

Fitting Instructions 2012

LEICHT[®]

Handbook for professional fitting of kitchen furniture

For technical and safety reasons, fitting of all furniture elements must be carried out by qualified installers in accordance with the fitting instructions in this handbook. The individual fitting instructions supplied with each unit must also be adhered to.

It is imperative that electrical and plumbing connections are installed only by qualified specialists. Care must be taken to ensure that any alterations to electrical supplies and plumbing connections are always carried out by an authorised electrician or plumber.

Walls to which units are to be fixed must be checked on site. All walls must be checked for hidden wiring or plumbing.

Our fixing materials are only suitable for solid, strong walls. For other types of construction such as wooden constructions, breeze block, plaster board and other lightweight building boards, only suitable fixing materials are to be used (not the materials supplied by LEICHT). Kitchen furniture and fitted elements must not be misused (i.e. drawers and pullouts should not be used as ladders, doors, shelves, worktops and tabletops as cutting boards, hobs for heat purposes, etc.)

Disregarding these fitting instructions may result in incorrect installation, can affect the usefulness and may lead to material damage/ personal injury.

Edition: January 2012

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Dimensions in cm

Installation measurements for appliances (not available in the UK)

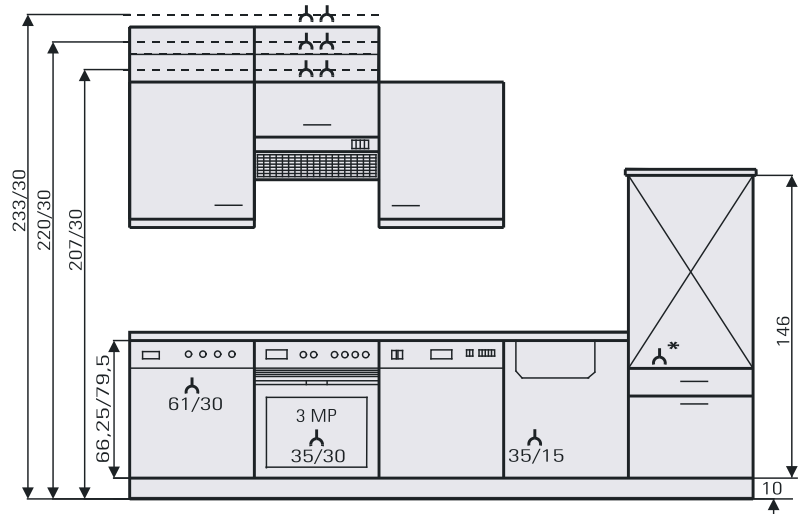
With lower ceilings, plan power sockets in the vicinity of the appliance.

For guidance, special instructions refer to **appliances manufacturer**. Stated measurements are based on a **plinth height of 10 cm**. With plinth height of 16 and 20 cm, please increase measurement. (see manufacturer's instructions).

First measurement
from floor, height in cm

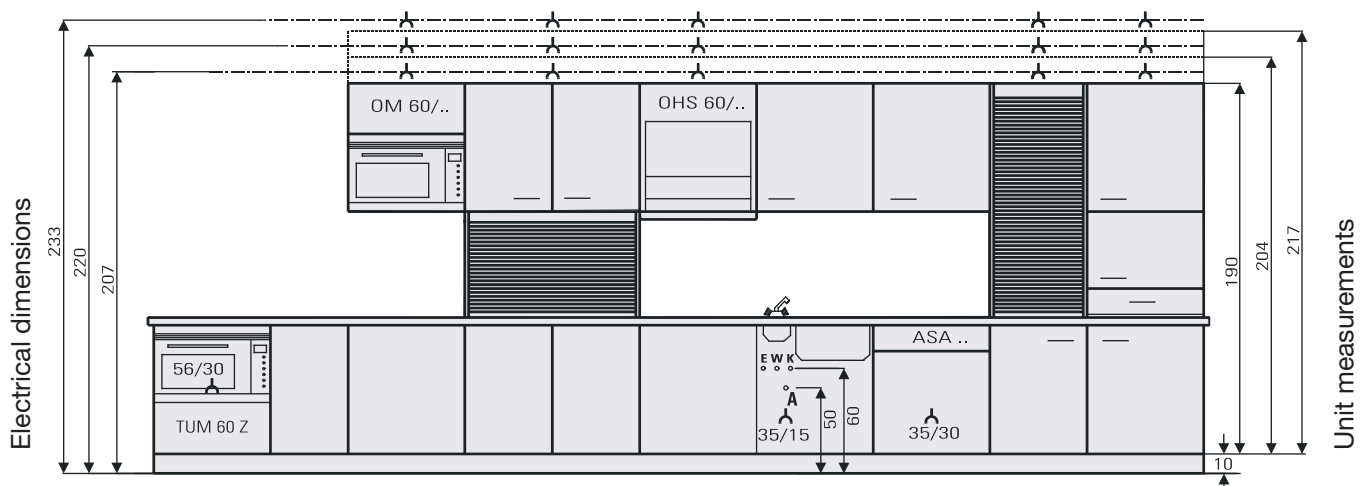
Second measurement
distance in cm from left
cupboard/ appliance edge.

