	Nessuna / None		Extensions
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None		Condition of subordination of CE certification
<small>Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM S.p.A. The present certificate is valid only for the product described above. Every change has to be approved by ICIM S.p.A.</small>			
Data di emissione Issue date	Emissione corrente Current issue	Data di scadenza Expiring date	ICIM S.p.A. Il Presidente Ing. Tullio Badino
12/03/2010	12/03/2010	11/03/2020	

REVER
multipurpose



PRESENTATION

EXUS® panic bars

Ninz S.p.A. is a leader in fire doors, and has once again reasserted itself as a visionary company with a strong identity created by its continuous research into the design and technology of its own products, such as the new line of EXUS® panic bars.

The EXUS® panic bars are CE marked and according to European standard EN 1125:2008, which entered in effect January 01, 2010, and which prescribes a series of substantial changes that further extend the requirements for maximum safety and ease of opening.

The KIT designed for your needs

When ordered separately from the door, the EXUS® series of panic bars is provided in elegant and functional KITS packaged for presentation in the most appropriate format for distribution.

Packaging in KITS ensures customers, installers and therefore the final users that they are receiving a complete anti-panic system with fully corresponding parts which are all CE certified.

Finishing

Attention to detail and proportions are highlighted by select materials and finishing.

In addition to the **black PLASTIC** version combined with **anodized ALUMINUM** bars, new combinations include the all **satnized STAINLESS STEEL** version and the **polished chromed ALUMINUM** version combined with the **anodized ALUMINUM** bar. Many other color and surface combinations are possible for equally aesthetic solutions. The particular aesthetics of soft forms is one of the exclusive advantages of **EXUS® panic bars**, representing the fruit of designs generated in collaboration with Studio MM Design, which has been working with the company for many years.

Certifications and replacements

Given the importance of maintaining the entire system's CE conformity, special attention has been paid to replacement parts, which have been subjected to testing in accordance with the EN 1125:2008 standard due to their pivotal role in maintaining CE certification.

The only way to ensure that the products maintain their original characteristics over time is by using **original NINZ replacement parts**.

For this reason, the instructions for **EXUS® panic bars** include additional indications regarding proper installation and maintenance plus a exploded assembly drawing that specifies every smallest detail of the certified system with all of the references required for ordering replacement parts.

With the new EXUS® panic bar, NINZ S.p.A. demonstrates its willingness to believe in market development by investing in designs and company image in order to endow its own products with added value while maintaining highly competitive quality-price ratios.



Black PLASTIC handle



ALUMINUM handle with STAINLESS STEEL lever handle and chromed ALUMINUM backplate



Satnized STAINLESS STEEL handle

NOTE

By default external door furniture is provided with the same finishing as the panic bar.

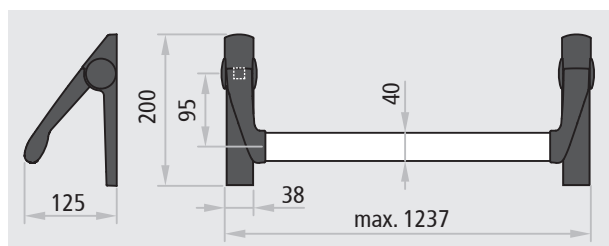
EXUS® - Features, certifications

Panic bar

NINZ
FIREDOORS

FEATURES

- Newly designed product with state of the art technological concept
- Available several in color and surface combinations: satinized stainless steel for the lever arms and the bar, or aluminum with polished chrome lever arms and anodized aluminum bar, and finally the classic evergreen combination - black plastic lever arms with anodized aluminum bar
- Certified for internal lock with 40 or 65 mm entrances for single leaves or active leaves, with 30 or 80 mm entrance for secondary leaves and with square spindle rotation of up to 45°
- Possibility of locking by key on the bar side as well
- Reversible for Right or Left mounting
- Protrusion 125 mm
- Proposed together with the door or separately in a complete KIT packaged in a black/yellow box
- Label applied to the packaging to identify the product's characteristics
- Wide range of customizations: colored bar, colored or stainless steel handles, lock with access control mechanisms, special coded or mastered cylinders



CERTIFICATION

Suited for one-leaved doors or the active and secondary leaves of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf

CE	
Denomination	EXUS PANIC BAR
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	08
Nr. and year of the standard	EN 1125:2008
Certifying body	0425
CE certificate Nr.	1228-CPD-2007
Classification	3 7 7 B 1 3 2 1 A A

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 96 h
- 7th Material safety 1000 N
- 8th Bar protrusion up to 150 mm
- 9th Activation type with push bar
- 10th Suited for one- or two-leaved doors



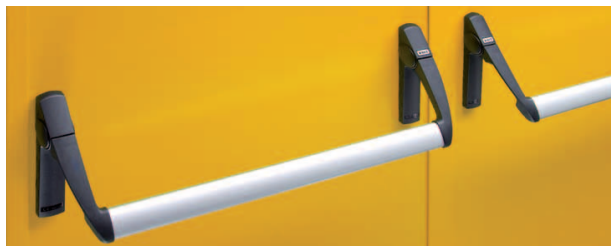
EXUS® is a registered trademark owned by Ninz S.p.A.

Also suited for doors with fire ratings:



ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate has been issued in conformity to what prescribed by the Art.6 par.2 letter b) of the DPR 21/04/1993, n°246 (Directive 89/106/CEE) and certifies the conformity of the product described below to the Art.1, Art.2 and attachment A of DPR 21/04/1993, n°246 (Directive 89/106/CEE).		
ATTESTATO N°	1228 - CPD - 2007	CERTIFICATE N°
Organismo notificato	ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 Sesto San Giovanni (MI) ITALY	Notified Body
Dati Fabbricante	Sede legale: NINZ S.p.A. Corso Trento, 2/A - 38061 ALA (TN) ITALY Unità operativa	Manufacturer Head office Operative unit
Dati prodotto	Tipologia: DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE PANIC EXIT DEVICES Denominazione: serie "TWIST" "EXUS LP" "EXUS LX" Serratura antipanico: art. AP1016, SGA 1 3201001.018020, MAC 1 3201001.041042, 4509002.17 (V), 3201001.018 485-65-9 Controstergiture antipanico: art. AP020P, AP020L, 4509002.18 (V), 3201001.6, 43190 95. Dispositivo superiore: art. 3105080, 3105024, 4509003 (V), 3305003. Rilevatore asta: art. 2401035, 2401046, 2401044, 4509005 (V), 2401002. Bocce pavimento: art. 2401001, 2401007, 3105091, 4509006 (V), 2401020, 4415008. Deviatori: art. 4201010. Asta verticale: art. 3305015, 3305016, 3305002, 4509003 (V), 3305013, 990937. Rilevatore serratura: art. 2401005, 2401025, 2401015, 2401014, 4509005 (V), 2401005, 2401035, 3412001. Comandi esterni: art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM allu, BSP inox, BSP allu.	Product Type
Sistema di attestazione della conformità		Attestation of conformity
Norma di riferimento		Standard
Classificazione		Classification
Eventuali estensioni		Extensions
Eventuali condizioni di subordinazione della Certificazione CE		Possible conditions of subordination of the CE Certification
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM SpA. The present issue is valid only for the product described above. Possible changes to be brought in have to be approved by ICIM S.p.A.		
Data di emissione First issue	Emissione corrente Current issue	Data di scadenza Expiring date
18/04/2007	04/08/2010	17/04/2017
		ICIM S.p.A. Il Presidente Ing. Tullio Badino

