

CONTENTS OF THE SLASH BSP PANIC BAR PACKAGE

position	pcs.	description	position	pcs.	description
1, 2	01	Slash mechanism assembly	18	05	Pan head self tapping screw Ø4,8x16mm
3, 4	01	Slash carter set	19	01	M5 Toothed washer (# 8 pcs. for stainless steel version)
5	01	Guide for connection pipe	20	01	Black cap hole Ø8,8mm
6	01	Connection pipe	# 21	02	Pan head self tapping screw Ø4,2x13mm
7	02	Protection	# 22, 22a, 22b	01	Fix doorknob with stainless steel cover plate and galvanized steel installation plate
8	01	Horizontal bar in anodized aluminium	* 26	01	Hole-covering base plate
9	01	S3 hex key	* 27	01	Cover for hole-covering base plate RAL 9006
10	01	Adhesive pictogram (green arrow)	* 28	06	Self-drilling countersunk screw Ø4,2x16mm
11	01	Standard nickel-plated half cylinder with three keys and fastening screw	# 30	02	M3x8mm pan head screw
12, 12a, 12b,	01	Fix doorknob with black plastic cover plate and galvanized steel installation plate	31	01	Washer
12c			32	01	S4 hex key
13	01	S2 hex key	-	01	A034 hole-drilling template
14, 14a	01	9x9x40mm threaded square spindle with M5x20mm hex socket screw	-	01	Kit Slash BSP panic bar installation instructions
15	02	Self-tapping countersunk screw Ø5,5x38mm			
16	02	M6 Toothed washer			
17	01	Pan head self-tapping screw, Ø4,8x50mm (Proget+Univer) or Ø4,8x38mm (Rever)			



- The panic lock (24) and the respective strike box (counterstrike) (25) are delivered already mounted on the door as well as the subplate (23)!




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 and hack-saw for aluminium.



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 BSP 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 if the door is equipped with the panic safe lock and the subplate (23).
- Check the type of doorknob to apply and follow the specific instructions.
- Any different installation configuration from that illustrated on page 2/4 is not allowed.


INSTALLATION

- 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 (14) reducing its length for 5mm; be careful to cut the bevelled side.
-  - Insert the washer (31) over the square hole of the panic safe lock (24), from the pull-side of the door, as showed in drawing (33). Insert the M5x20mm screw (14a) over the washer (31) and screw it at the square spindle (14), using the S4 hex wrench (32). Make sure that washer and square spindle are correctly inserted over the square holes before tighten the screw (14a).
- In case of plastic doorknob turn the cover (12b) and remove the two threaded inserts (12c). For the one near the doorknob make leverage at itself deforming slightly the hole of the installation plate, just enough to remove the threaded insert.
- In case of stainless steel doorknob (22), screw onto installation plate (22a), the screws (30), just enough to insert the cover plate (22b).
- Place the doorknob (12 or 22) on the pull side of the door and fix it with the screws (15) and their toothed washers (16), centering the respective holes of the installation plate (23). In case of plastic doorknob (12) clip the cover plate (12b) manually onto installation plate (12a).
- 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 (14), 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 (18), then with the Ø4,8x50mm (Proget/Univer) or Ø4,8x38mm (Rever) screw (17), with their toothed washers (19).
- Fix the square spindle (14) at the operating mechanism (1), using the S2 hex wrench (13).
- 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 (18) and their toothed washers (19).
- 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 (8).
- 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).
- Insert the carters in the horizontal bar, first the one with the sticker (3), then the other one without (4). Join the bar with the hinged side mechanism (2) inserting also the connection pipe (6) before refastening the mechanism at the door. The flattened side of the pipe (6) has to be inserted from hinge side.
- Fasten the connection pipe (6) from the hinge side inserting the blocking pin (6b) in the provided hole in the connection pipe (6) and fastening with the 2 seeger rings (6c).
- Maintaining pulled the horizontal bar (8) cut the connection pipe (6) leaving it protruding for about 5mm from the operating bar (8). Insert then the pin (6a) in the connection pipe by means of the hexagonal key S3 (9). The pin has to be fastened until the holes for the blocking pin (6b) are centered.

Insert then the blocking pin (6b) in the hole of the connection pin (6a) and fastening it with the 2 seeger rings (6c).





- 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.
- Finish fastening the half cylinder (11), insert the little cap hole (20) in the open hole of the panic safe lock (24).
-  - Push the Slash BSP panic bar at any point along the horizontal bar, checking to ensure that the latch bolt 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 stainless steel doorknob (22), it is also necessary to fasten the installation plate (22a) using the self-tapping screws Ø4,2x13mm (21) and their toothed washers (19) after drilling holes in the metal panel with the Ø2mm drill bit. Insert the cover plate (22b) onto installation plate (drw. 2). Using the S2 hex key (13), unscrew the screws (30) until the cover become fixed, avoiding any deformation (drw. 3).
- If present, the cover (27) has to be clipped on manually at the hole-covering base plate (26).
- 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 doorknob 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 BSP 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.