* Installation dimensions to appliance manufacturer's specification



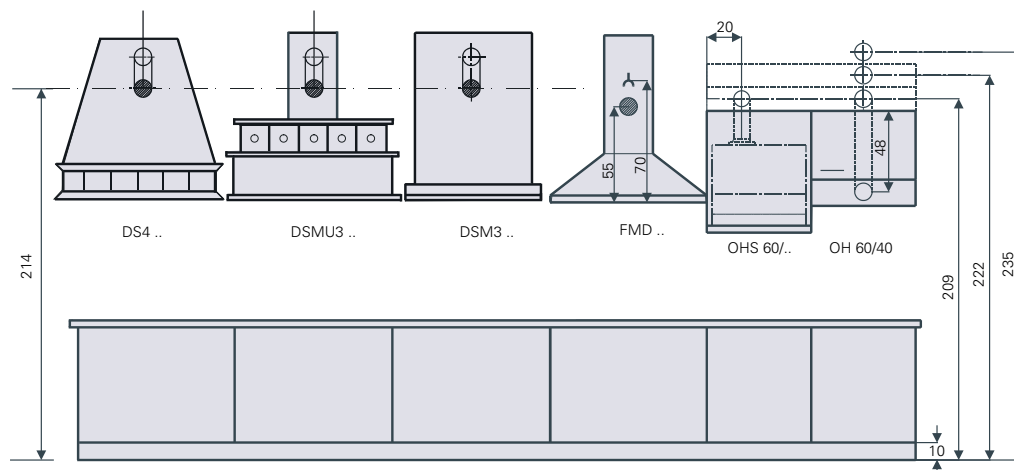
Ducting connections

* Installation dimensions to appliance manufacturer's specification



Ducting connections

We recommend system parts \varnothing 12,5 cm or \varnothing 15 cm for extractors according to manufacturer's specification.

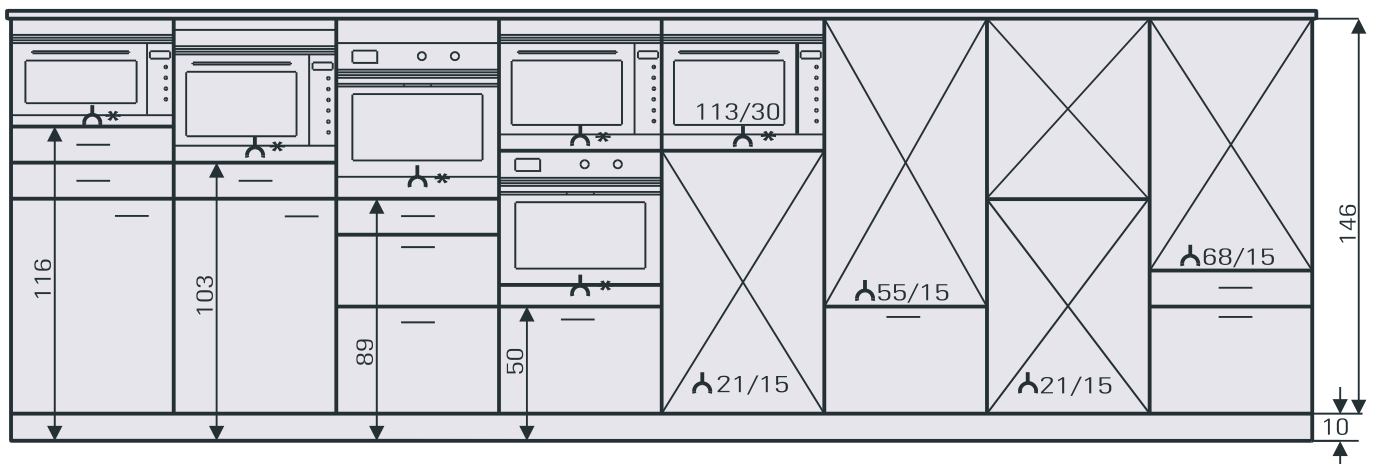


Dimensions in cm

Installation measurements for appliances (not available in the UK)