EXUS® LP IN BLACK PLASTIC

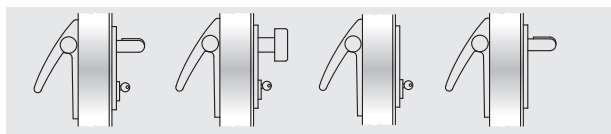


Description

The EXUS LP panic exit device consists of an anodized aluminum horizontal bar that inserts into the lever arms attached to the command mechanisms which activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm
- Two black plastic lever arms with galvanized steel core
- The two command mechanisms are made of galvanized steel with black plastic cover plates, one of which has an EXIT label that identifies the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- External door furniture and the backplate are made of black plastic, while the internal installation plate is made of galvanized steel
- DC version with double cylinder to pass

VERSIONS AVAILABLE

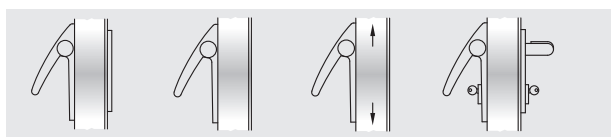


BM

BSP

BS

BMC

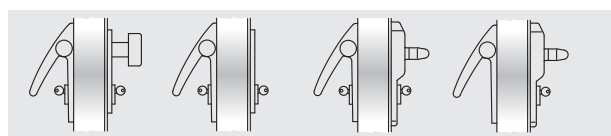


BC

B

A

DC BM



DC BSP

DC BS

DC ELM

ELM

VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- External BM and BSP door furnitures in satinized stainless steel
- External BM and BSP door furnitures painted in RAL colors
- MAC1 panic lock with access control system, combinable with the BM and DC BM versions
- Mastered or coded cylinders
- Microswitch and cable sleeve for signaling when the door is open

EXUS LP (SUPPLIED WITH THE DOOR)

For single leaves or the active leaf (main leaf) of two-leaved doors:

Included (mounted on the door):

Included (in the package): Nr. 2 door command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 black plastic door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, BS, BMC, BC, B (for Proget doors only), DC BM, DC BSP, DC BS, DC ELM, ELM.

ELM electric handle: see the dedicated pages

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

Included (in the package): Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

EXUS LP KIT

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 black plastic external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, BS, BMC, BC, DC BM, DC BSP, DC BS

KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

EXUS® LA IN ALUMINUM

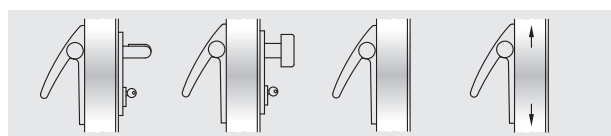


Description

The EXUS LA panic bar consists of an anodized aluminum horizontal bar that inserts into lever arms attached to the command mechanisms which activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm
- The two lever arms are made of an aluminum alloy with a polished chrome finish
- The two command mechanisms are made of galvanized steel with aluminum alloy cover plates with a polished chrome finish, one of which has an EXIT label to identify the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The door furniture consist of the AISI 304 stainless steel handle or knob and the aluminum alloy backplate with polished chrome finish
- The arms, backplates and handle caps are finished with tri-valent chrome in compliance with the ROSH regulation
- DC version with double cylinder to pass

VERSIONS AVAILABLE

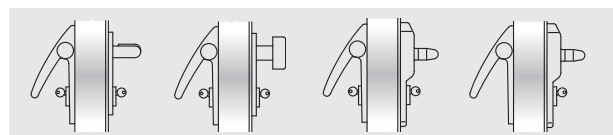


BM

BSP

B

A



DC BM

DC BSP

DC ELM

ELM

VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- MAC1 panic lock with access control system, combinable with the BM and DC BM versions
- Mastered or coded cylinders
- Microswitch and cable sleeve for signaling when the door is open

EXUS LA (SUPPLIED WITH THE DOOR)

For single leaves or the active leaf (main leaf) of two-leaved doors:

Included (mounted on the door): the anti-panic lock with 65 mm entrance and the backplate insert

Included (in the package): Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum carter covers, Nr. 2 polished chrome aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 stainless steel/aluminum door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

Versions available: BM, BSP, B (for Proget doors only), DC BM, DC BSP, DC ELM, ELM.

ELM electric handle: see the dedicated pages

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

Included (in the package): Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum carter covers, Nr. 2 polished chrome aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

EXUS LA KIT

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum carter covers, Nr. 2 polished chrome aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 stainless steel/aluminum external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, DC BM, DC BSP

KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum carter covers, Nr. 2 polished chrome aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 chromed aluminum carter covers, Nr. 2 chromed aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

EXUS® LX IN STAINLESS STEEL

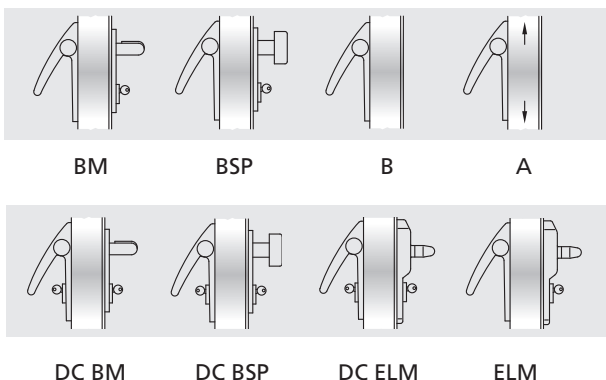


Description

The entire EXUS LX panic bar is made of stainless steel, and consists of a horizontal bar that inserts into lever arms attached to the command mechanisms which activate the lock.

- Maximum corrosion resistance and noteworthy robustness of the entire set
- Optimal aesthetic appearance
- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of AISI 304 satinized stainless steel with an elliptical cross-section measuring 40 x 20 mm, length of 1150 mm
- The two lever arms are made of AISI 304 satinized stainless steel
- The two command mechanisms are made of AISI 304 stainless steel
- The two backplates and the cover caps are made of AISI 304 satinized stainless steel, and one is labeled with EXIT to identify the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The door furnitures and related backplate are made of AISI 304 satinized stainless steel, while the internal installation plate is made of galvanized steel
- DC version with double cylinder to pass

VERSIONS AVAILABLE



VARIATIONS ON REQUEST (see dedicated page)

- MAC1 panic lock with access control system, combinable with the BM and DC BM versions
- Mastered or coded cylinders
- Microswitch and cable sleeve for signaling when the door is open

EXUS LX (SUPPLIED WITH THE DOOR)

For single leaves or the active leaf (main leaf) of two-leaved doors:

Included (mounted on the door): the anti-panic lock with 65 mm entrance and the backplate insert

Included (in the package): Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 stainless steel door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, B (for Proget doors only), DC BM, DC BSP, DC ELM, ELM.

ELM electric handle: see the dedicated pages

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

Included (in the package): Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

EXUS LX KIT

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

KIT contents: Nr. 1 reversible anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 stainless steel external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, DC BM, DC BSP

KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

specify door type on the order form
KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

Twist

NINZ®
FIREDOORS

REVER
multipurpose



PRESENTATION

TWIST panic bars

TWIST panic bars are **CE** marked in accordance with European standard EN 1125:2008, which entered in effect January 01, 2010, and which prescribes a series of substantial changes that further extend the requirements for maximum safety and ease of opening.

The KIT designed for your needs

When ordered separately from the door, the **TWIST** series of panic bars is provided in elegant and functional KITS packaged for presentation in the most appropriate format for distribution.

Packaging in KITS ensures customers, installers and therefore the final users that they are receiving a complete anti-panic system with fully corresponding parts that are all **CE** certified.

Finishing

The **TWIST** panic exit device series is proposed in a **black PLASTIC** version combined with an **anodized ALUMINUM** bar. On request, the bar and the door furniture may be painted in RAL colors, opening up an infinite variety of aesthetic solutions.

