


CONTENTS OF THE SLASH BS PANIC BAR KIT PACKAGE


position	pcs.	description	position	pcs.	description
1, 2	01	Slash mechanism assembly	18	01	Pan head self-tapping screw, Ø4,8x50mm (Proget+Univer) or Ø4,8x38mm (Rever)
3, 4	01	Slash carter set	19	05	Pan head tapping screw Ø4,8x16mm
5	01	Guide for connection pipe	20	06	M5 toothed washer (# 8 pcs. for stainless steel version)
6	01	Connection pipe	21	01	Black cap hole Ø8,8mm
7	02	Protection	23	01	Subplate
8	01	Horizontal bar in anodized aluminium	24	01	Panic safe lock
9	01	S3 hex key	25	01	Proget strike box lock
10	01	Adhesive pictogram (green arrow)	* 26	01	Hole-covering base plate
11	01	Standard nickel-plated half cylinder with three keys and fastening screw	* 27	01	Cover for hole-covering base plate RAL 9006
12	01	Installation plate in galvanized steel	* 28	06	Self-drilling countersunk screw Ø4,2x16mm
13	01	Black plastic cover plate	30	01	Washer
14	01	S2 hex key	31	01	S4 hex key
15, 15a	01	9x9x40mm threaded square spindle with M5x20mm hex socket screw	# 33	01	Installation plate in galvanized steel
16	02	Self-tapping countersunk screw Ø5,5x38mm	# 34	01	Stainless steel cover plate
17	02	M6 Toothed washer	# 35	02	Pan head self tapping screw Ø4,2x13mm
			# 36	02	M3x8mm pan head screw
			-	01	A034 hole-drilling template
			-	01	Slash BS Kit panic bar set installation instruction

 Please note that article 4 of the MD of 03 November 2004 obliges the installer to write up, sign and provide the owner of the activity with a declaration of proper installation that makes explicit reference to the instructions supplied by the exit device manufacturer.


TOOLS REQUIRED



Medium-sized Philips-head screwdriver or electric screwdriver, electric drill with Ø2 and Ø3mm drill bit for steel, fine-toothed and for aluminium hack-saws.

IMPORTANT


- Installation should be carried out by qualified personnel only and in strict conformity with the instructions supplied.
- For a correct installation all supplied components must be used, including toothed washers.
-  - No variations are allowed, and only components indicated in the package contents may be used.
- Given its purpose, the Slash BS panic bar should be mounted on the push-side of the door.
- Before proceeding with installation, check the package contents to ensure that no pieces are missing.
- Check the type of external plate to apply and follow the specific instructions.
- Any different installation configuration from that illustrated on page 2/4 is not allowed.

INSTALLATION





- First disassemble any handles or bar components that are already present.
- Unscrew the two frontal screws (22) and take away the existing lock (24). Insert the subplate (23) in the hole intended for the lock case. Install the new panic safe lock (24) and fasten it with the same two frontal screws (22).
- Insert the half cylinder (11) and fasten it temporarily with the screw (11) then remove the key. If the hole of the subplate (23) does not match with the half cylinder, take away the lock (24) and turn the subplate upside down.
- For Rever door adjust the threaded square spindle (15) reducing its length for 5mm; be careful to cut the bevelled side.
-  - Insert the washer (30) over the square hole of the panic safe lock (24), from the pull-side of the door, as showed in drawing (32). Insert the M5x20mm screw (15a) over the washer (30) and screw it at the square spindle (15), using the S4 hex wrench (31). Make sure that washer and square spindle are correctly inserted over the square holes before tighten the screw (15a).
- In case of stainless steel BS version screw onto installation plate (33) the screws (36), just enough to insert the cover plate (34).
- Place the external plate (12 or 33) on the pull side of the door and fix it with the screws (16) and their toothed washers (17), centering the respective holes of the installation plate (23).
- Use the template to drill the holes (29) with the Ø3mm drill bit, checking the level. If holes are already present, drill them again for the internal reinforcement.
- Insert the operating mechanism (1) of the panic bar over the square spindle (15), to the lock-side (push-side of the door), with the lift of the cam (1a) turned downwards. Fasten the mechanism starting with the two Ø4,8x16mm screws (19), then with the Ø4,8x50mm (Proget/Univer) or Ø4,8x38mm (Rever) screw (18), with their toothed washers (20).
- Fix the square spindle (15) at the operating mechanism (1), using the S2 hex wrench (14).
- In case of Univer and Rever doors, apply the hole-covering base plate (26) after having provisionally clipped on the carter (3) on the mechanism. Center it vertically above the carter and at a distance of 30mm from the edge of the leaf (see drawing). Fasten the hole-covering base plate provisionally with the two more external screws (28) by first drilling holes in the metal panel with the Ø2mm drill bit, then positioning the cover (27) to verify that it attaches correctly without interfering with the carter. If everything matches, complete fastening with the remaining screws (28) after removing the cover (27) and the carter (3).
- Fasten the mechanism (2) of the panic bar at hinged side, using the self-tapping screws Ø4,8x16mm (19) and their toothed washers (20).
- Make a precise "L" measurement, cut the horizontal aluminium bar (8), and remove the burrs from the cut edge. Insert the guide (5) for the connection pipe in the center of the bar.
- Take out the mechanism (2) in order to insert the horizontal bar (8) in the operating mechanism (1); then insert also the connection pipe (6) until it passes through the block (6a).
- Insert the plastic carters in the horizontal bar, first the one with the sticker (3), then the other one without (4). For Univer or Rever doors insert also the cover (27) between the two carters. Join the bar with the hinged side mechanism (2) inserting also the connection pipe (6) before re-fastening the mechanism at the door.
- Fasten provisionally the connection pipe (6) so that it not protrudes from the block, by screwing the two socket set screws (6c) of the hinged side mechanism (2) with the S3 hex key (9).
- Maintaining pulled the horizontal bar (8) block the connection pipe (6) by screwing lightly the two socket set screws (6b) of the operating mechanism (1). Then verify that the latch bolt retracts completely by pushing the end of the bar from hinged side. In this case screw the four socket set screws (6b