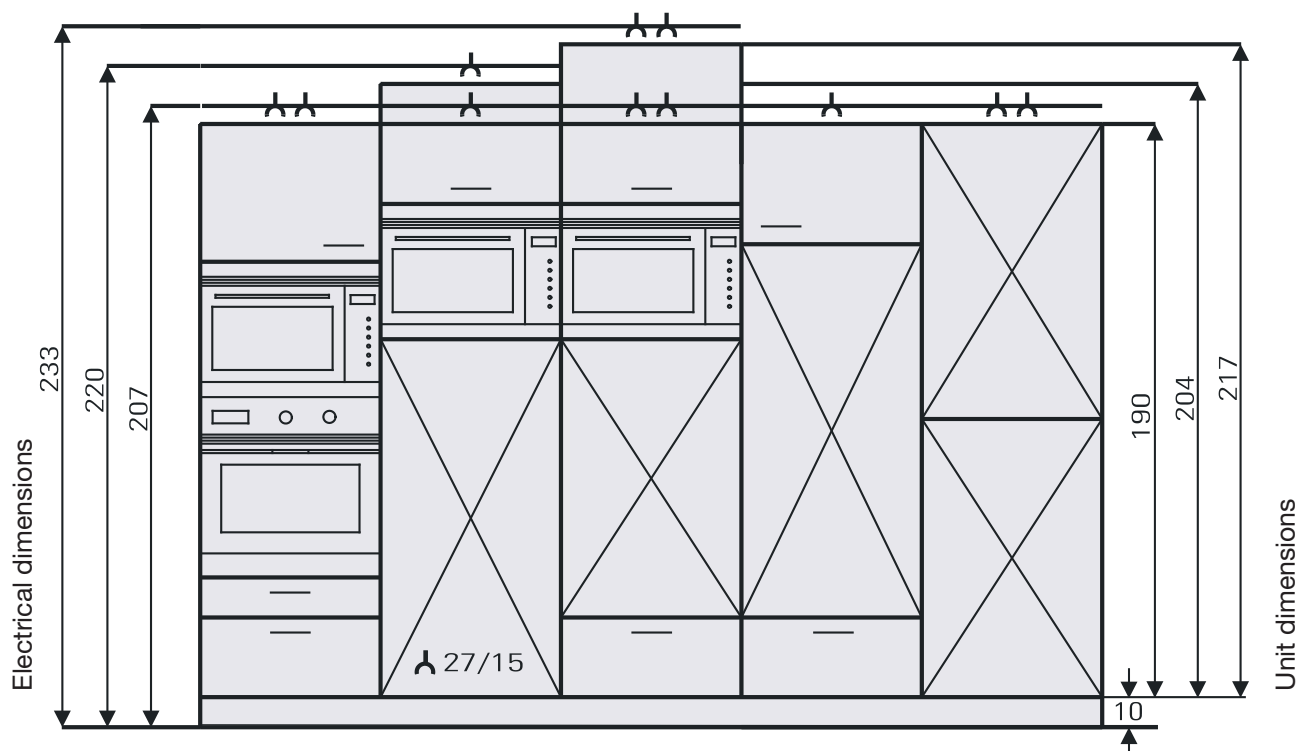
Integrated electrical appliances with fronts. With lower ceiling height, sockets must be placed in the vicinity of the appliances. (see manufacturers' instructions). The **electrical cable outlet** must not be placed higher than the stated measurement!

,
carcase height 146 cm



* Installation dimensions to appliance manufacturer's specification

,
carcase height 190, 204, 217 cm



Dimensions in cm

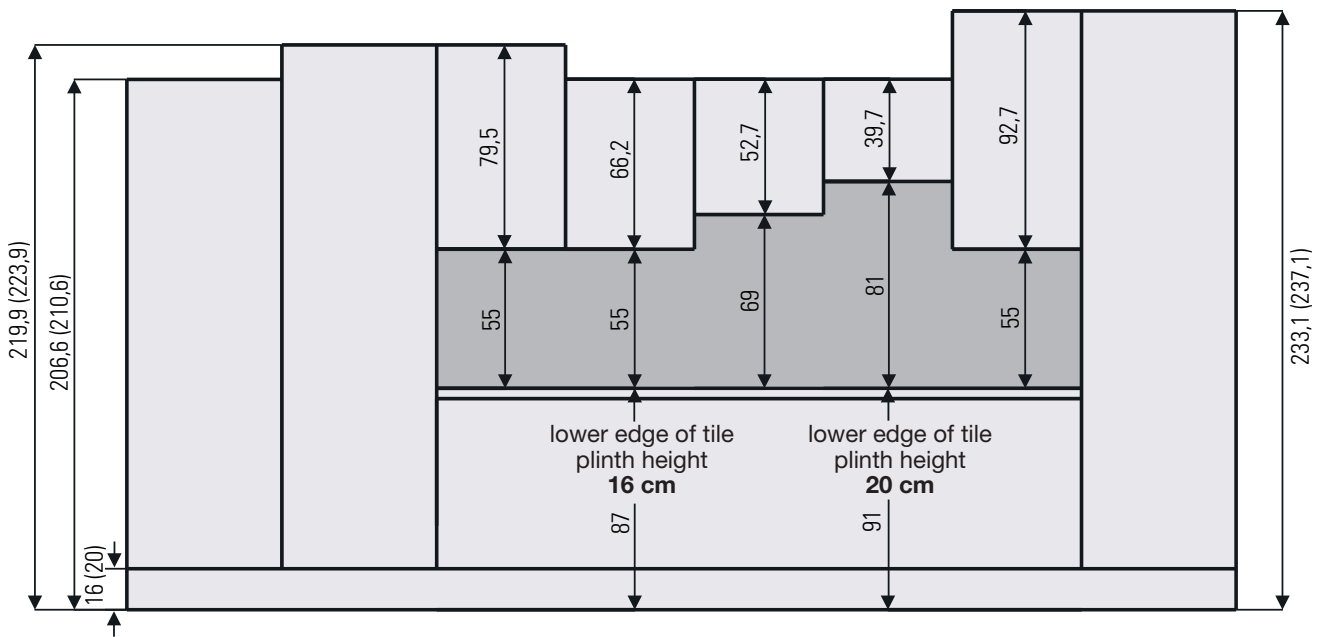
Tiling

The measurements in niche area are **minimum measurements** for tiles and should not be less than stated. Measurements set in brackets are for increased plinth height. No tiling necessary behind (or other cupboards).

