

Care Instructions

Adjustment Hinges

Disposal of electrical components

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CLEANING INSTRUCTIONS

The external surface of FENIX NTM[®] involves the use of nanotechnology and it is characterized by next generation acrylic resins, hardened and fixed with Electron Beam Curing process. With low light reflectivity, its surface is extremely opaque, anti-fingerprint and features a very pleasant soft touch. Besides the main features, such as the thermal healing of microscratches, this innovative material stands out for specific properties which facilitate normal cleaning and do not require particular maintenance. In fact, it is extremely easy to clean and is resistant to mold, it has enhanced anti-bacterial properties, it is resistant to rub, scratches and abrasion, as well as to acid solvents and household reagents.

GENERAL PRECAUTIONS

For best results in cleaning FENIX NTM, it is important to remember certain precautions:

- although very durable, the surface of FENIX NTM must still never be treated with products containing abrasive substances, abrasive sponges or unsuitable products, such as sandpaper or steel wool;
- products with a high acid or very alkaline content should be avoided because they can stain the surface;
- when using solvents, the cloth used must be perfectly clean so as not to leave marks on the FENIX NTM surface.
- avoid furniture polishes and wax based cleaners in general, because they tend to form a sticky layer on the dense FENIX NTM surface, to which the dirt adheres.

Type of dirt



Syrup, fruit juice, jam, spirits, milk, tea, coffee, wine, spirits, soap and ink.

Recommended cleaning instructions



1. REMOVE any stain with a degreaser and coarse microfiber cloth.



2. RINSE thoroughly using a fine microfiber cloth and warm water.



Animal and vegetable fats, sauces, blood, eggs, smoke, gelatine, vegetable and vinyl based glues, organic waste, gum arabic.



1. REMOVE with kitchen roll.



2. REMOVE any stain with a degreaser and coarse microfiber cloth.



3. RINSE thoroughly using a fine microfiber cloth and warm water.



Hair spray, vegetable oil, biro and felt tip, pens, wax, foundations and greasy make-up, residual solvent marks, nail polish, spray lacquer, linseed oil, neoprene glues, traces of silicone, lime deposits.



1. REMOVE using kitchen roll soaked in nail polish remover (acetone).



2. REMOVE any stain with a degreaser and coarse microfiber cloth.



3. RINSE thoroughly using a fine microfiber cloth and warm water.



MAINTENANCE

The everyday use of a melamine foam is recommended for the proper regeneration of the material.

fenixntm.com

MAINTENANCE INSTRUCTIONS

ORDINARY MAINTENANCE

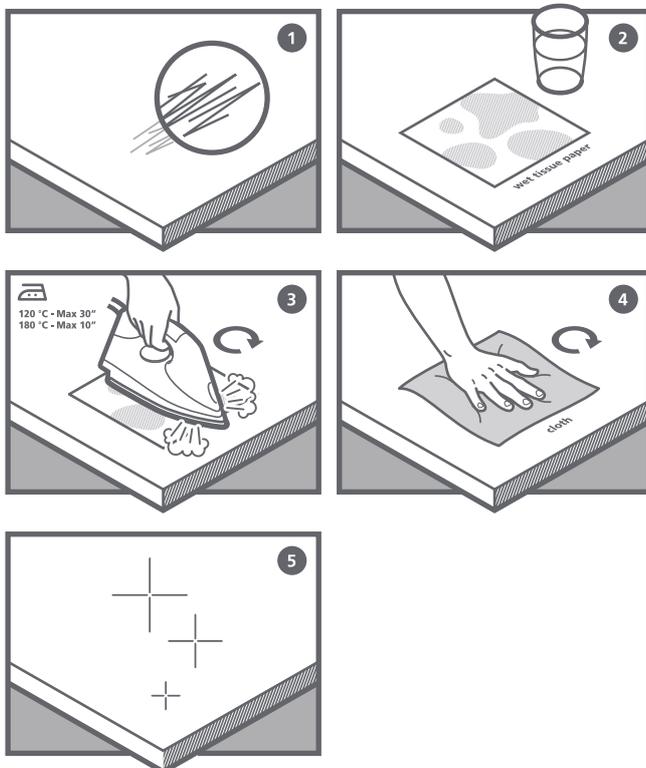
FENIX NTM[®] surface should be cleaned regularly but does not require any special maintenance, just a damp cloth with warm water or mild detergents. Almost all normal household cleaning products or disinfectants are perfectly well tolerated. It is suggested to use a melamine foam sponge - also known as magic sponge - for the normal cleaning and maintenance of the surface.

EXTRAORDINARY MAINTENANCE

In case of dirt which cannot be cleaned with normal household detergents, due to the irregular topography and closed surface of FENIX NTM, the use of non-aggressive aromatic solvents (acetone) is suggested. In case of micro scratches, please refer to the specific surface thermal healing instructions.

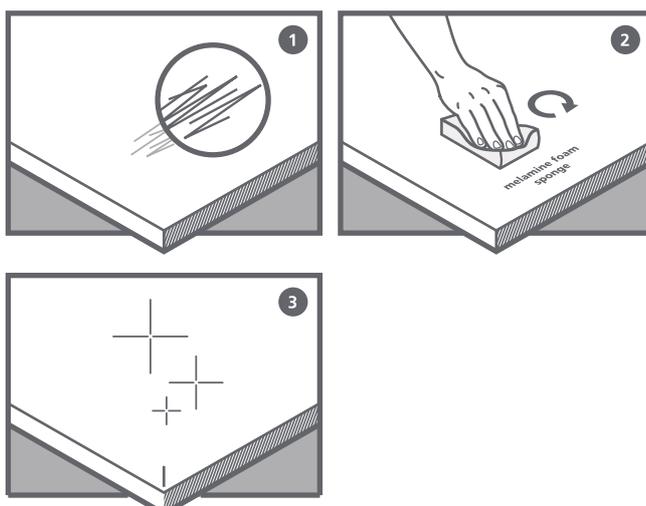
DAILY MAINTENANCE TIPS

The everyday use of a melamin foam is recommended for the proper regeneration of the material.



Maintenance instructions IRON

1. Superficial defects caused by micro-scratches.
2. Place a dampened kitchen roll sheet on the area where the micro-scratches can be seen.
3. Position the heated iron onto the surface that needs to be repaired. Do not leave the iron on the part of the surface for more than 10 seconds.
4. Rinse the repaired area with lukewarm water and microfiber cloth.
5. The surface should now be healed.



Maintenance instructions MELAMINE FOAM

1. Superficial defects caused by micro-scratches.
2. Rub a melamine foam sponge on the area where the micro-scratches can be seen. The sponge can be used dry or slightly damp.
3. The surface should now be healed.

Characteristics of CERAMIC

- **Resistant to chemicals:** porcelain ceramic is resistant to organic and inorganic solvents. Disinfectants and cleaning agents do not damage the surface. It can easily be cleaned and the surface properties are at the same time preserved. The only substance that can harm porcelain ceramic is hydrofluoric acid.
- **Hygienic:** porcelain ceramic is absolutely food safe as no substances evaporate. Fungi, bacteria and mold cannot penetrate the surface.
- **Easy to clean:** porcelain ceramic can easily be cleaned with standard cleaning agents.
- **Fire-resistant:** porcelain ceramic consists of 100% non-organic materials and is classified as non-flammable material. In case of fire porcelain ceramic does neither develop smoke nor emit toxic substances.
- **Heat-resistant:** also under the effect of heat the form and surface of porcelain ceramic remain stable.
- **Frost-resistant:** porcelain ceramic is frost resistant and can cope with all atmospheric and climatic conditions. Porcelain ceramic does hardly absorb any moisture (coefficient close to 0)
- **Scratch-resistant:** porcelain ceramic has an abrasion-resistant and absolutely scratch-resistant surface, MOHS-hardness = 8 (industrial diamond = 10). Therefore its characteristics don't change after intensive use and frequent cleaning.
- **UV-resistant:** since porcelain ceramic does not contain organic pigments it is absolutely UV-resistant.
- **Environmentally friendly and recyclable:** porcelain ceramic is a 100% natural product and is made from the same raw materials as standard china ware. It does not pollute the environment and can easily be ground and recycled for other production processes.

- **Important information concerning product properties:**

Production-related colour deviations, dots on surface or edge, pigmentation spots, raisings/pits and stripes, depending on incidence of light, which correspond to recognized quality standards are no causes for complaint.

CERAMIC Cleaning Recommendation

Fresh stains can easily be removed with a damp microfiber cloth and possibly with cleaning agent.

Recommended cleaning agents for dried or persistent stains:

- Cif or Vim
- cleaning sponge

Procedure:

- rub in the cleaning agent with a little water in a circle on the porcelain ceramic with the cleaning sponge.
- let sit for a couple of minutes
- then rinse with a microfiber cloth.

Inappropriate cleaning agents:

- cleaning powder (leaves residues)
- glass cleaner (too weak against grease and lime residues).

BLACK STEEL Cleaning Recommendation

Cleaning:

- Clean only with a damp cotton or microfiber cloth and rub dry. The sealing repels water. But no water should be left on the surface.
- Do not use scouring sponges.
- Do not use solvent-based, fat-dissolving or aggressive cleaners.

Maintenance:

- If needed for refreshing rub in a furniture wax with a soft cloth - thinly and evenly. Wipe off after 2-3 minutes.

Stability:

- The sealing is not scratch-resistant or shock-resistant.

Colour Stability:

- The steel is UV-resistant and maintains its colour.

Care Instruction

1. Product Information

Veneer is a natural material. Even if produced from one trunk there are natural differences in colour and structure, which characterize real wood veneer.

For that reason it cannot be guaranteed that furniture and colour sample will be exactly matching. Permanent light exposure will change the tone of veneer surfaces; later orders will generally come with colour differences. Therefore please protect your furniture from long direct exposure to sun and halogen light.

Compared to synthetic materials, veneer is soft and has different densities depending on the kind of wood which will also influence the resistance of the surface.

These mentioned facts cannot be accepted as a reason for complaints.

Generally veneer surfaces need special care.

2. Care of wood and lacquered surfaces

For daily care it is sufficient to dust with a soft and moist cloth.

With normal use it is sufficient to clean the surfaces from dirt once or twice a year with a moist leather cloth. Caution: always wipe in direction of the wood fibre and dry with a soft cloth. For moistening use water with just a little quantity of washing-up liquid or glass detergent. Never use abrasives or sanitary detergents.

Afterwards dry the moist surface with a soft, clean cloth in the direction of the wood fibre.