Certifications and replacements

Given the importance of maintaining the entire system's **CE** conformity, special attention has been paid to replacement parts, which have been subjected to testing in accordance with the EN 1125:2008 standard due to their pivotal role in maintaining **CE** certification.

The only way to ensure that the products maintain their original characteristics over time is by using **original NINZ replacement parts**.

For this reason, the instructions for **TWIST** panic bars include additional indications regarding proper installation and maintenance plus an explosion assembly drawing that specifies every smallest detail of the certified system with all of the references required for ordering replacement parts.

With the new packaging of the TWIST panic exit device, NINZ S.p.A. demonstrates its intent to believe in market development by investing in designs and company image in order to endow its own products with added value while maintaining highly competitive quality-price ratios.



Black PLASTIC handle

NOTE

The TWIST exit device series is combined with a black PLASTIC handle.

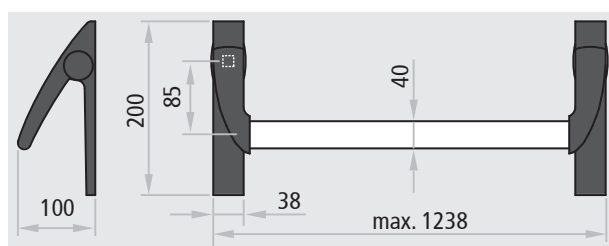
TWIST - Features, certifications

Panic bar

NINZ
FIREDOORS

FEATURES

- The classic line of panic bars, an ever-green, available in the standard combination with black plastic arms/caps and anodized aluminum bar
- Certified for internal locks with a 65 mm entrance for single leaves or active leaves, and with an 80 mm entrance for secondary leaves
- Reversible for mounting on Right or Left doors
- Protrusion 100 mm
- Proposed together with the door or separately in a complete KIT packaged in a single black/green box
- Packaging is labeled to identify product characteristics
- Wide range of customizations: colored bar, colored or stainless steel handles, locks with access control systems, special coded or mastered cylinders



Also suited for doors with fire ratings:

EI₁₂₀ REI 120 smoke resistant



CERTIFICATION

Suited for one-leaved doors or the active and secondary leaves of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf

Denomination	TWIST PANIC BAR
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	08
Nr. and year of the standard	EN 1125:2008
Certifying body	0425
CE certificate Nr.	1228-CPD-2007
Classification	3 7 7 B 1 3 2 1 A A

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 96 h
- 7th Material safety 1000 N
- 8th Bar protrusion up to 150 mm
- 9th Activation type with push bar
- 10th Suitable for one- or two-leaved doors

ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE			 0425
<small>Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate has been issued in conformity to what prescribed by the Art.6 par.2 letter b) of the DPR 21/04/1993, n°246 (Directive 89/106/CEE) and certifies the conformity of the product described below to the Art.1, Art.2 and attachment A of DPR 21/04/1993, n°246 (Directive 89/106/CEE).</small>			
ATTESTATO N°	1228 - CPD - 2007	CERTIFICATE N°	
Organismo notificato		Notified Body	
ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 Sesto San Giovanni (MI) ITALY		Identification number: 0425	
Dati Fabbricante		Manufacturer	
Sede legale: NINZ S.p.A. Corso Trento, 2/A - 38061 ALA (TN) ITALY		Head office	
Unità operativa		Operative unit	
Dati prodotto		Product	
Tipologia	DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE PANIC EXIT DEVICES		Type
Denominazione	Dispositivo antipatico serie "TWIST" "EXUS LP" "EXUS LA" "EXUS LX"	Denomination	
	Serrature antipatico: art. AP18/18, SGA 1 3201001.019/020, MAC 1 3201001.041/042, 4509002.17 (V), 3201001.018, 485-05-0.		
	Controesclusure antipatico: art. AP020P, AP020U, 4509002.18 (V), 3201001.6, 43190.05.		
	Dispositivo superiore: art. 3105080, 3105024, 4509003 (V), 3305003.		
	Riccontro asta: art. 2401006, 2401040, 2401044, 4509009 (V), 2401002.		
	Boccola pavimento: art. 2401001, 2401007, 3105091, 4509006 (V), 2401020, 4410008.		
	Deviatori: art. 4201010.		
	Asse verticali: art. 3305015, 3305016, 3305002, 4509003 (V), 3305013, 990937.		
	Riccontro serratura: art. 2401005, 2401005, 2401015, 2401014, 4509005 (V), 2401005, 2401005, 3412001.		
	Comandi esterni: art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM alu, BSP inox, BSP alu.		
Sistema di attestazione della conformità		Attestation of conformity	
Norma di riferimento		Standard	
EN1125:2008			
Classificazione		Classification	
3 7 7 B 1 3 2 1 A A			
Eventuali estensioni		Extensions	
Nessuna / None			
Eventuali condizioni di subordinazione della Certificazione CE		Possible conditions of subordination of the CE Certification	
Nessuna / None			
<small>Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM S.p.A. The present issue is valid only for the product described above. Possible changes to be brought in have to be approved by ICIM S.p.A.</small>			
Data di emissione First issue	Emissione corrente Current issue	Data di scadenza Expiring date	 ICIM S.p.A. Il Presidente Ing. Tullio Badino
18/04/2007	04/08/2010	17/04/2017	

TWIST IN BLACK PLASTIC

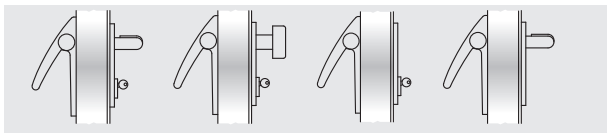


Description

The TWIST plastic panic bar consists of an anodized aluminum horizontal bar that inserts into the lever arms attached to the command mechanisms used to activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm
- Two black plastic lever arms with galvanized steel core
- The two command mechanisms are made of galvanized steel with black plastic backplates, one of which has an EXIT label that identifies the lock side
- The lock is anti-panic/fire resistance for Euro profile cylinders
- Door furnitures and the backplate are made of black plastic, while the installation plate is made of galvanized steel

VERSIONS AVAILABLE

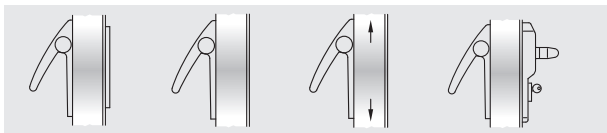


BM

BSP

BS

BMC



BC

B

A

ELM

VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- External BM and BSP commands in satinized stainless steel
- External BM and BSP commands painted in RAL colors
- MAC1 panic lock with access control mode, combinable with the BM version
- Mastered or encrypted cylinders
- Microswitch and cable sleeve for signaling when the door is open

TWIST (SUPPLIED WITH THE DOOR)

For single leaves or the active leaf (main leaf) of two-leaved doors:

Included (mounted on the door): the anti-panic lock with 65 mm entrance and the backplate insert

Included (in the package): Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 black plastic external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, BS, BMC, BC, B (for Proget doors only), ELM/mt and ELM/cisa.