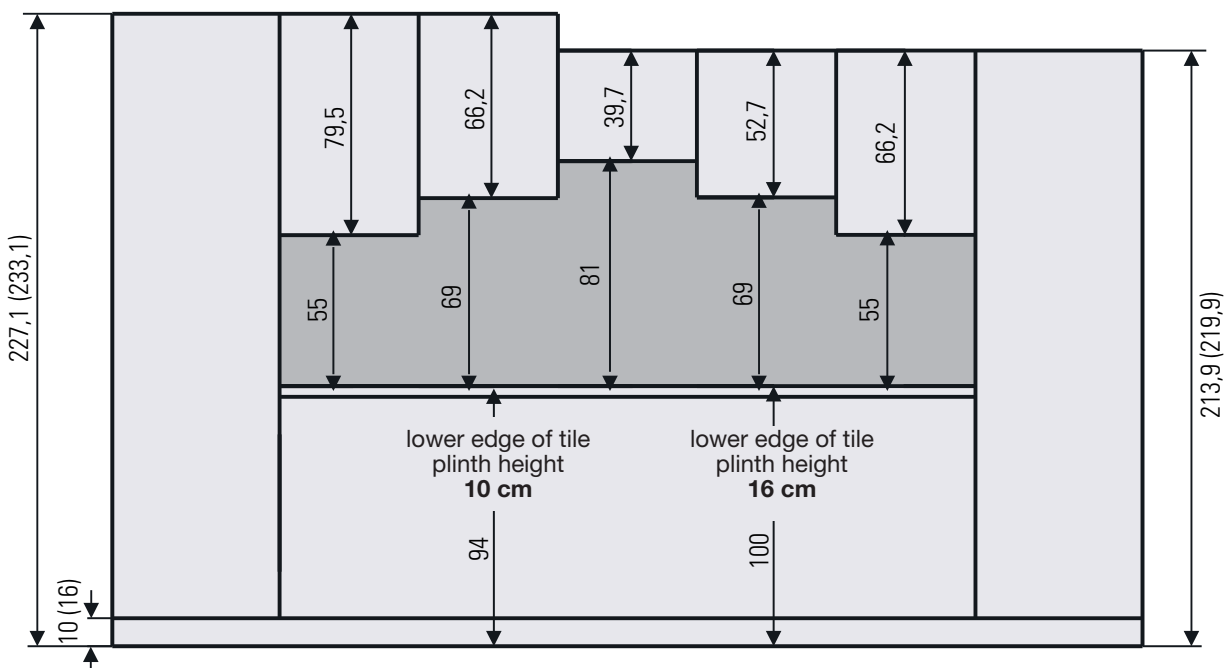
Tiles may go a few centimetres behind wall units (these are minimum dimensions). Tile higher or lower according to extractors, wall units or cooker hood height.

Tiling is possible **after kitchen installation**, particularly in niche area.

Floor unit, carcass height 66 cm



Floor unit, carcass height 80 cm



Plinth legs / Plinth cover

All **plinth legs** are supplied adjusted to midheight (= plinth height) and can be vertically adjusted 20 mm higher or 15 mm lower from the original position.

Fitting as follows:

- Unpack cupboard.
- Take legs out of enclosed carton.
- Place cupboard carefully on its back.
- Place units with rear panelling on one side, on cardboard.
- Tilt tall cupboards to one side, on cardboard.
- Tap legs into fixing blocks.

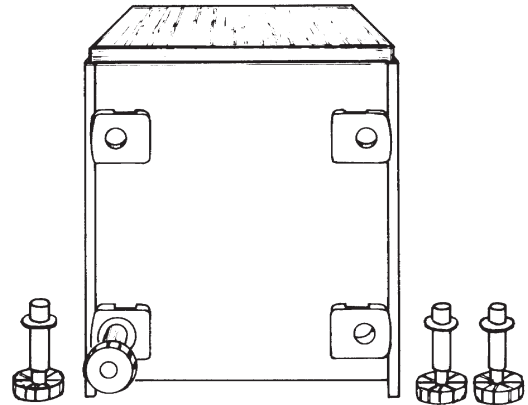
Height adjustment is made by hand or with a screwdriver if the cupboard is heavy.

Caution:

In general, units of **less than 30 cm width** are equipped with only two legs and the fixing blocks have to be tapped in on site. When a cupboard stands at the end of a run or forms a niche, fixing blocks are to be fitted at the edge of the base with the curve facing out, to enable return plinth covers to be clipped to plinth legs.