Please avoid strong rubbing; this could result in different shines.

3. Care of high gloss surfaces

For cleaning high gloss surfaces we recommend to use warm water with little quantity of glass detergent.

Dirt can easily be removed with a soft and moist cloth. Afterwards dry the cleaned and still moist surfaces with a clean and soft cloth.

Caution: Using a dry duster (cloth) on a dry surface will result in scratches. Always thoroughly rinse the used cleaning cloths. Do not use aggressive detergents.

4. Care of glass

Slight staining can be removed with a damp microfiber cloth, window cloth or dirt eraser. If cloth is only slightly dampened with clear water, it is not necessary to wipe dry. Fingerprints and slight grease stains can be removed with regular glass detergent; afterwards wipe dry. No detergent residues should remain which can affect the brilliance of the surface. Lime residues can be removed with regular detergents such as vinegar cleaner. Heavy grease stains, e.g. from cooking, can be removed with multi-fat solvents.

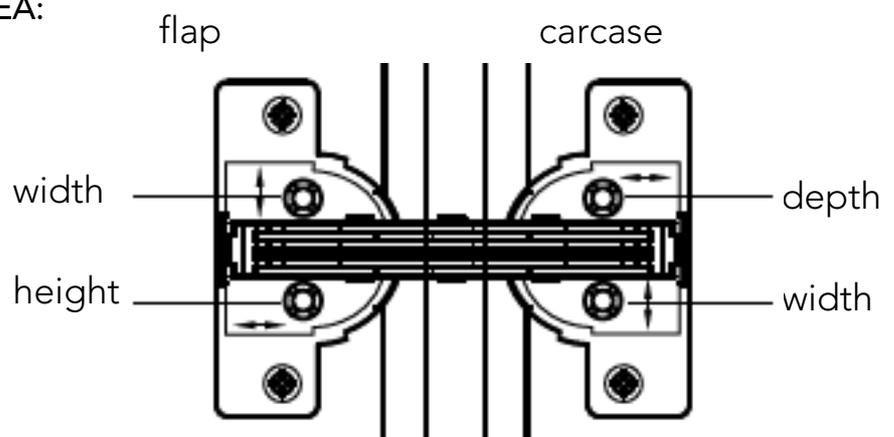
Stains can more easily be removed after a couple of minutes than after several hours. For dried stains you can use the same detergent, but you need to apply more pressure. But it is important not to use abrasive sponges.

For all detergents please observe the instructions of the manufacturer. Steel wool and other abrasive detergents must not be used on satined surfaces.

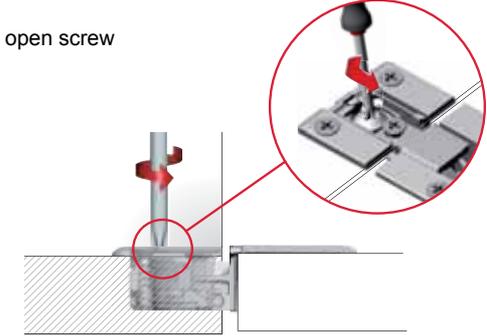
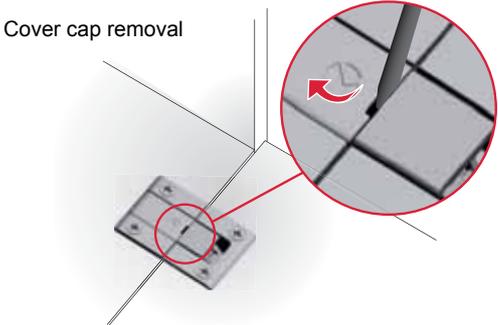
Adjustment of flap hinges ALEA:

possible adjustment:

height adjustment 3mm
width and
depth adjustment 1,5mm

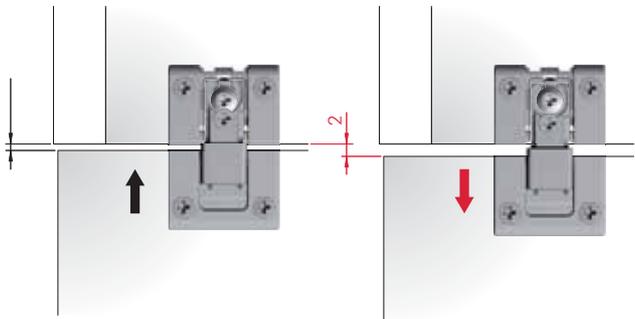


Adjustment of flap hinges SOMA, possible adjustment



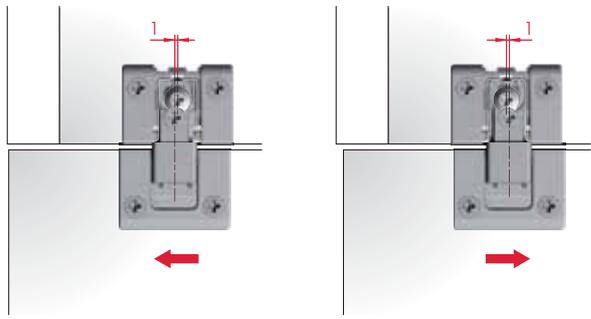
In-depth adjustment 0+2mm

⚠ To be made before locking screw operation ⚠



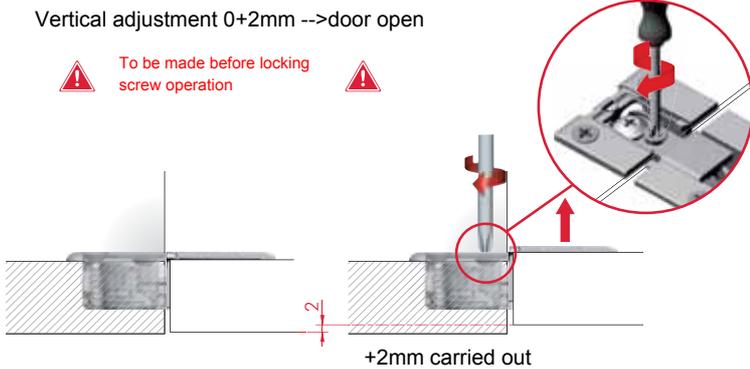
Lateral adjustment 0 +/-1mm

⚠ To be made before locking screw operation ⚠

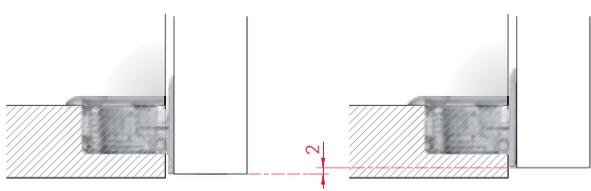


Vertical adjustment 0+2mm -->door open

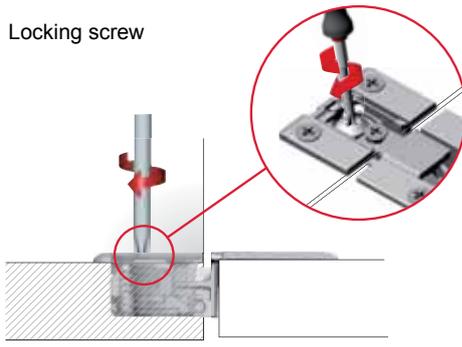
⚠ To be made before locking screw operation ⚠



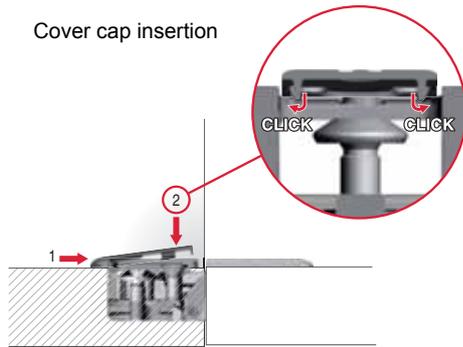
-->Door closed



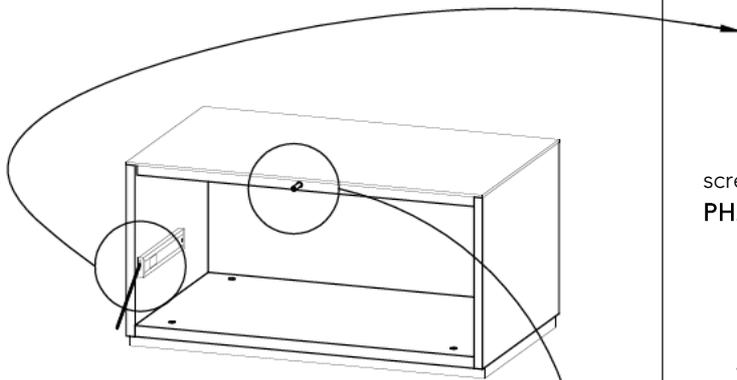
Locking screw



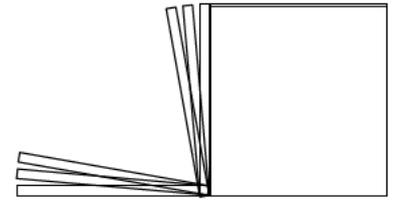
Cover cap insertion



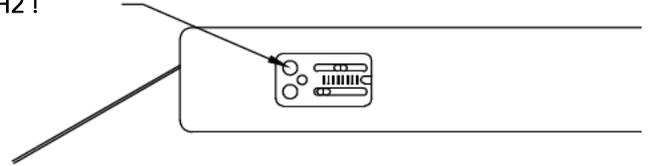
adjustment of flap hinge:



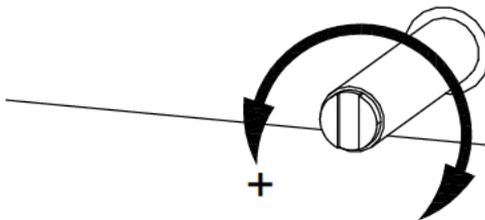
opening force



screwdriver
PH2 !