ELM electric handle: see the dedicated pages

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

Included (in the package): Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 floor-mounted door catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

TWIST KIT

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 black plastic external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, BS, BMC, BC

KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

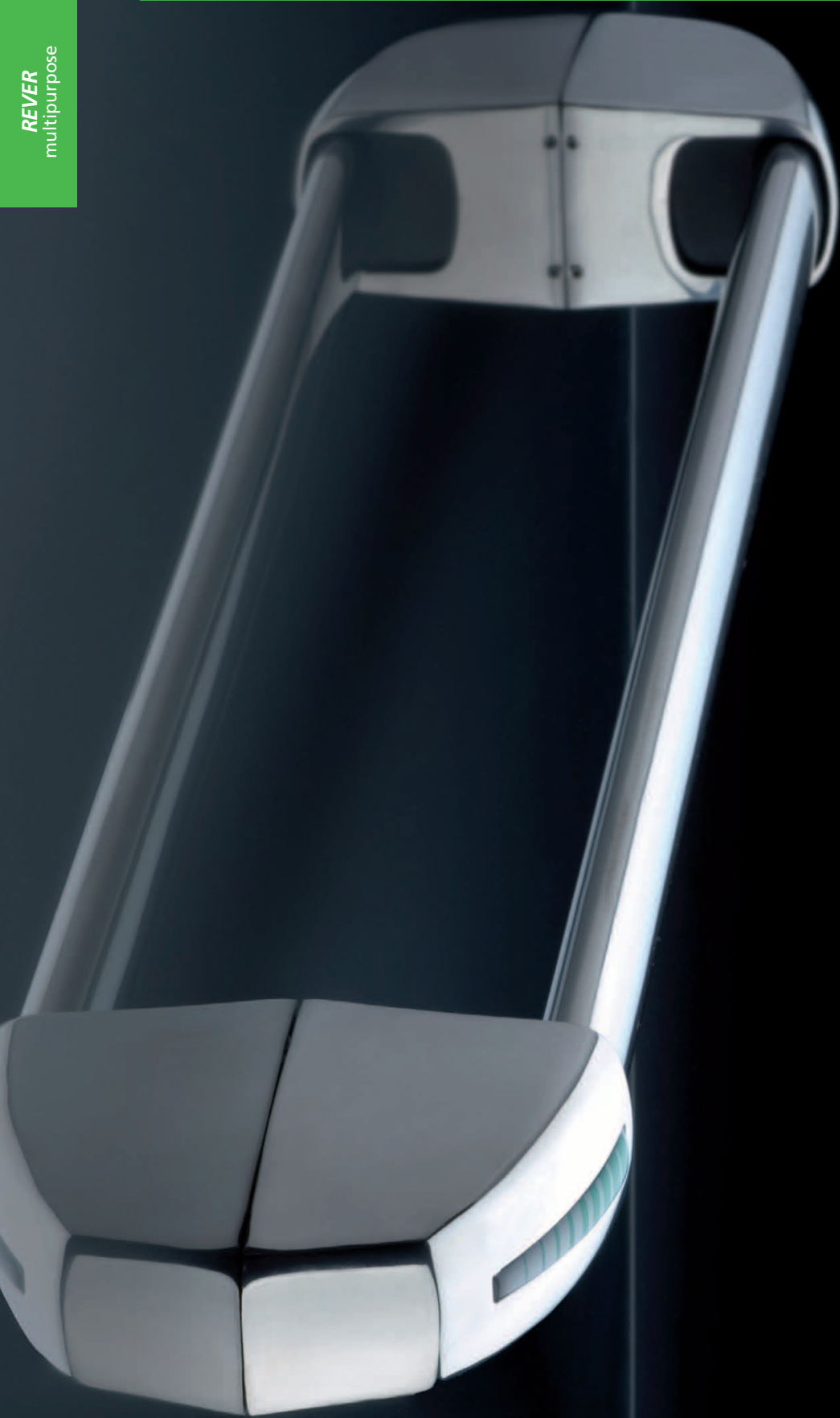
Versions available: A

KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A

REVER
multipurpose



PRESENTATION

SLASH panic bars

Ninz S.p.A. is a leader in fire doors, and has once again reasserted itself as a visionary company with a strong identity created by its continuous research into the design and technology of its own products, such as the new line of SLASH panic bars.

All SLASH handles are **CE** marked and pre-certified according to European standard EN 1125:2008, which entered in effect January 01, 2010, to prescribe a series of substantial changes that further extend the requirements for maximum safety and ease of opening.

The KIT designed for your needs

When ordered separately from the door, the **SLASH** series of panic bars is provided in elegant and functional KITS packaged for presentation in the most appropriate distribution format.

Packaging in KITS ensures customers, installers and therefore the final users that they are receiving a complete anti-panic system with fully corresponding parts that are all **CE** certified.

Finishing

In addition to the **black PLASTIC** version combined with **anodized ALUMINUM** bars, new combinations include the **satinized STAINLESS STEEL** version and the **polished chromed ALUMINUM** version combined with the **anodized ALUMINUM** bar. Many other color and surface combinations are possible for equally aesthetic solutions.

Certifications and replacements

Given the importance of maintaining the entire system's **CE** conformity, special attention has been paid to replacement parts, which have been subjected to testing in accordance with the EN 1125:2008 standard due to their pivotal role in maintaining **CE** certification.

The only way to ensure that the products maintain their original characteristics over time is by using **original NINZ replacement parts**.

For this reason, the instructions for **SLASH** panic bars include additional indications regarding proper installation and maintenance plus a blow-up drawing that specifies every smallest detail of the certified system with all of the references required for ordering replacement parts.

With the expansion of the line and the new packaging of the SLASH panic bar, NINZ S.p.A. demonstrates its faith in market development by investing in designs and company image in order to endow its fire doors and the series of accessories with added value while continuing to maintain highly competitive quality-price ratios.



Black PLASTIC handle



ALUMINUM handle with STAINLESS STEEL lever handle and chromed ALUMINUM plate



Satinized STAINLESS STEEL handle

NOTE

The external door furnitures for this series are provided with the same finishing as the panic bar.

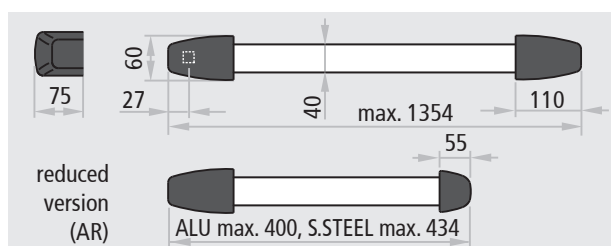
SLASH - Features, certifications

Panic bar

NINZ
FIREDOORS

FEATURES

- Panic bar that stands out from the others due to its particular design and the rounded shapes of the carters. This characteristic not only improves aesthetic appeal, but it also eliminates any risk of injury during use
- Available in different color and surface combinations, in satinized stainless steel for the cover carters and the bar, or with polished chromed aluminum carters and anodized aluminum bar, and then there is always the classic combination that is still in fashion - black plastic carters with anodized aluminum bar
- Certified for internal locks with a 65 mm entrance for single leaves or active leaves, and with an 80 mm entrance for passive leaves
- Reversible for Right or Left mounting
- Protrusion 75 mm
- Proposed together with the door or separately in a complete KIT packaged in a single black/orange box
- Label applied to the packaging to identify the product's characteristics
- Wide range of customizations: colored bar, colored or stainless steel handles, lock with access control mechanisms, special encrypted or mastered cylinders



CERTIFICATION

Suited for one-leaved doors or the active and passive leaves of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf. CE

CE	
Denomination	SLASH PANIC BAR
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	08
Nr. and year of the standard	EN 1125:2008
Certifying body	0425
CE certificate Nr.	1308-CPD-2007
Classification	3 7 7 B 1 3 2 2 B A

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 96 h
- 7th Material safety 1000 N
- 8th Bar protrusion up to 100 mm
- 9th Activation type with touch bar
- 10th Suitable for one- or two-leaved doors



Also suited for doors with classifications up to:

EI₂120 **REI 120** **smoke resistant**



ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.8 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE)		
This certificate has been issued in conformity to what prescribed by the Art. 8 par.2 letter b) of the DPR 21/04/1993, n°246 (Directive 89/106/EEC) and certifies the conformity of the product described below to the Art.1, Art.2 and attachment A of DPR 21/04/1993, n°246 (Directive 89/106/EEC)		
ATTESTATO N°	1308 - CPD - 2007	CERTIFICATE N°
Organismo notificato	ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 Sesto San Giovanni (MI) ITALY	Notified Body
Dati Fabbricante	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY	Manufacturer
Sede legale	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY	Head office
Unità operativa		Operative unit
Dati prodotto	Tipologia DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE PANIC EXIT DEVICES Denominazione Dispositivo antipanico Modelli "SLASH", "SLASH AR", "SLASH ALU", "SLASH ALU AR", "SLASH INOX", "SLASH INOX AR" Serratura antipanico art. AP16/18, SCA 1 3201001.018/020, MAC 1 3201001.041/042, 3201001.016, 405-05-0 Controsovrapprezzo antipanico art. AF020P, AF020U, 3201001.6, 43190-95 Dispositivo superiore art. 3105080, 3105024, 3300003 Riscontro asta art. 2401008, 2401046, 2401044, 2401002 Boccola pavimento art. 2401001, 2401007, 3105091, 2401020, 4419008 Deviatori art. 4201010 Aste verticali art. 3305015, 3305016, 3305002, 3305013, 960837 Riscontro serratura art. 2401005, 2401005, 2401015, 2401014, 2401003, 2401005, 3412001 Comandi esterni art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM alu, BSP inox, BSP alu	
Sistema di attestazione della conformità		Attestation of conformity
Norma di riferimento		Standard
EN1125:2008		
Classificazione		Classification
3 7 7 B 1 3 2 2 B A		
Eventuali estensioni	Nessuna / None	Extensions
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None	Possible conditions of subordination of the CE Certification
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM S.p.A. The present issue is valid only for the product described above. Possible changes to be brought in have to be approved by ICIM S.p.A.		
Data di emissione First issue	Emissione corrente Current issue	Data di scadenza Expiring date
31/05/2007	04/08/2010	30/05/2017
 ICIM S.p.A. Il Presidente Ing. Tullio Badino		

SLASH IN BLACK PLASTIC

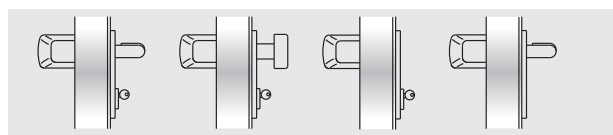


Description

The SLASH panic bar consists of an anodized aluminum horizontal bar and an internal connection tube that inserts into the command mechanisms which activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm, equipped with a connection tube
- The two command mechanisms are made of galvanized steel with black plastic carter covers, one of which has a green label that identifies the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The door furnitures and the backplate are made of black plastic, while the internal installation plate is made of galvanized steel

VERSIONS AVAILABLE

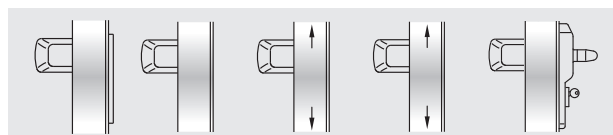


BM

BSP

BS

BMC



BC

B

A

AR

ELM

VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- External BM and BSP commands in satinized stainless steel
- External BM and BSP commands painted in RAL colors
- MAC1 panic lock with access control mode, combinable with BM versions
- Mastered or encoded cylinders
- Microswitch and cable sleeve for signaling when the door is open

SLASH (SUPPLIED WITH THE DOOR)

For single leaves or the active leaf (main leaf) of two-leaved doors:
Included (mounted on the door): the anti-panic lock with 65 mm entrance and the backplate insert

Included (in the package): Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 backplate in RAL 9006 colored plastic with internal installation plate (for REVER and UNIVER doors), Nr. 1 black plastic external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, BS, BMC, BC, B (for Proget doors only), ELM/mt and ELM/cisa.

ELM electric handle: see the dedicated pages

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

Included (in the package): Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for secondary leaves with FM L2 width ≤ 500mm

SLASH KIT

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 backplate in RAL 9006 colored plastic with internal installation plate, Nr. 1 black plastic door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, BS, BMC, BC

KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

SLASH IN ALUMINUM

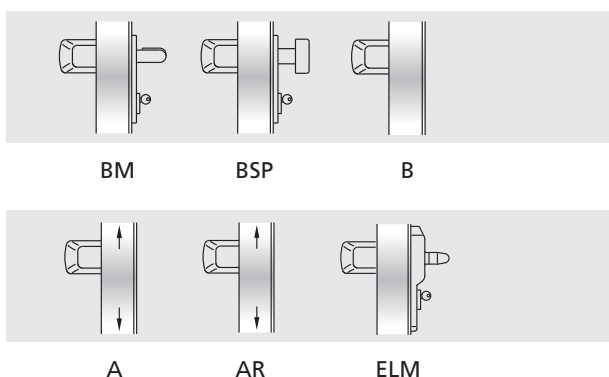


Description

The SLASH ALU panic bar consists of an anodized aluminum horizontal bar and an internal connection tube that inserts into the command mechanisms which activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm, equipped with a connection tube
- The two command mechanisms are made of galvanized steel with aluminum alloy cover plates with polished chrome finishing, one of which has a green label to identify the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The external door furniture consist of the AISI 304 stainless steel handle or knob and aluminum alloy plate with polished chrome finish
- The carters and handle plate are finished with tri-valent chrome in compliance with the ROSH regulation

VERSIONS AVAILABLE



VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- MAC1 panic lock with access control system, combinable with BM versions
- Mastered or encoded cylinders
- Microswitch and cable sleeve for signaling when the door is open

SLASH ALU (SUPPLIED WITH THE DOOR)

For single leaves or the active leaf (main leaf) of two-leaved doors:

Included (mounted on the door): the anti-panic lock with 65 mm entrance and the backplate insert

Included (in the package): Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 backplate in black plastic with internal installation plate (for REVER and UNIVER doors), Nr. 1 stainless steel/aluminum external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, B (for Proget doors only), ELM/mt and ELM/cisa. ELM electric handle: see the dedicated pages

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

Included (in the package): Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for secondary leaves with FM L2 width ≤ 500mm

SLASH ALU KIT

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike box insert, Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 backplate in black plastic with internal installation plate, Nr. 1 stainless steel/aluminum external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP

KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

specify door type on the order form

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 chromed aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

SLASH IN STAINLESS STEEL

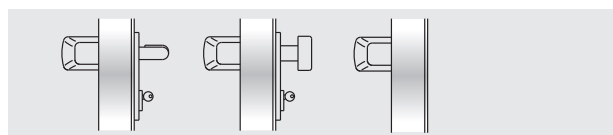


Description

The SLASH STAINLESS STEEL panic bar consists of a stainless steel horizontal bar and an internal connection tube that inserts into the command mechanisms which activate the lock.

- Optimal corrosion and shock resistance
- State of the art aesthetics
- Secure attachment of carter
- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of AISI 304 satinized stainless steel with a 40 x 20 mm elliptical cross-section and a length of 1150 mm, equipped with a connection tube
- The two command mechanisms are made of galvanized steel with AISI 304 stainless steel cover plates, one of which has a green label that identifies the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The external door furniture and related backplate are made of AISI 304 satinized stainless steel, while the internal installation plate is made of galvanized steel

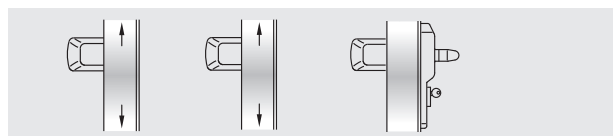
VERSIONS AVAILABLE



BM

BSP

B



A

AR

ELM

VARIATIONS ON REQUEST (see dedicated page)

- MAC1 panic lock with access control system, combinable with BM versions
- Mastered or coded cylinders
- Microswitch and cable sleeve for signaling when the door is open

SLASH STAINLESS STEEL (SUPPLIED WITH THE DOOR)

For single leaves or the active leaf (main leaf) of two-leaved doors:

Included (mounted on the door): the anti-panic lock with 65 mm entrance and the backplate insert

Included (in the package): Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 backplate in black-colored plastic with internal installation plate (for REVER and UNIVER doors), Nr. 1 stainless steel external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP, B (for Proget doors only), ELM/mt and ELM/cisa.