Attention!

Fix plinth-drawer-element **before** tapping in plinth feet.

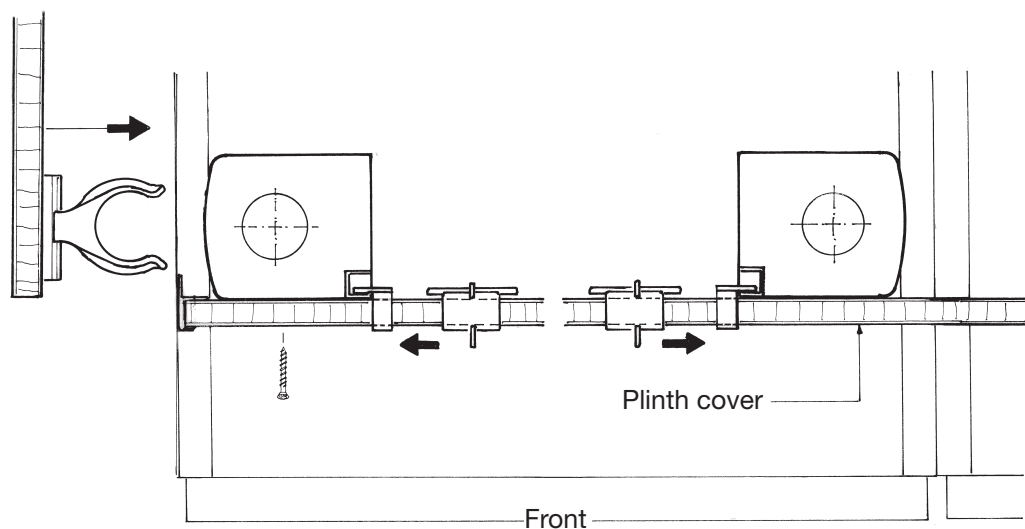


Removable plinth cover

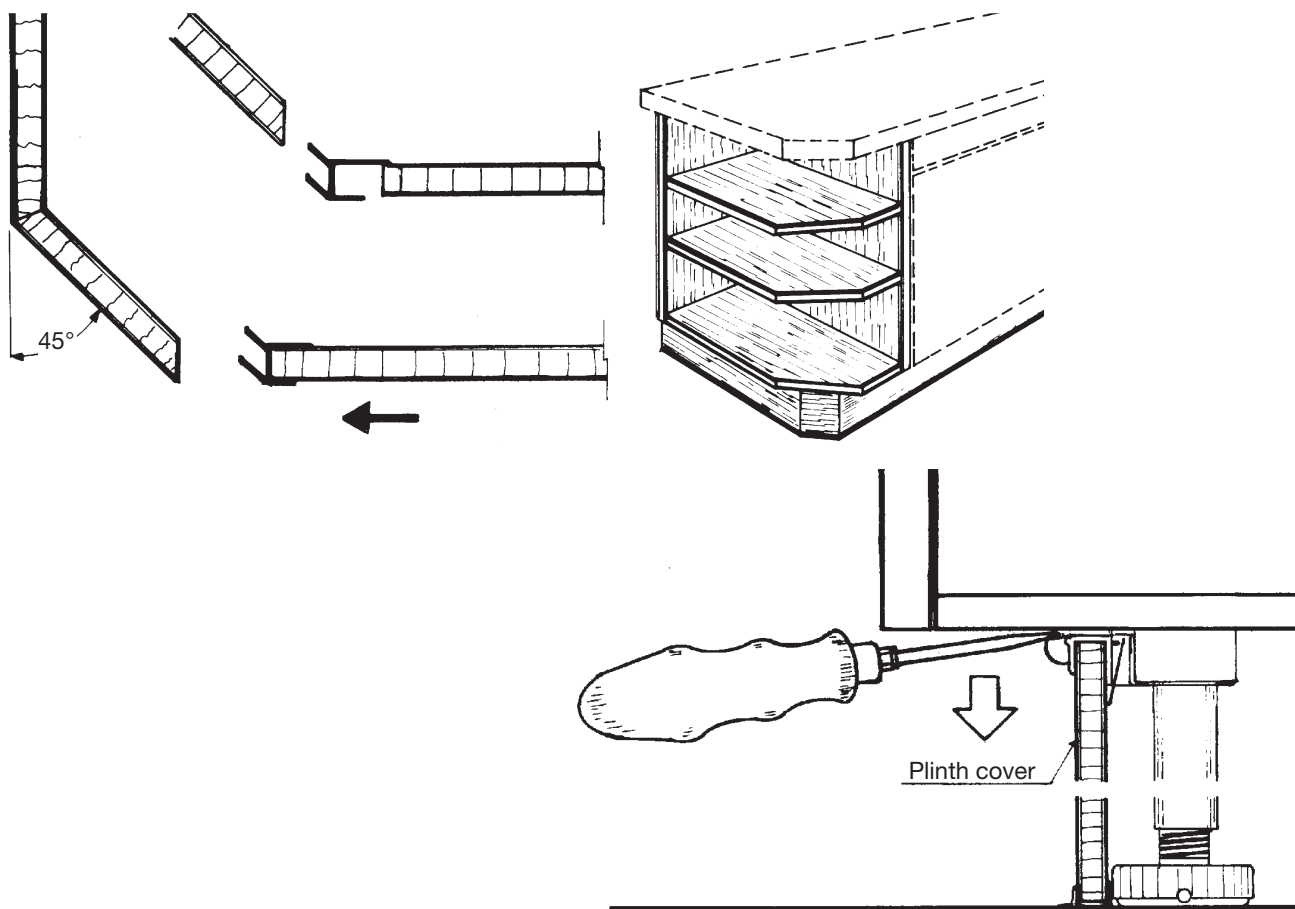
Adjust **side plinth** vertically and horizontally. Affix dowelled plinth plates. Slide clips onto plates. Press the plinth cover on to legs.