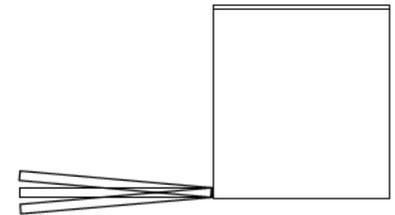


adjustment of Quickout

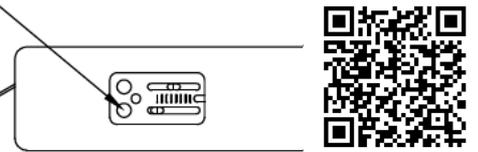


+ increase trigger distance
- decrease trigger distance

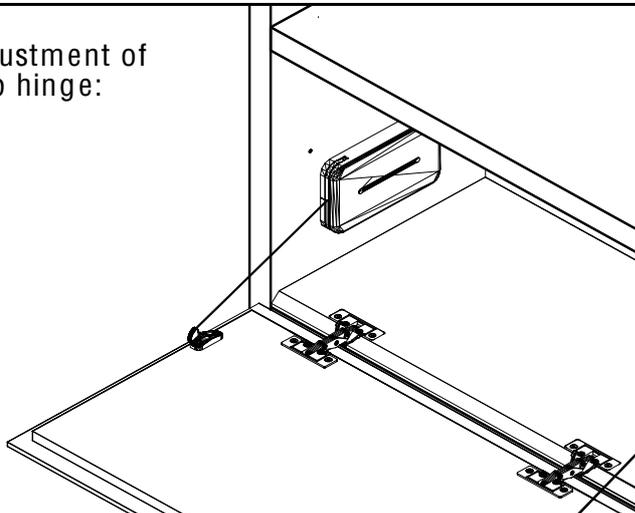
adjustment of
opening angle



screwdriver
PH2 !



adjustment of
flap hinge:

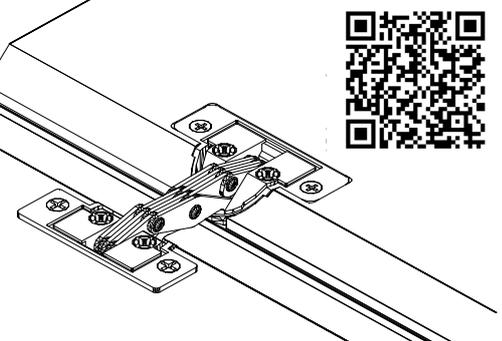
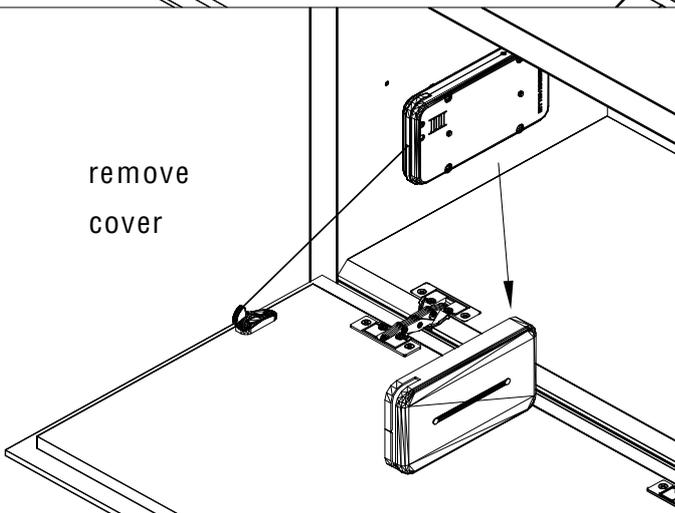


top: adjust
opening angle

bottom: adjust
opening force

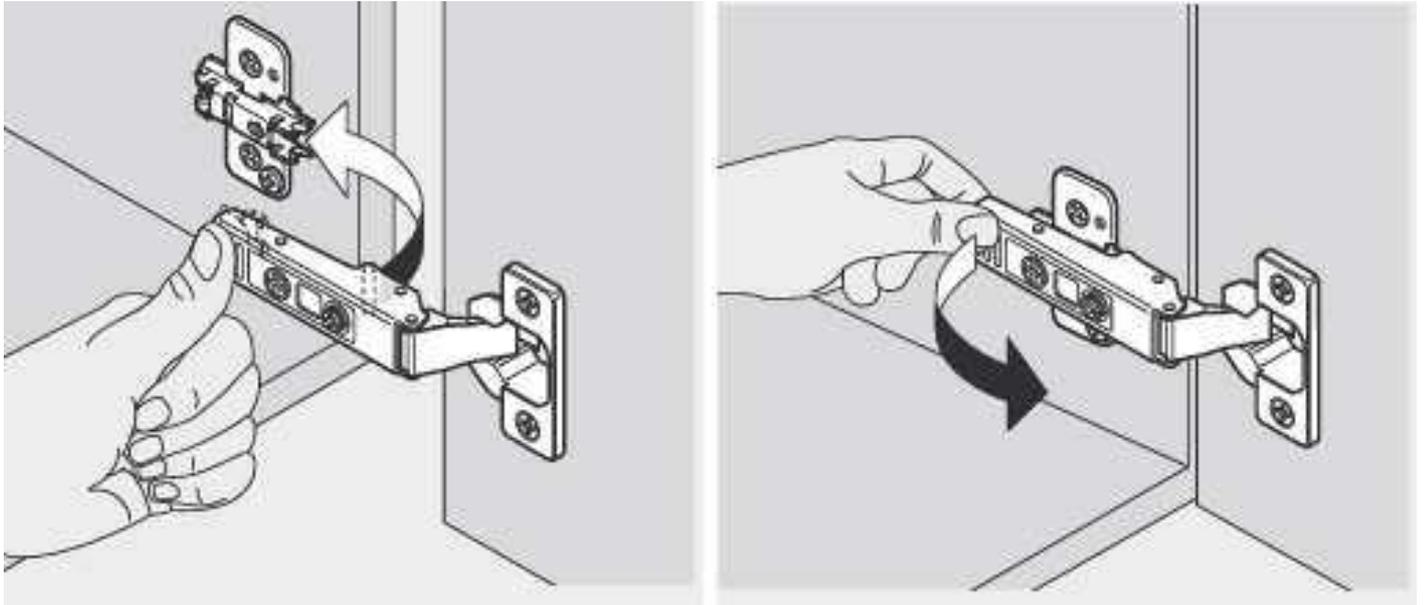
screwdriver
PH2 !

remove
cover

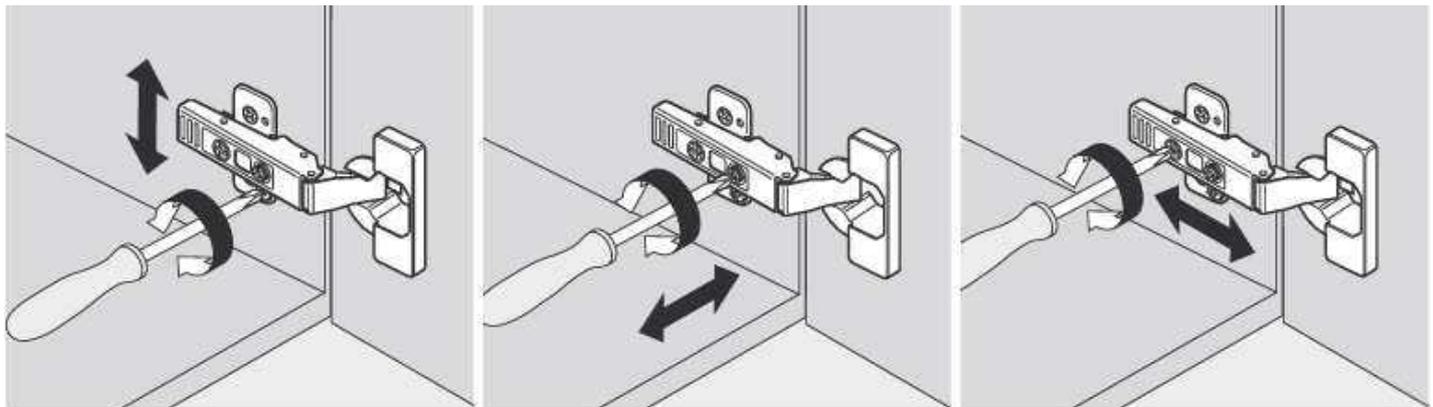


Adjustment of doors SOMA / MIO:

Mounting and demounting of doors:

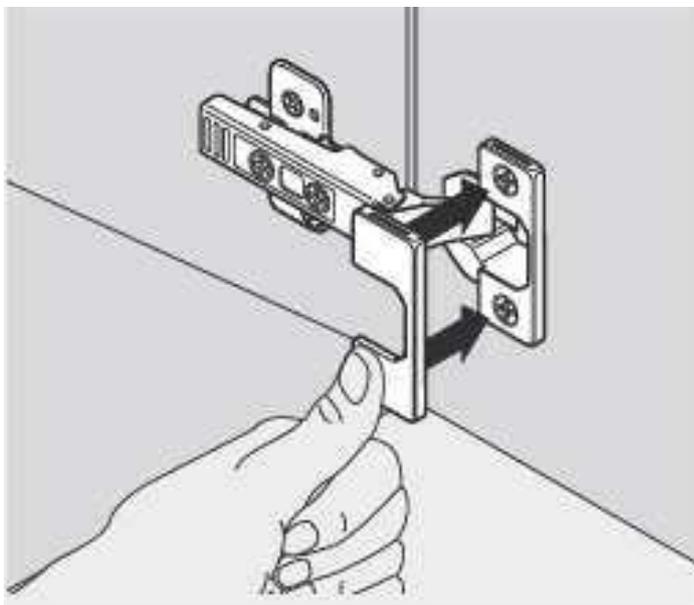


Hinges can be adjusted in width, depth and height:

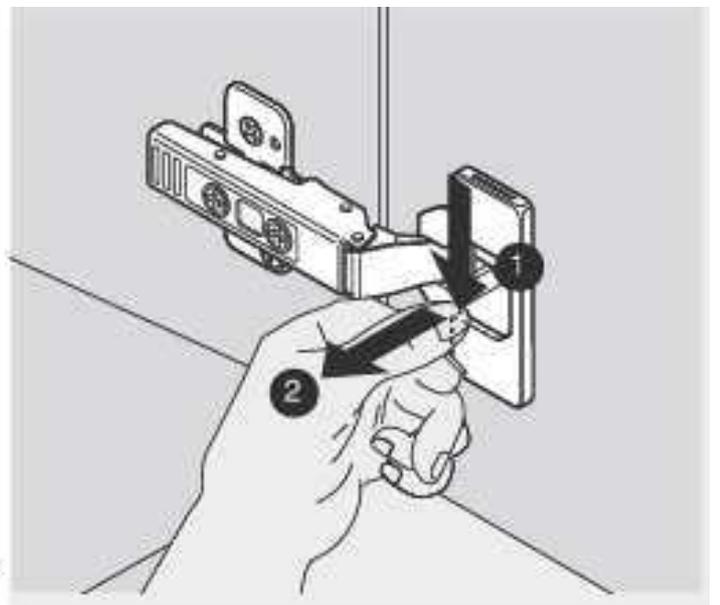


Hinge cover

Mounting:



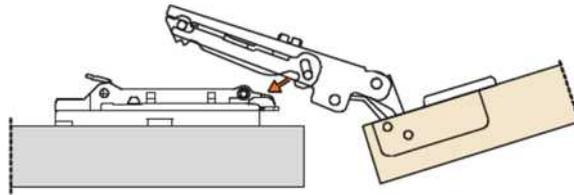
Demounting:



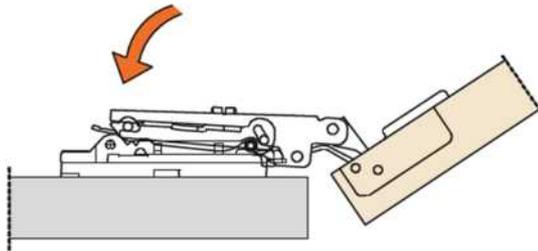
Adjustment of doors ALEA

Mounting and demounting of doors:

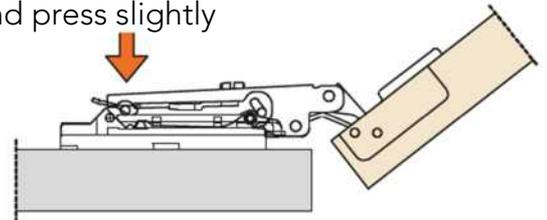
put arm of hinge
onto plate



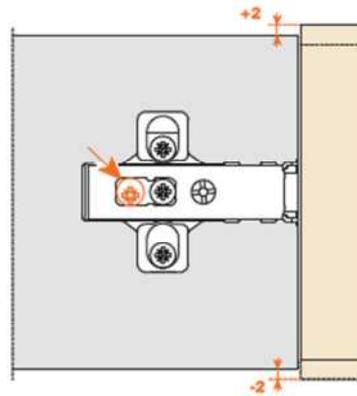
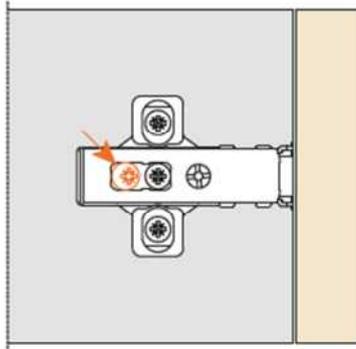
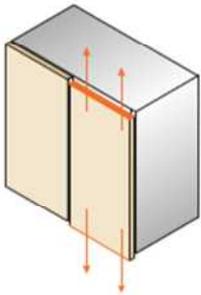
clip on



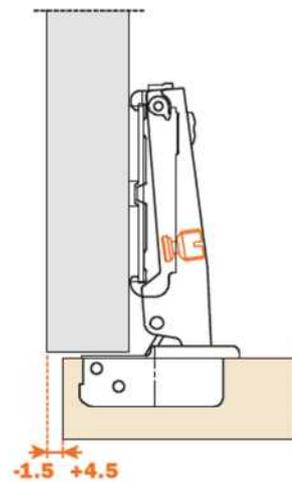
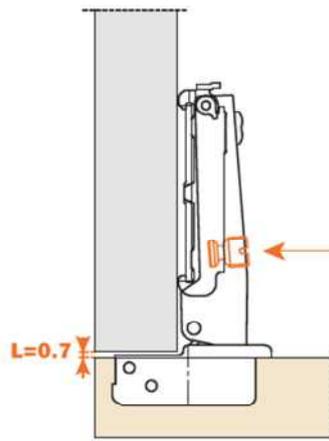
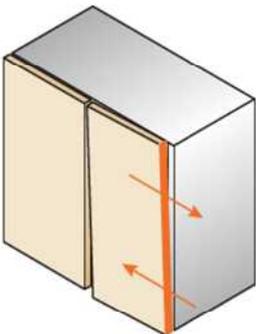
and press slightly



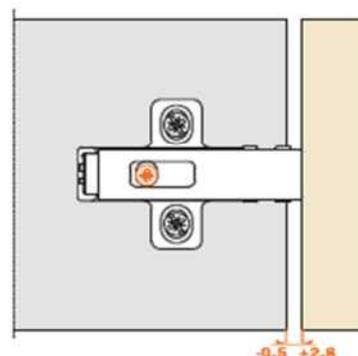
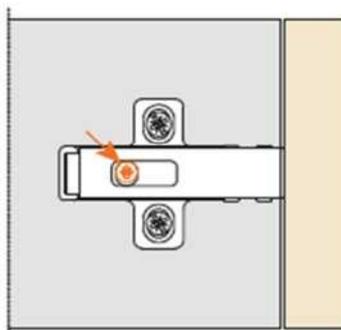
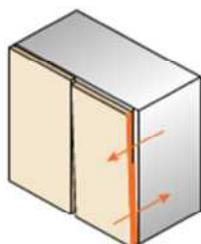
height adjustment:



lateral adjustment:

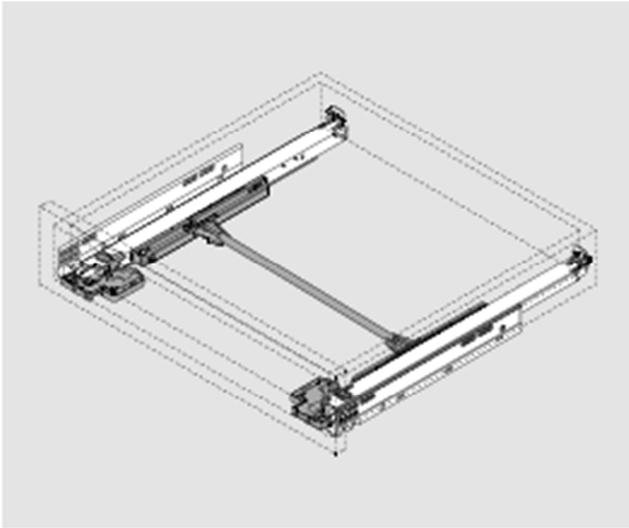


depth adjustment:

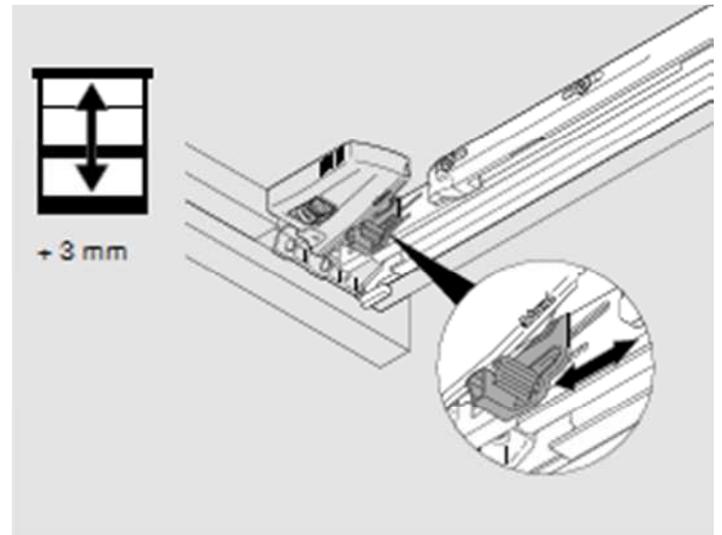


Adjustment of drawers

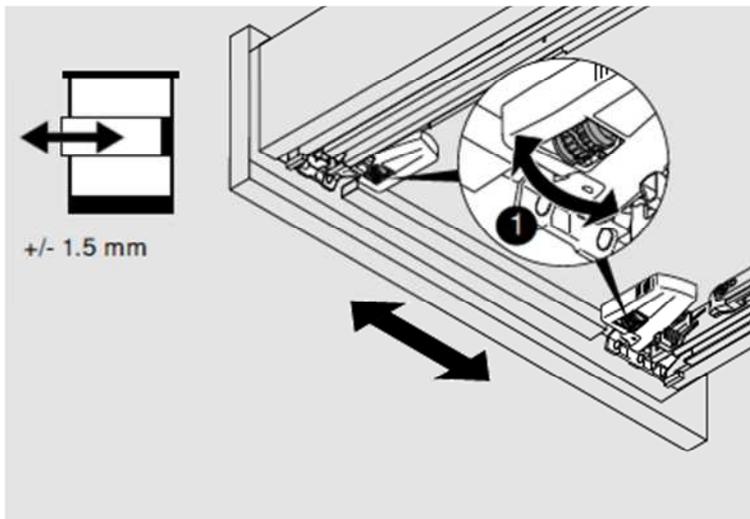
overview:



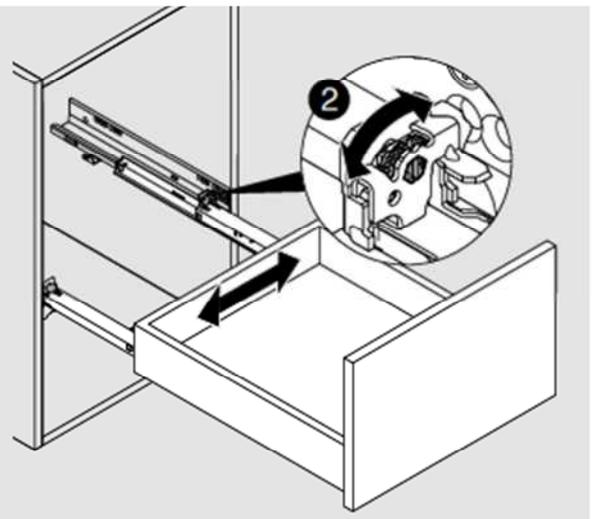
adjustment of height:



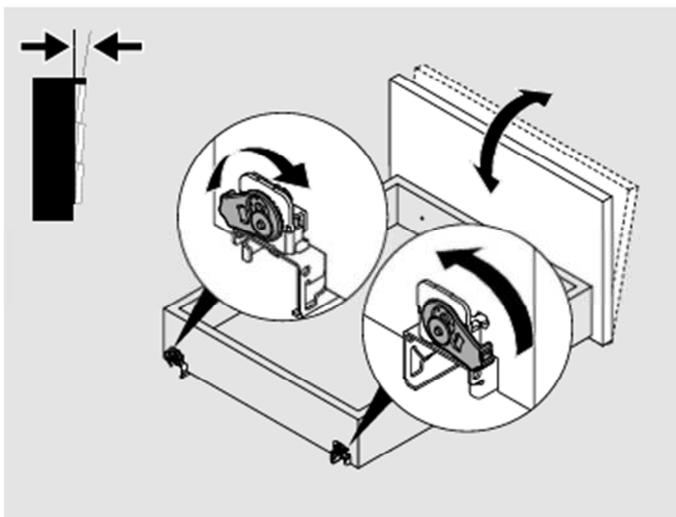
lateral adjustment front:



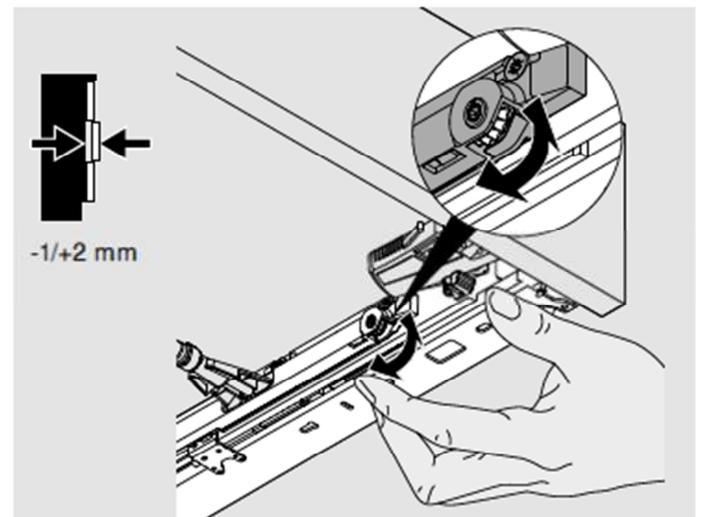
lateral adjustment back:



adjustment of inclination:

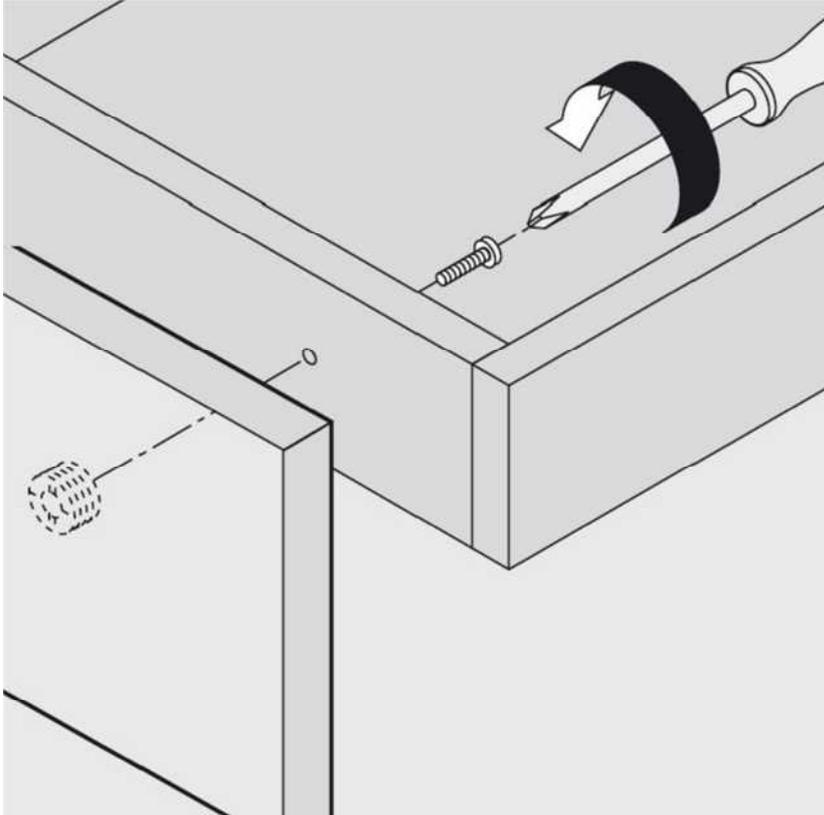


adjustment of depth:



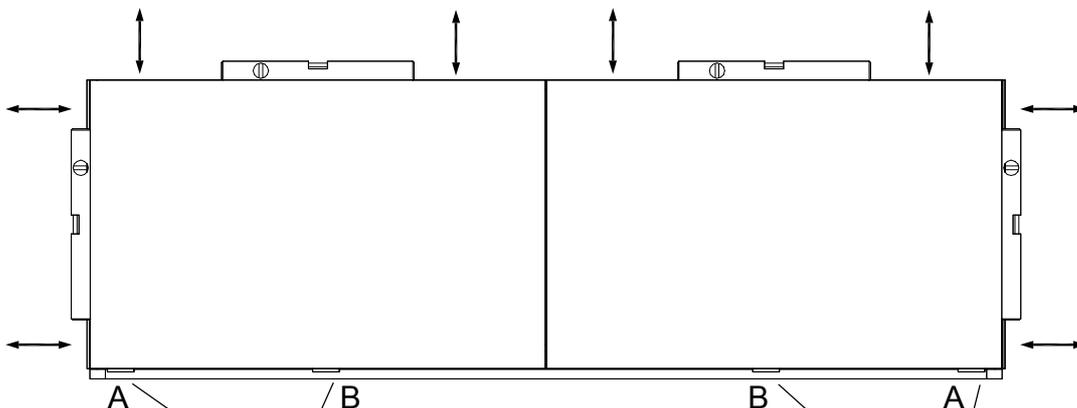
Additional adjustment possibility for drawers:

- loosen all screws on front.
- then front part can be adjusted in all directions by approx 2mm.



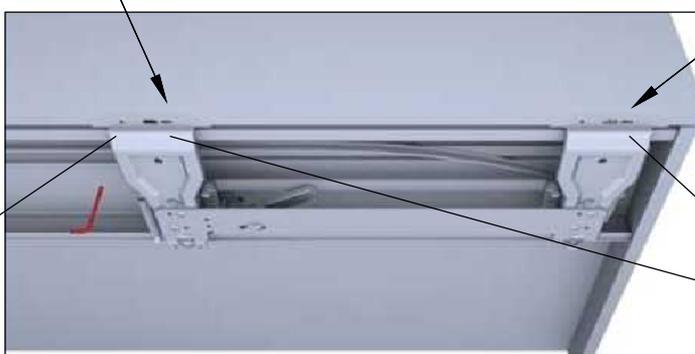
Adjustment of sliding door cabinet

Align height of sliding doors

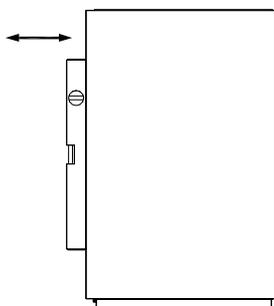


The width of the sliding doors can be adjusted with the **left** adjustment screw (only in alignment bracket B).

The height of the sliding doors can be adjusted on both alignment bracket (A+B) with the **right** adjustment screw.



Adjust camber of sliding doors



Camber of sliding doors can be adjusted at upper guide angle:

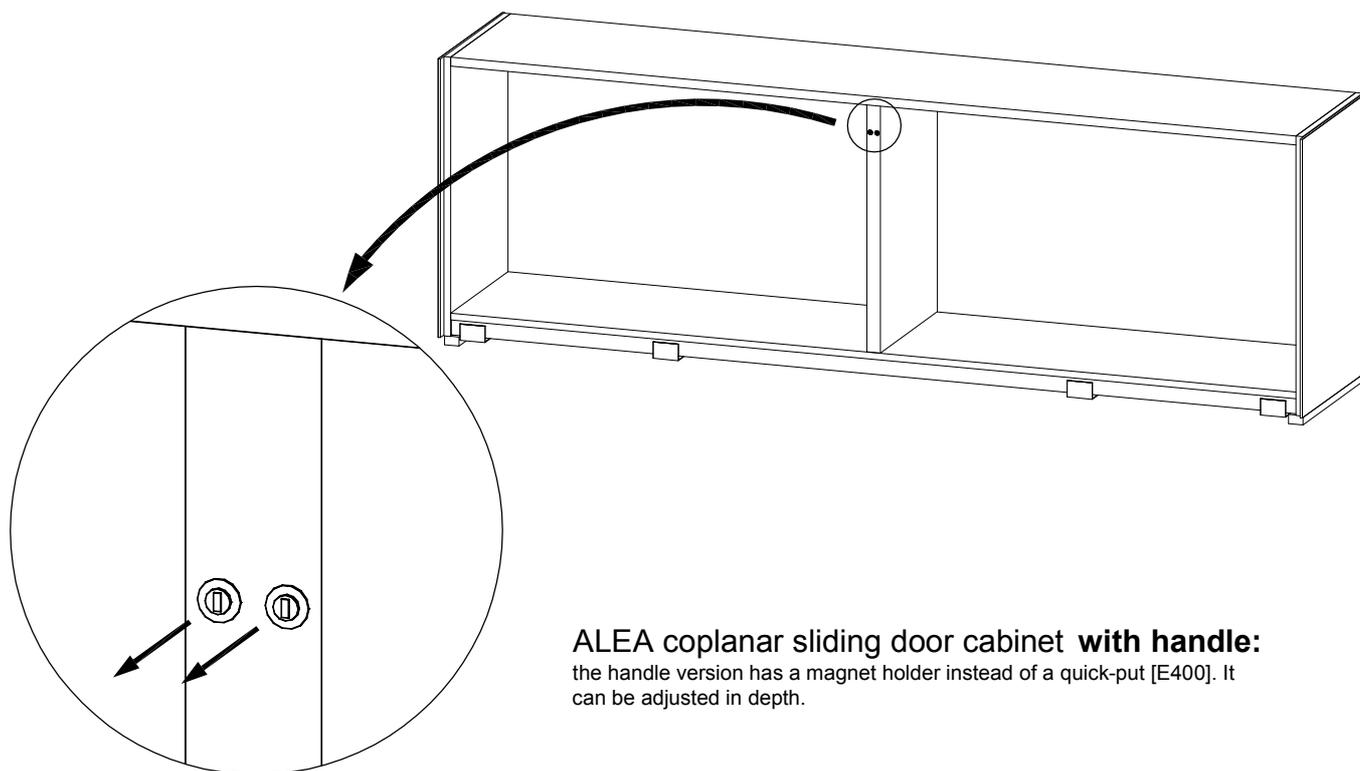
Screw extender wheel with 3mm allen key and thus adjust depth of horizontal plate



Put protection cap on upper guiding angle

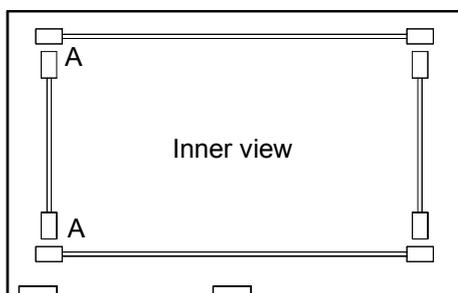


Adjusting Quick-Out [E399] (ejector of the sliding door)



ALEA coplanar sliding door cabinet with handle:
the handle version has a magnet holder instead of a quick-put [E400]. It can be adjusted in depth.