ELM electric handle: see the dedicated pages

For the secondary leaf of two-leaved doors:

Included (mounted on the door): anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

Included (in the package): Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for secondary leaves with FM L2 width ≤ 500mm

SLASH STAINLESS STEEL KIT

(SUPPLIED SEPARATELY FROM THE DOOR)

KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

KIT contents: Nr. 1 reversible anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 backplate in black plastic with internal installation plate, Nr. 1 stainless steel door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: BM, BSP

KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

Versions available: A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

General information

Panic bars - System components

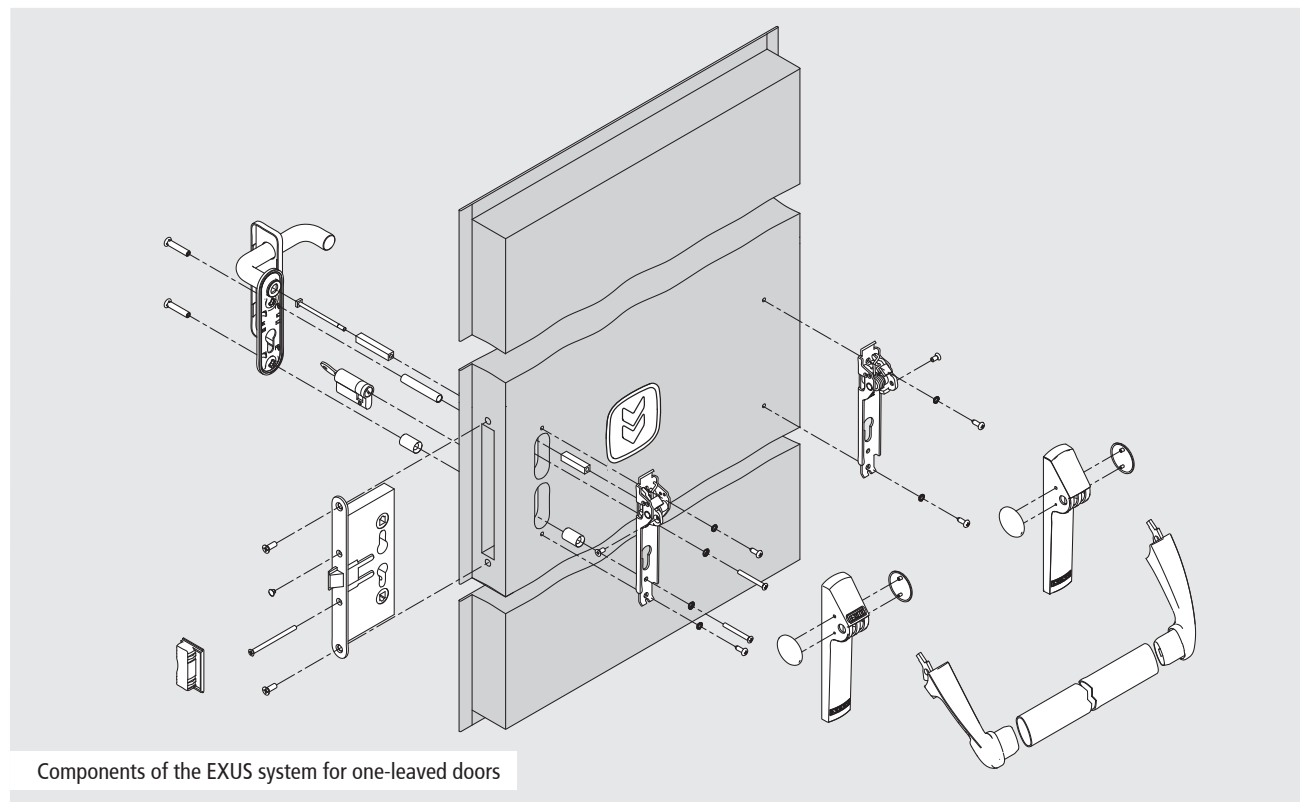


COMPONENTS OF THE CERTIFIED SYSTEM

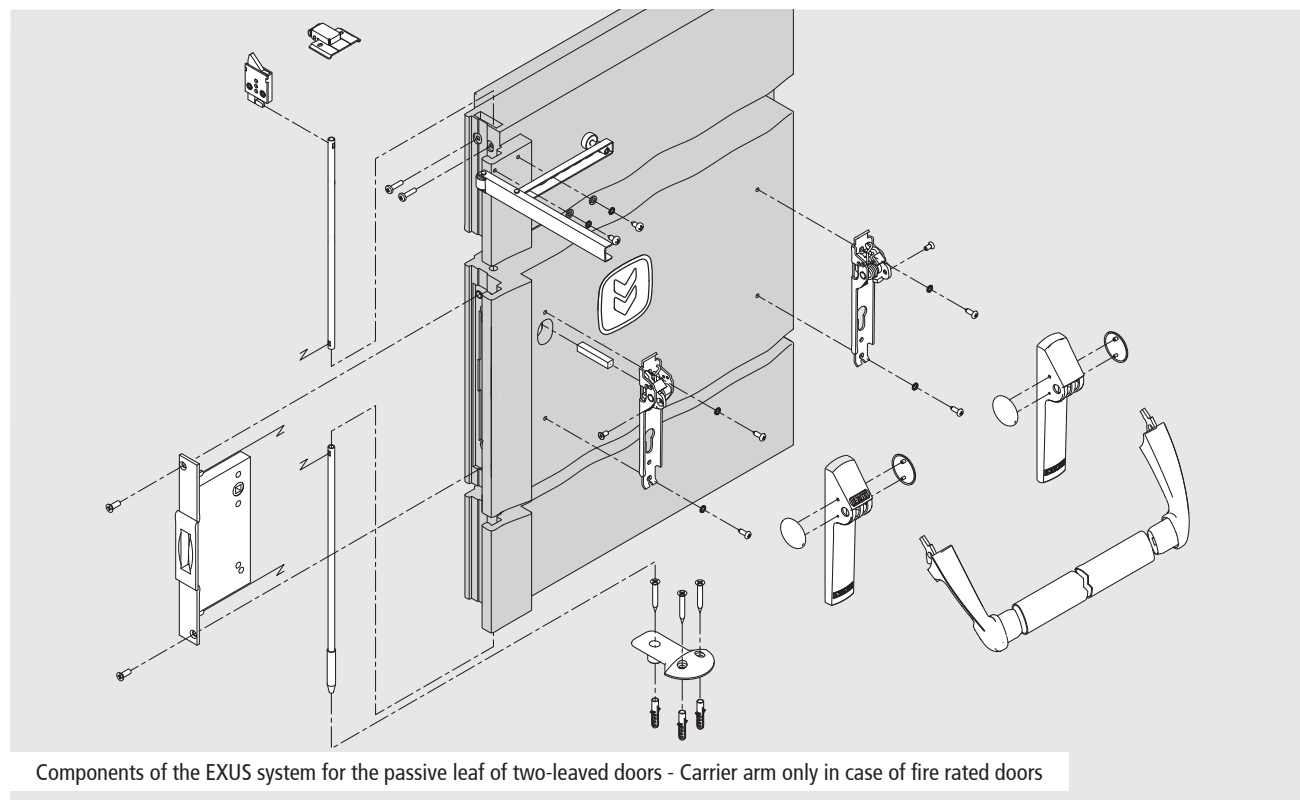
All NINZ panic bars are supplied in complete KITS to ensure conformity with EN 1125:2008 standards and **CE** certification of the product. When supplied together with the door, several of these components are already mounted

on the leaf and/or doorframe.