Fix **front plinth** cover as follows: cut front plinth cover to required length. Adjust to outer wall or plinth connection. Slip on enclosed plastic clips.

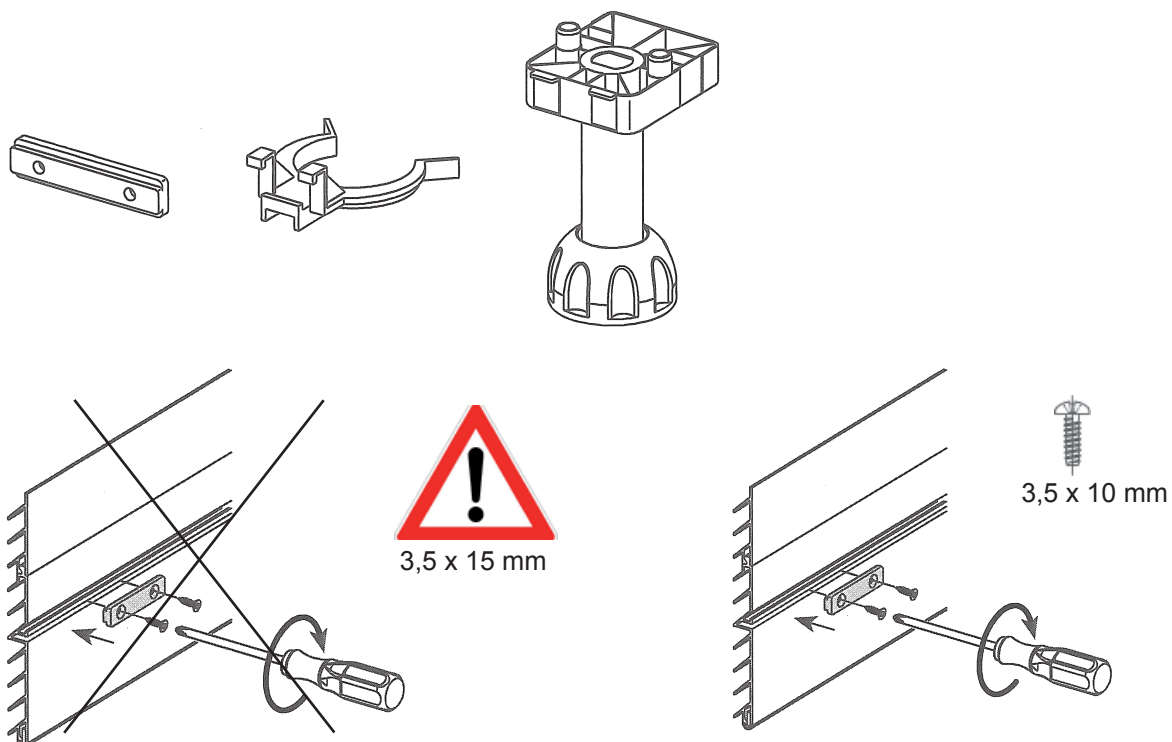
Cut plinth corner profile to required size, position at the front and secure with screws from the rear. Clip on the whole plinth cover and lock into plinth glider at the side. In order to avoid sliding, particularly with short plinth covers, it is advisable to secure these with a screw in the glider.