Hinge on sliding door

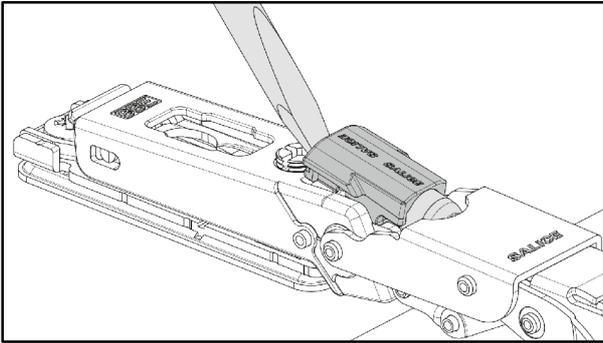


Warped sliding doors can be fixed again with the two hinges at the inside of the sliding doors.
Remove cap (A) and pretension hinge with a spanner wrench size 10 until sliding door is straight again.

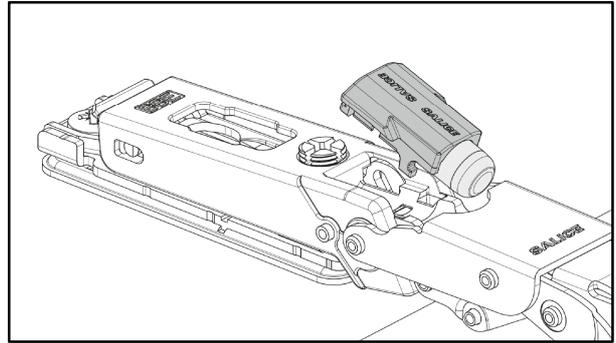
Dismounting Smove

It is possible to change hinges with integrated damper to hinges with closing mechanism by replacing the Smove with the covering.

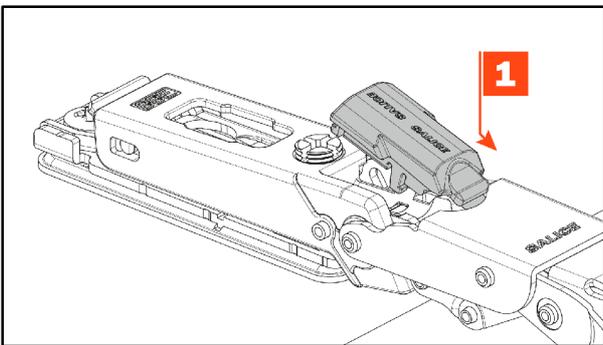
Lift Smove with a slotted screwdriver



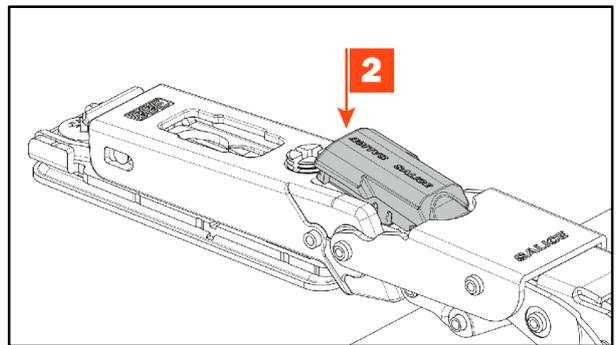
Remove Smove



Insert covering from front



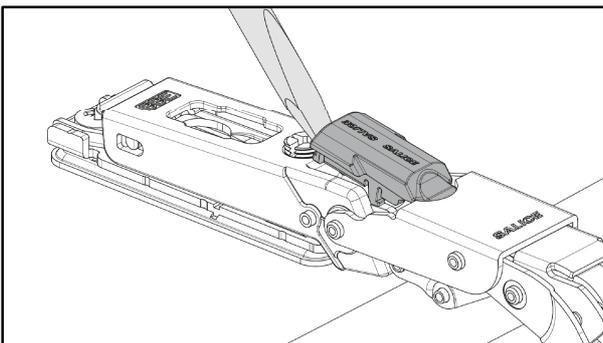
Slightly press on back



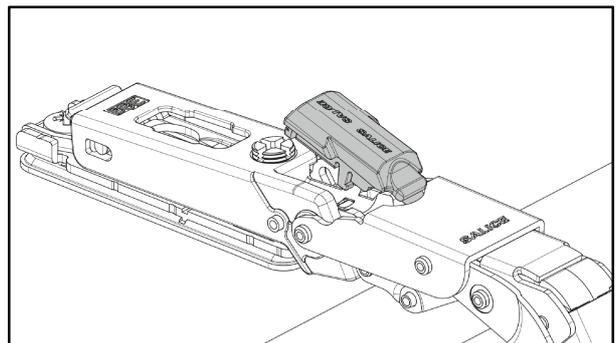
Dismounting covering

It is possible to change hinges with closing mechanism to hinges with integrated damper by replacing the covering with the Smove.

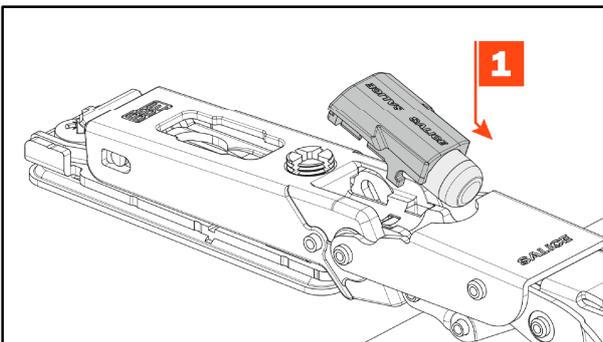
Lift covering with a slotted screwdriver



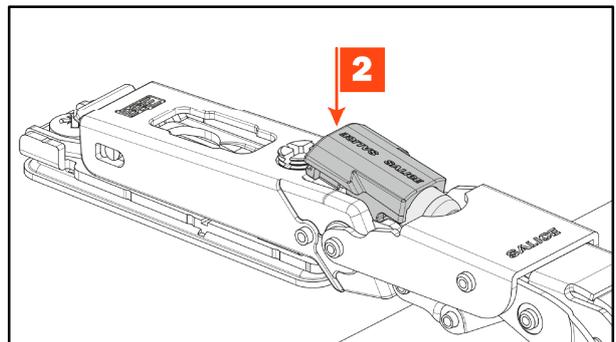
Remove covering



Insert Smove from front



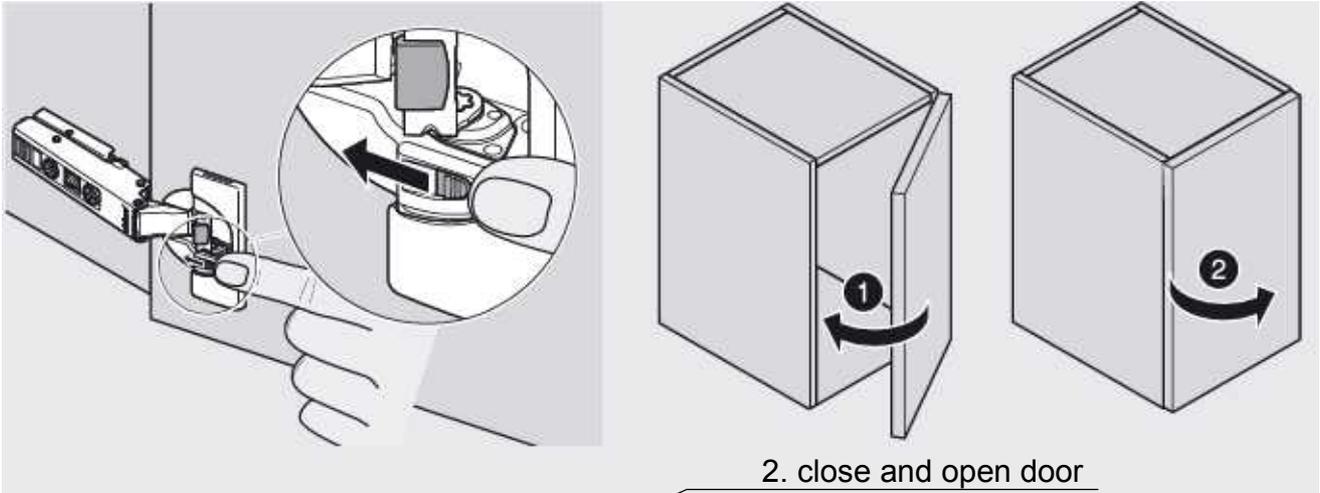
Slightly press on back



Doors with handle (adjust damping of center doors at hinge):