- and 6c) until they not protrude from the block. Otherwise loosen the socket set screws and repeat the operation, making sure that the connection pipe is kept under tension. Lastly cut off the protruding piece of the connection pipe.
- Insert the protections (7) in the designated guides of both mechanisms.
- Apply the carters (3 and 4) on the relative mechanisms while ensuring that the protections (7) remain in their position. Clip on the carters by pushing softly the horizontal bar; first the wide side, then the narrow side. If present, clip on the cover (27) at the hole-covering base plate (26).
- Finish fastening the half cylinder (11), insert the little cap hole (21) in the open hole of the panic safe lock (24).
-  - Push the Slash BS panic bar at any point along the horizontal bar, checking to ensure that the latch bolt of the lock opens easily and fully. Use the same method to check the external side, using the key to retract the latch bolt. Test the door in both open and closed positions, and if necessary file down the plastic strike box (25) of one-leaved doors, or the panic safe lock for inactive leaf of two-leaved doors.
- In case of plastic BS version clip the cover plate (13) manually onto installation plate (12).
- In case of stainless steel BS version it is also necessary to fasten the installation plate (33) using the self-tapping screws Ø4,2x13mm (35) and their toothed washers (20) after drilling holes in the metal panel with the Ø2mm drill bit. Insert the cover plate (34) onto installation plate (drw. 2). Using the S2 hex key (14), unscrew the screws (36) until the cover become fixed, avoiding any deformation (drw. 3).
- Apply the pictogram (10) with the green arrow on the internal surface of the door, just above the horizontal bar.
-  - Lastly, use a dynamometer to measure the force required on the horizontal bar to release the lock. Record this force measurement in the present document.

USE

- Ensure that the door always opens easily.
- Avoid unnecessary strains on or handling onto external plate and exit bar.
- Protect the panic bar from external atmospheric agents.
- Ensure that nothing hinders the free movement of the horizontal bar.
- Do not paint the lock.
- Use the bar properly, do not pull it in the wrong direction.
- Do not leave the key in the lock.
-  - Make sure that any damaged or malfunctioning parts are replaced immediately.

MAINTENANCE

- To ensure that door usage conforms with regulations, the following maintenance checks should be carried out at least once a month:
- Confirm that all of the installed components correspond with those listed in the present instructions and that no other latching devices than those originally installed have been added to the door.
 - Inspect and activate the panic bar to verify that all of its components are in satisfactory operational condition.
 - Use a dynamometer to confirm that the release force shows no significant differences from the forces recorded at the time of installation.
 -  - Check whether all screws are fully tightened, tightening any that may have loosened.
 - Check whether panic bar and key can be moved with minimal effort, and that the latch bolt of the lock retreats from the strike box without offering resistance. If the door has become difficult to open due to friction, the resistance can be reduced by filing the strike box down to the appropriate height.
 - Activate the Slash BS panic bar at both ends of the horizontal bar, checking to ensure full retraction of the latch bolt in both cases.
 - Ensure that the latch bolt exits completely when the horizontal bar is released.
 - Check the horizontal bar and replace it if any damage or deformities are detected.
 -  - Check whether the inserts and strike boxes are blocked in any way and eliminate any obstructions.
 - This product requires no special maintenance. Grease spray should be used to lubricate the internal workings of the lock and panic bar on a regular basis - the latter has a hole on its carter for this purpose.
 - For normal cleaning use mild detergents.
 -  - Any adjustments that become necessary must be carried out by qualified personnel using original NINZ replacement parts.
 -  - The owner of the activity is responsible for keeping the declaration of correct installation on file, conducting proper panic bar maintenance in accordance with all of the manufacturer's maintenance guidelines, keeping maintenance and check-up records and preserving the present document.