The purpose of the following examples is to help clarify what panic bars must include to comply with certified samples.



Components of the EXUS system for one-leaved doors



Components of the EXUS system for the passive leaf of two-leaved doors - Carrier arm only in case of fire rated doors

Variations on request

For panic bars

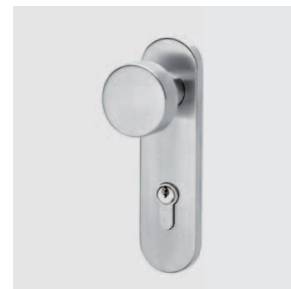
NINZ[®]
FIREDOORS

STAINLESS STEEL EXTERNAL DOOR FURNITURE

For all black plastic exit devices (except for those designed for glazed doors), satinized stainless steel external BM and BSP commands are available on request.



BM stainless steel



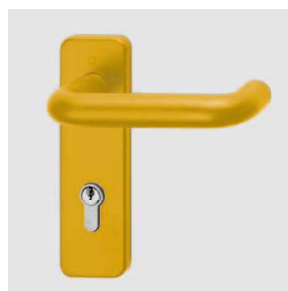
BSP stainless steel

COLORED PLASTIC EXTERNAL DOOR FURNITURE

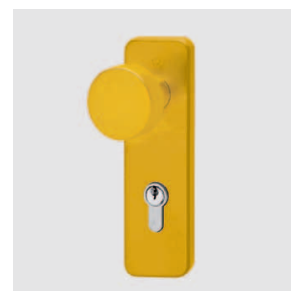
For all black plastic exit devices (except for those designed for glazed doors), painted plastic external BM and BSP commands are available on request.

Colors available:

RAL	RAL	RAL	RAL	RAL	
1023	7016	7035	9006*	9010	
					*light aluminum



BM colored RAL1023



BSP colored RAL1023

PAINTED HORIZONTAL BAR

For all exit devices (except for those with a stainless steel bar), the aluminum horizontal bar may be painted in the RAL color of your choice.



VERSION „E“ WITH MICROSWITCH

All exit devices may be equipped with a microswitch incorporated in the hinge side mechanism for signaling when the door is open. The cable and cable sleeve for the electrical connection between the exit device and the wall are included.



“MAC1®” ACCESS CONTROL SYSTEM

For all exit devices with type BM external door furniture (except for those designed for glazed doors), the panic lock is also available with the access control function. Delivery together with the door includes the following: the MAC 1 lock, external command with LED, internal cabling of the leaf and the electric contacts between the door leaf and door frame. In case of delivery as a Kit with panic bar instead of the internal cabling and the electric contacts a power supply cable and a flexible cable sleeve will be supplied.

MAC1:

- powered at 12-24 V AC/DC
- 250 mA absorption with startup at 500 mA at 12V or max. 1A at 24V
- timer incorporated, time set at 30 seconds
- possibility for continuous handle activation (open setting)



Handle for MAC1 lock with LEDs

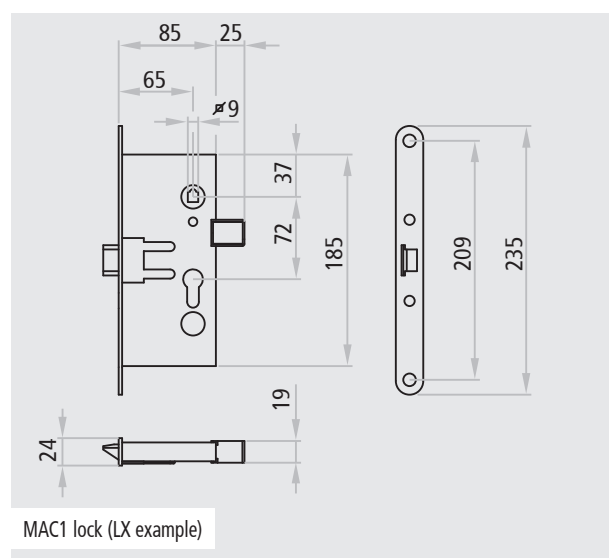
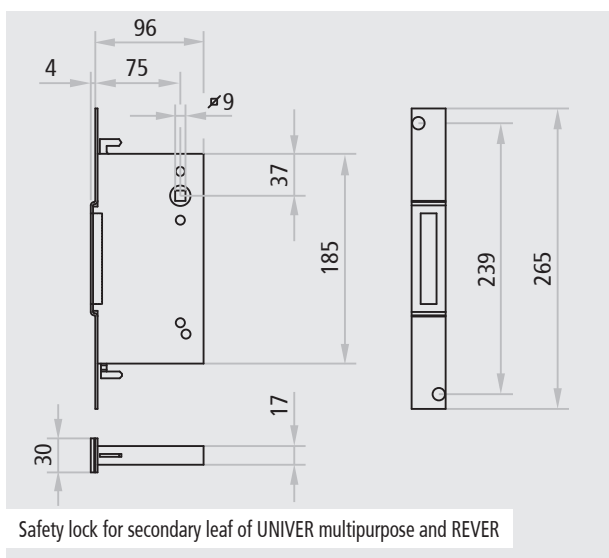
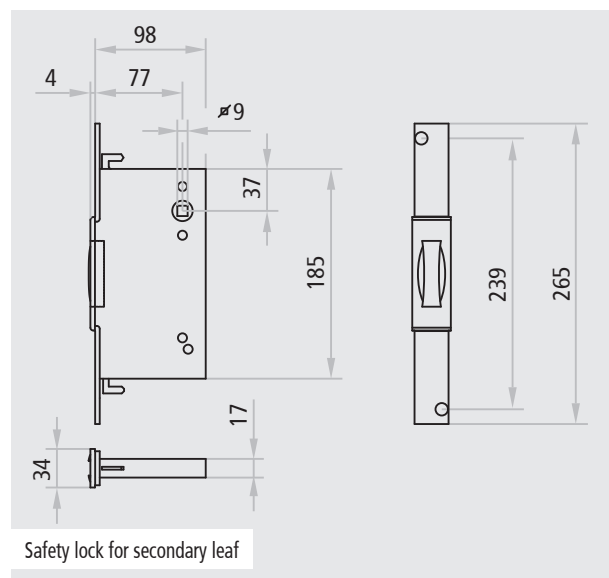
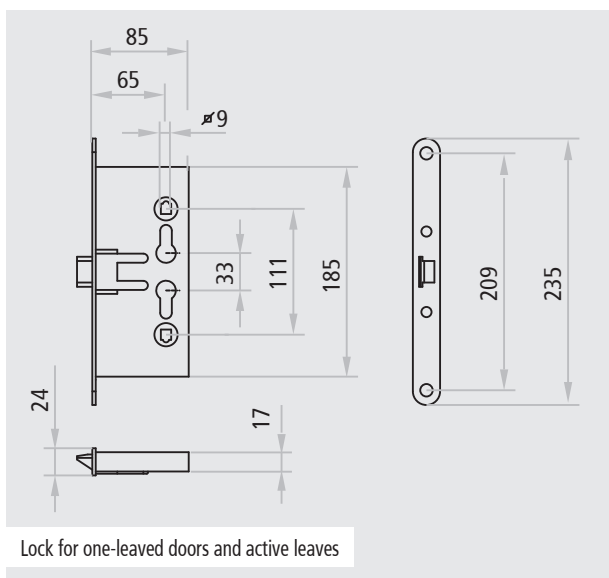
For sizes, information and technical data consult the dedicated pages