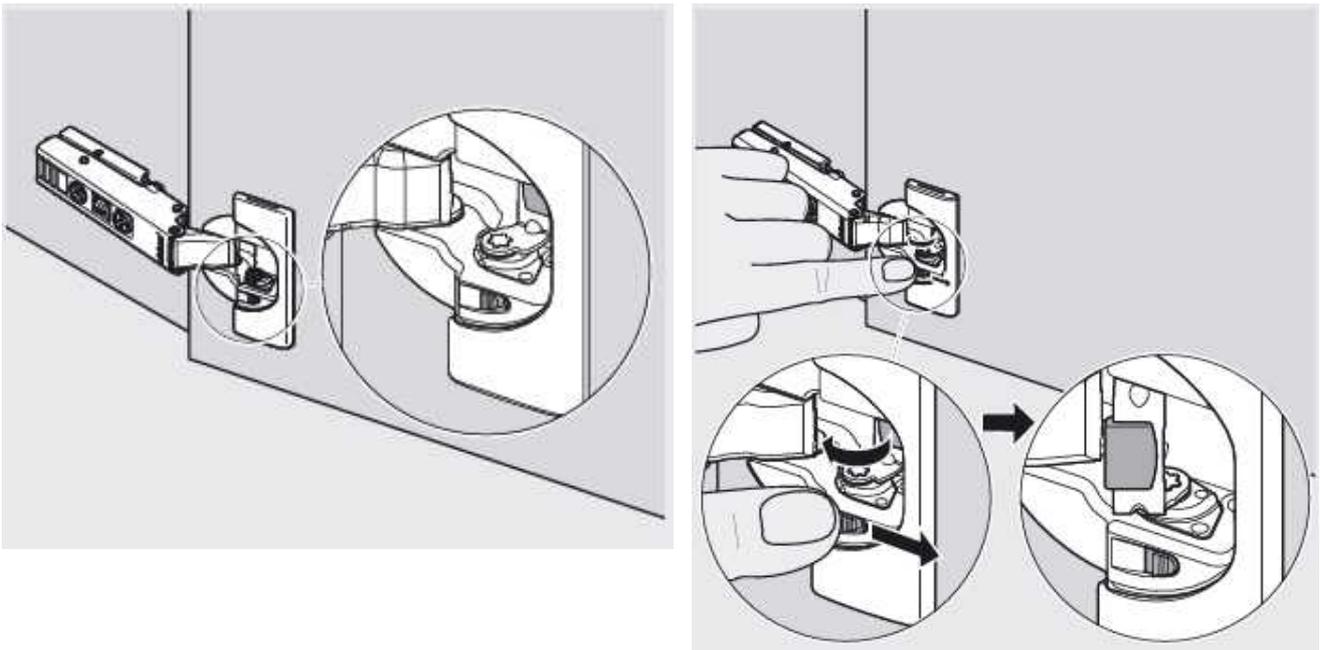
Doors close too slowly:

1. deactivate one or several damping devices

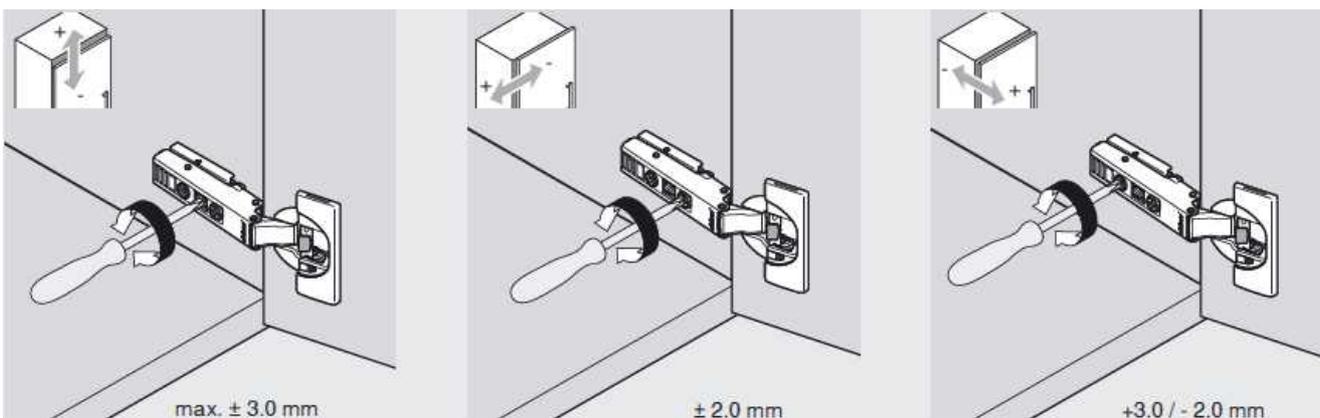


3. = damping is deactivated

doors close too fast:
simply activate damping



Adjustment:



IBEL.AKKU.2

Charge before use! (charger with USB-cable available as accessory)

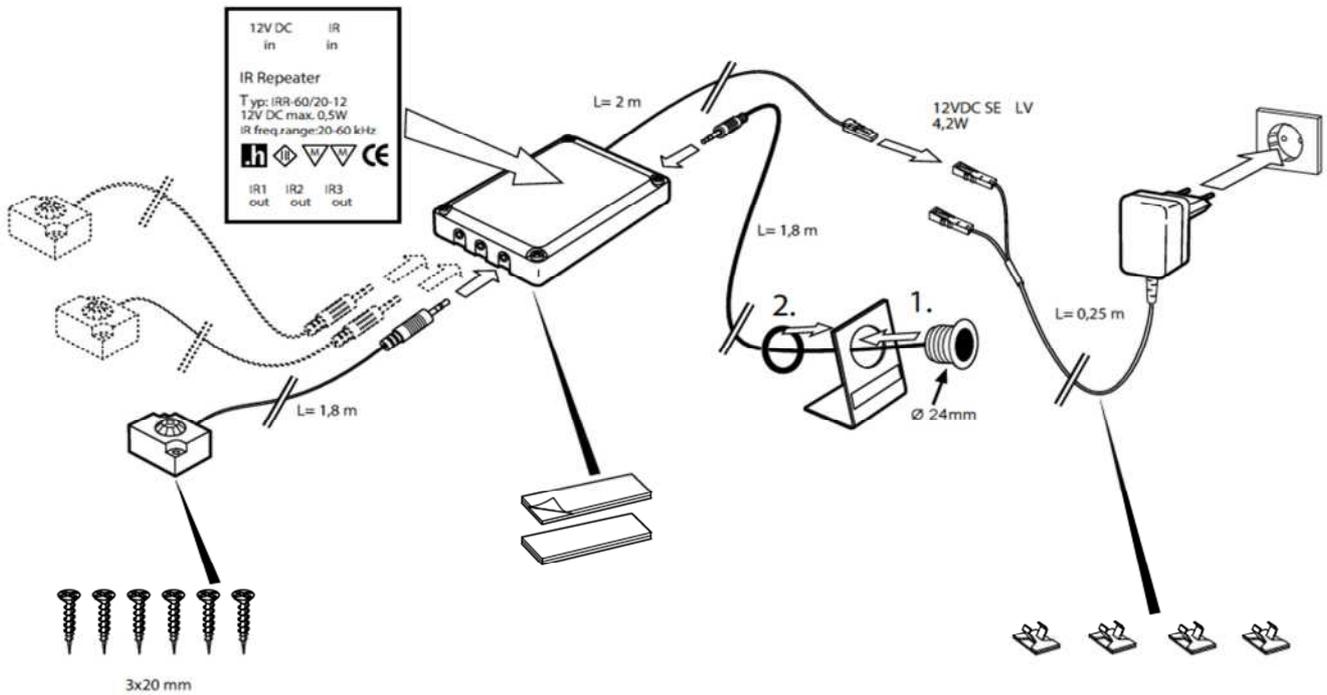
Please remove safety screw and set switch to „*off/charge*“!

Charging time approx. 4 hours.

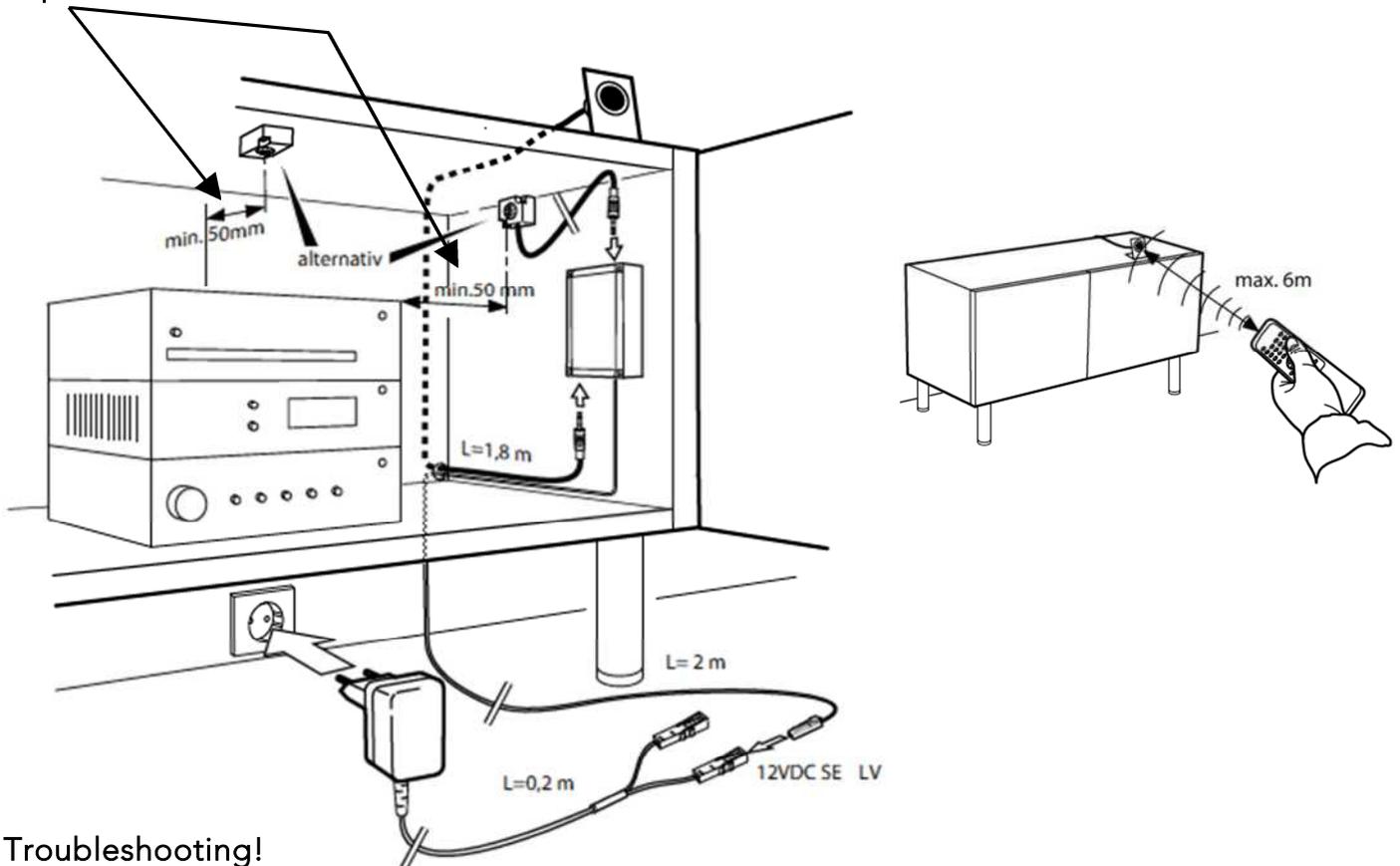


INFRA.FU

infrared amplifier (infrared senders 2 and 3 as accessory)



Important! Distances from infrared sender to be observed



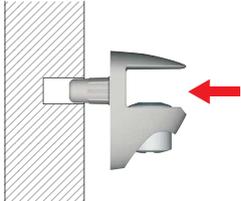
Troubleshooting!