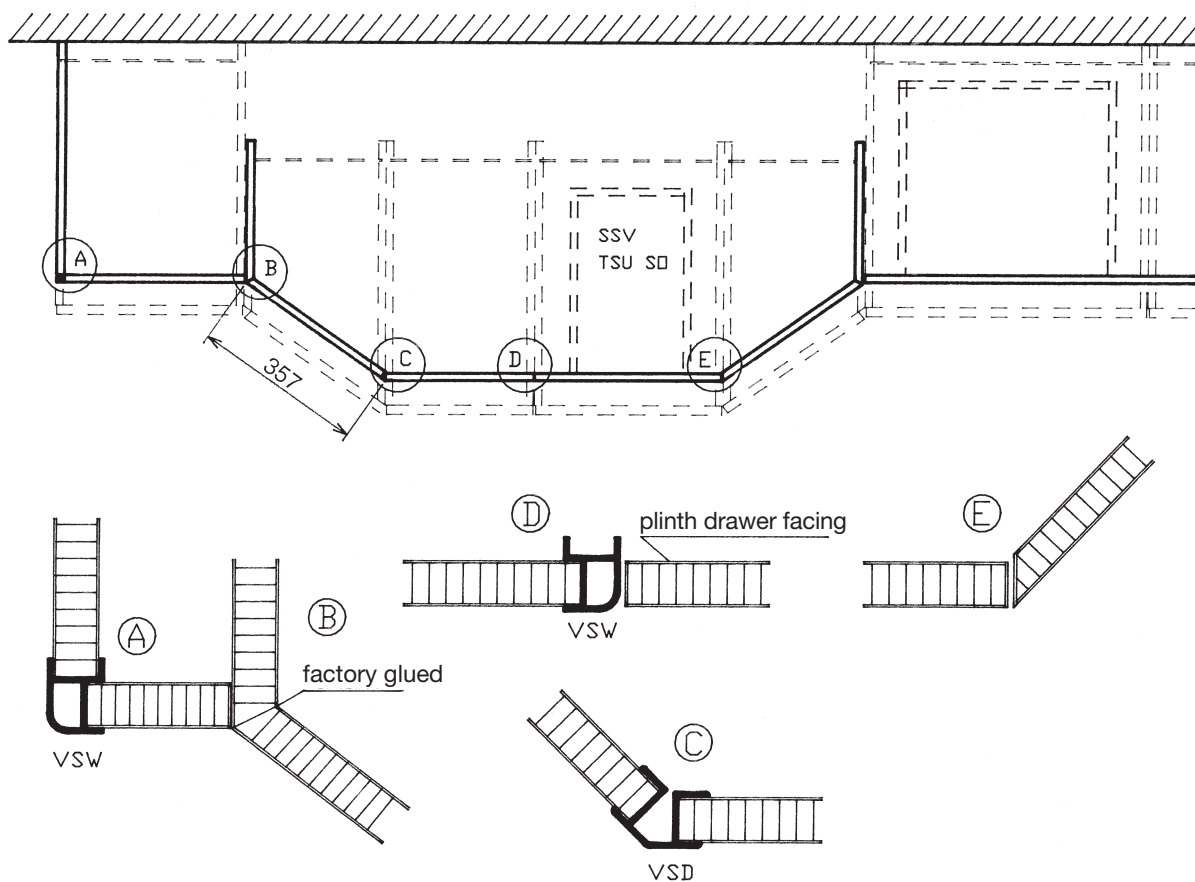
Plinth cover for end shelves and cupboards