REVER
multipurpose

Dimensional drawings

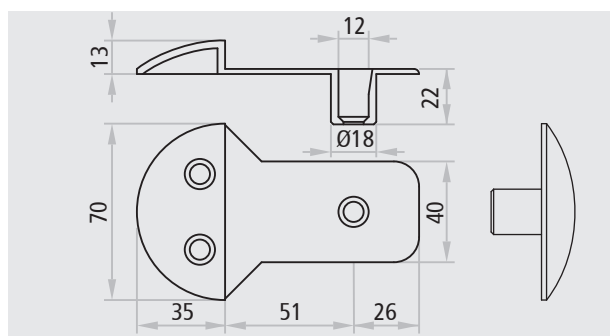
For panic exit device components

Article Nr.	Description
3201001.016	Lock for one-leaved doors and active leaves (AP 16/18)
3201001.024	Safety lock for secondary leaves (AP 020 P)
3201001.008	Safety lock for secondary leaves of UNIVER multipurpose and REVER (AP 020 U)
3201001.041	MAC1 Left lock
3201001.042	MAC1 Right lock
2401001.001	Lower floor catch for secondary leaf of PROGET and other multipurpose doors
3105019.001	Lower floor catch for secondary leaf of UNIVER
3105020.001	Lower floor catch for secondary leaf of REVER
2401006.001	Strike plate insert for one-leaved PROGET and other multipurpose doors
3105080.001	Upper re-latch device for secondary leaf of PROGET and other multipurpose doors
3105024.001	Upper re-latch device for secondary leaf of UNIVER and REVER
2401046.001	Upper strike box for passive leaf of PROGET and other multipurpose doors
3305001.001	Carrier arm for passive leaf

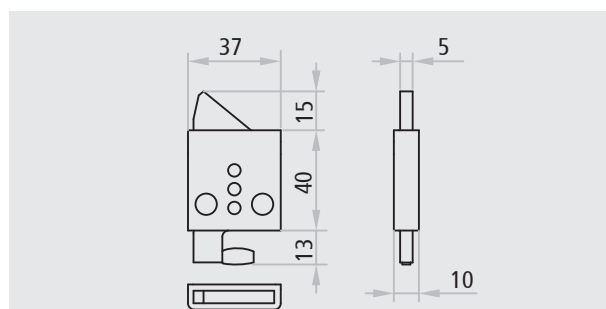


Dimensional drawings

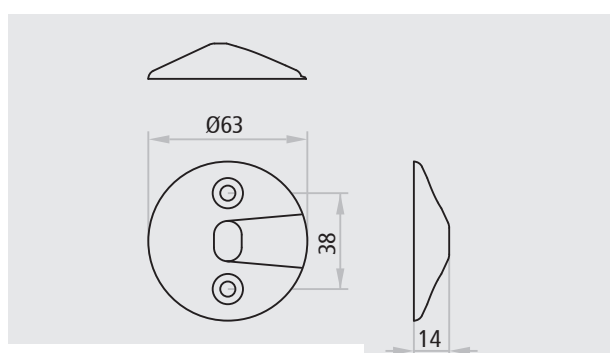
For panic exit device components



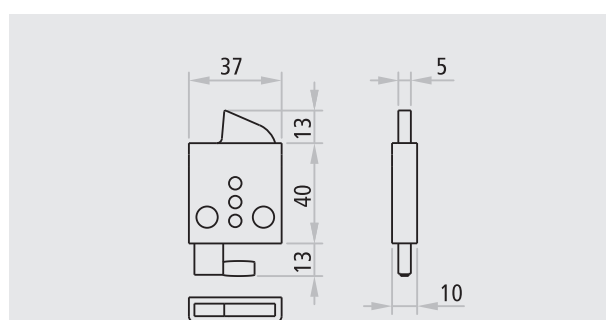
Lower floor catch for passive leaf of PROGET and other multipurpose doors



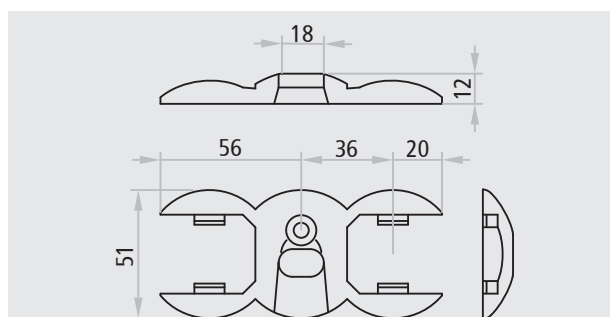
Upper re-latch device for secondary leaf of PROGET and other multipurpose doors



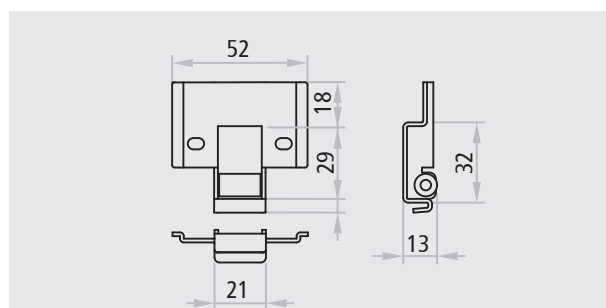
Lower floor catch for passive leaf of UNIVER



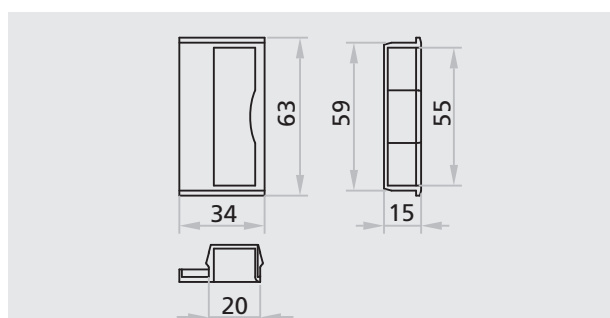
Upper re-latch device for secondary leaf of UNIVER and REVER



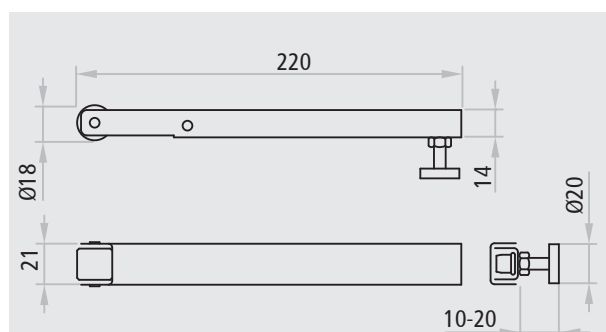
Lower floor catch for passive leaf of REVER



Upper strike box for secondary leaf of PROGET and other multipurpose doors



Strike plate insert for one-leaved doors of PROGET and other multipurpose doors



Carrier arm for secondary leaf

NOTICES

For panic exit devices, the human safety features are of fundamental importance in terms of their conformity with EN 1125:2008, which permits no modifications of any kind except for those described in the manufacturer's installation instructions.

All of NINZ's installation instructions for panic exit devices include a list of elements that have been tested and approved for use with panic exit devices and that can be packaged separately.

No modifications to the certified system are permitted, and every component must remain unchanged.

No uncertified components are applicable, and therefore the package contains certified components only.

Panic exit device components that are produced in conformity with European standards will provide a high level of human safety and an appropriate level of safety for material goods, as long as the doors and frames they are mounted on are in good condition.

All components supplied and mentioned must be positioned and installed according to the installation instructions by qualified personnel.

After installation is complete, a dynamometer is used to measure the force required to release the lock by pressing on the horizontal bar and the measured forces are recorded in the maintenance register.

The instructions must be kept on file by the owner of the activity.



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