Please first check:

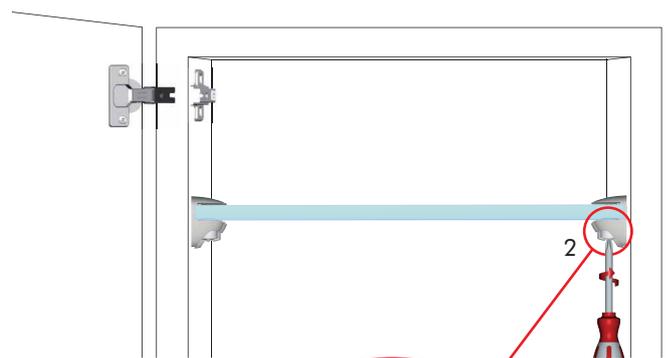
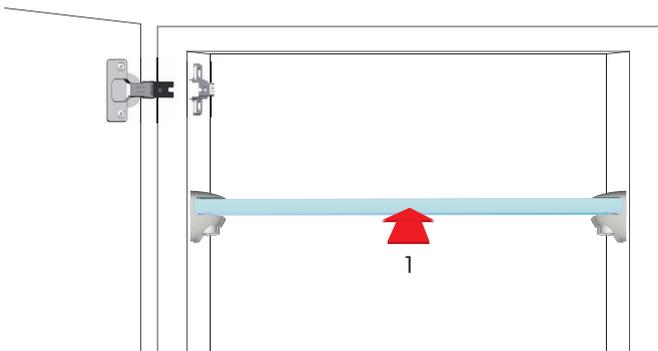
- has distance of 50mm been observed ? (see sketch)
- is battery capacity of remote controll still sufficient?
- Sensor does not receive signal if sun shines onto infrared receiver. (please consider)

mounting/dismounting glass shelf support of glass cabinets

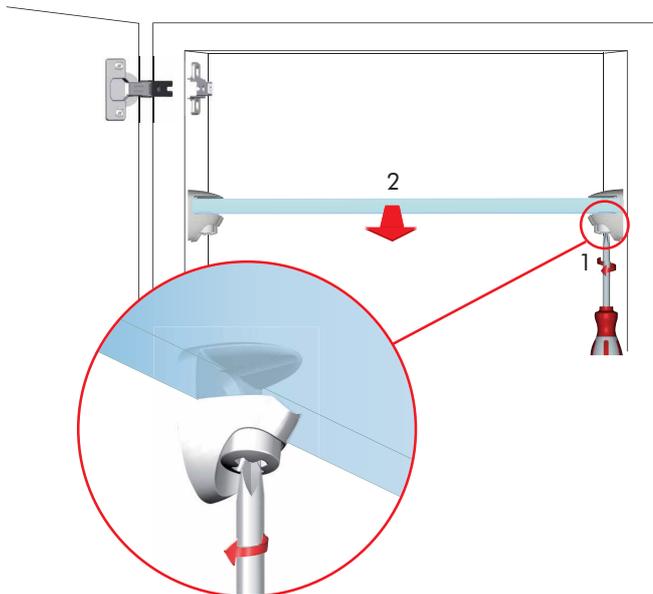
mounting of support with pin



Metric insert in PZ2-screwdriver from
technical plastic cross



Dismounting:



Disposal according to law ElektroG

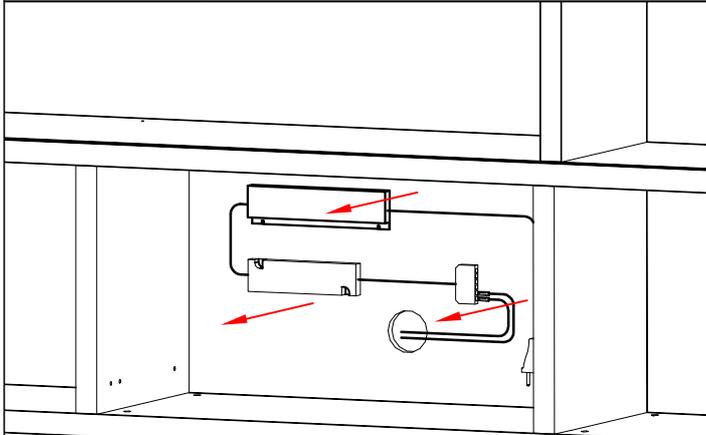
ID: **M902**
Stand: 09.2018

Kettnaker

All electric parts must be separated from the furniture before disposal.



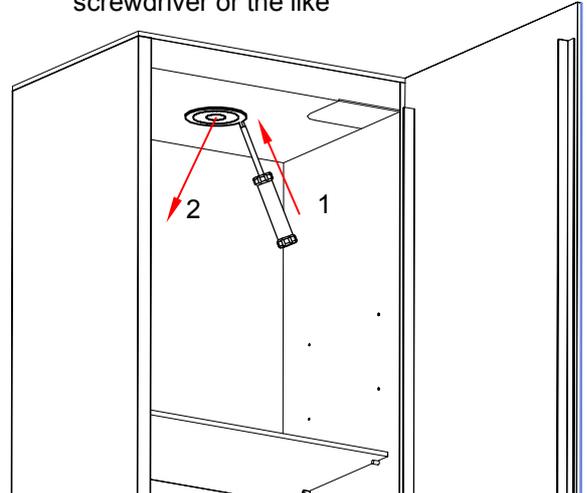
remove electric parts:



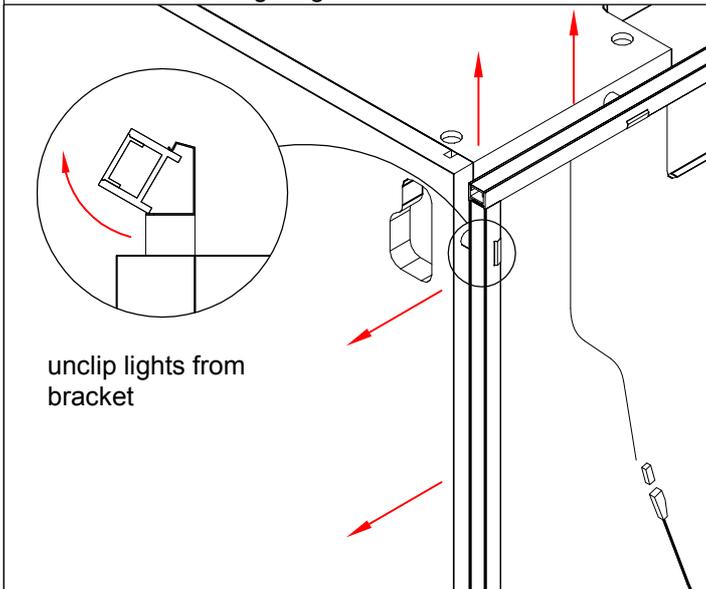
remove transformer / S-Mitter / cable etc. from furniture

dismount built-in lighting:

remove light from drill hole with screwdriver or the like

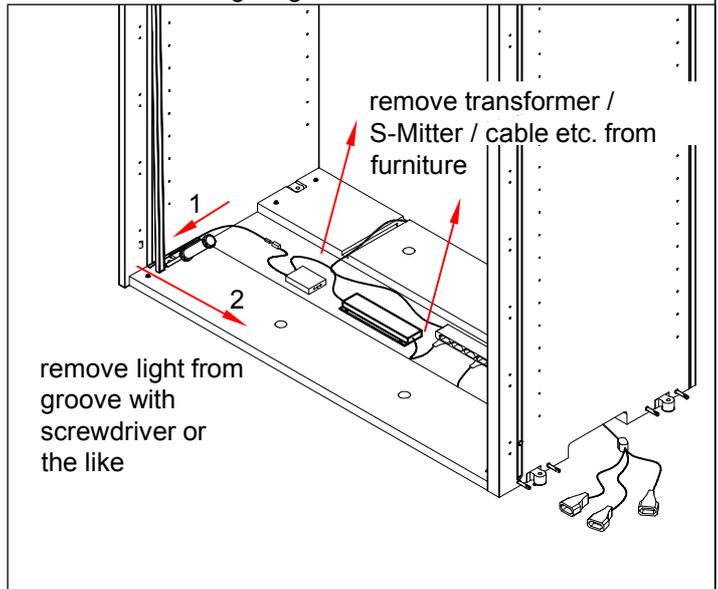


dismount backside lighting:



unclip lights from bracket

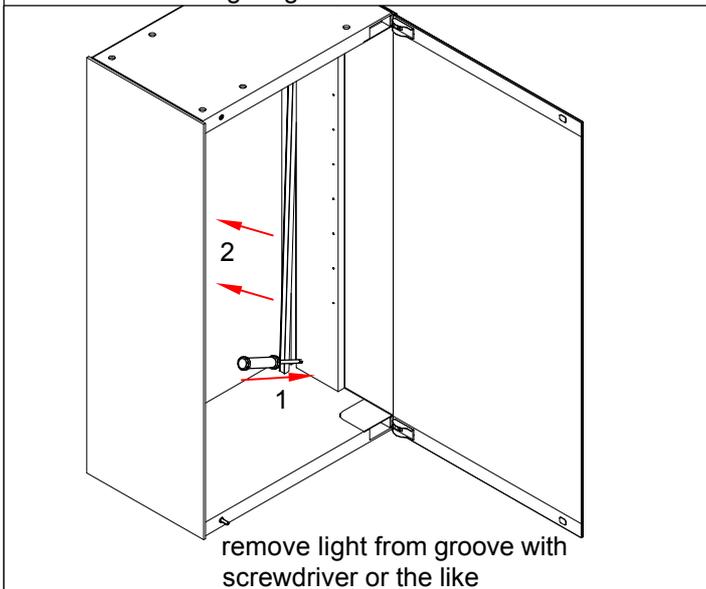
dismount built-in lighting:



remove transformer / S-Mitter / cable etc. from furniture

remove light from groove with screwdriver or the like

dismount built-in lighting:



remove light from groove with screwdriver or the like

Development and design:
Kettmaker-Team
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All rights by
Wolfgang Kettmaker
We reserve the right
to change
technical details,
especially for
product improvement.
Errors excepted.

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