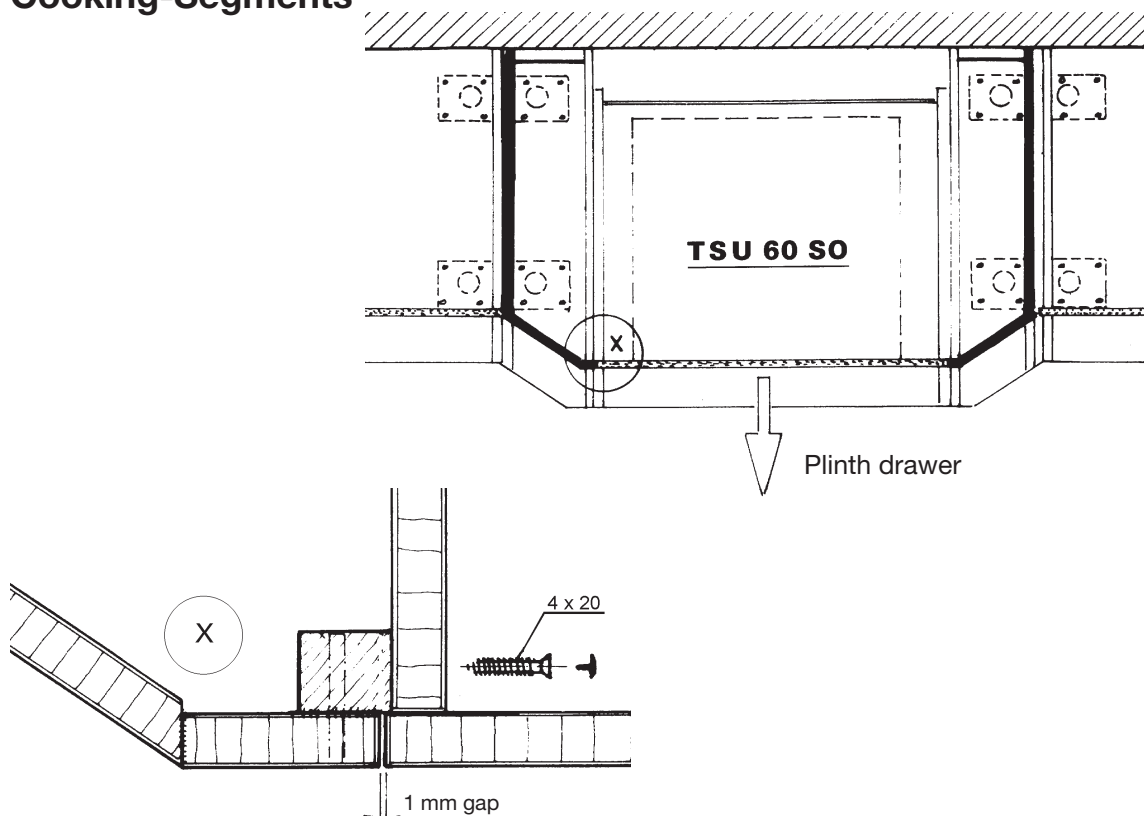
VSL .. A Slat appearance plinth blender



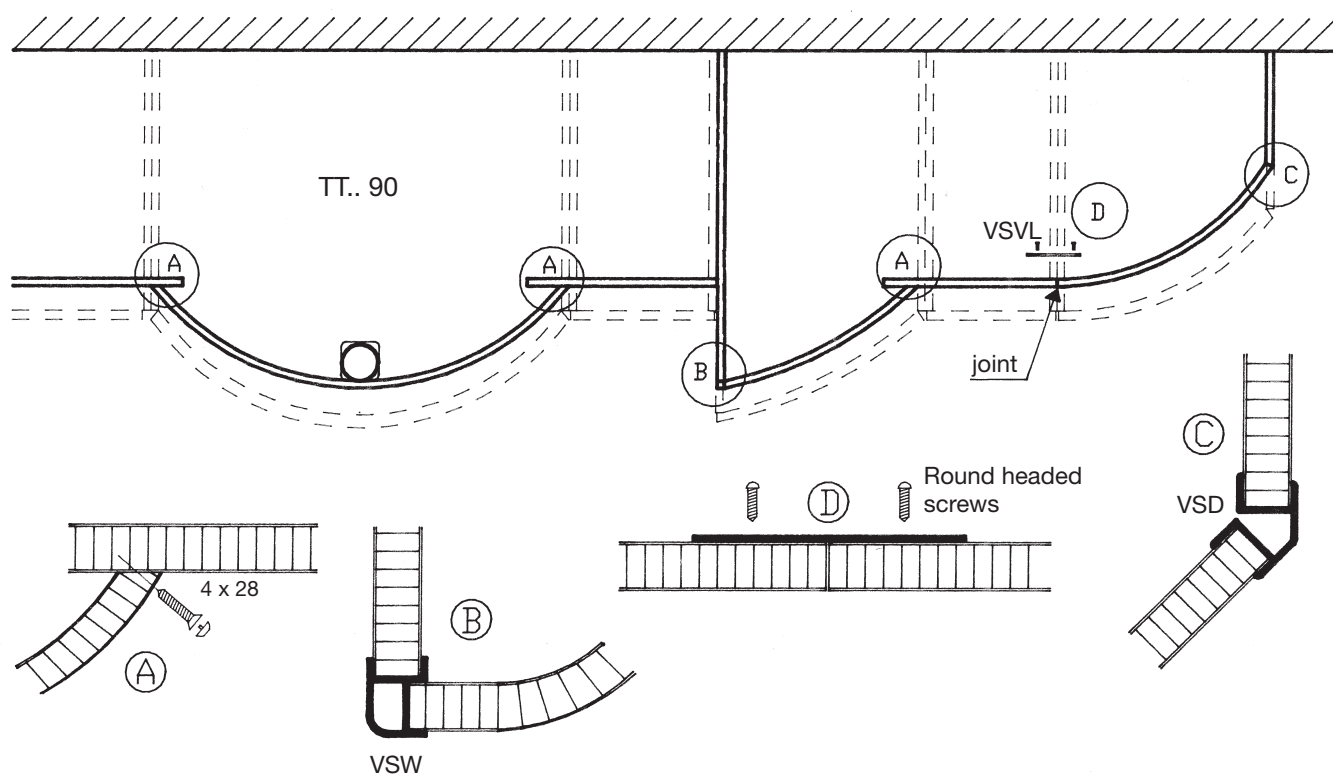
Plinth cover Diagonal cupboards



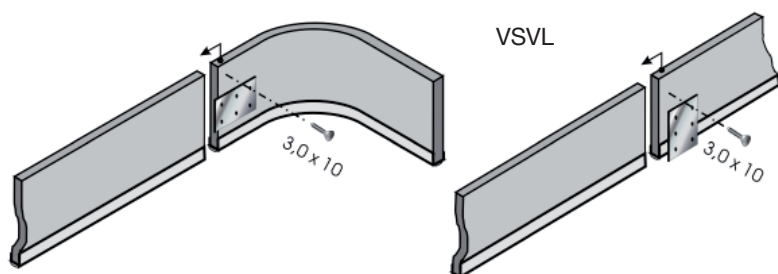
Cooking-Segments



Plinth cover Round cupboards



Length connection



Plinth cover profile for dishwashers



Bolting together and wall fixing of the various cupboard types

For visual reasons, cupboards are supplied without drill holes for cupboard connections.

After aligning and levelling the cupboards

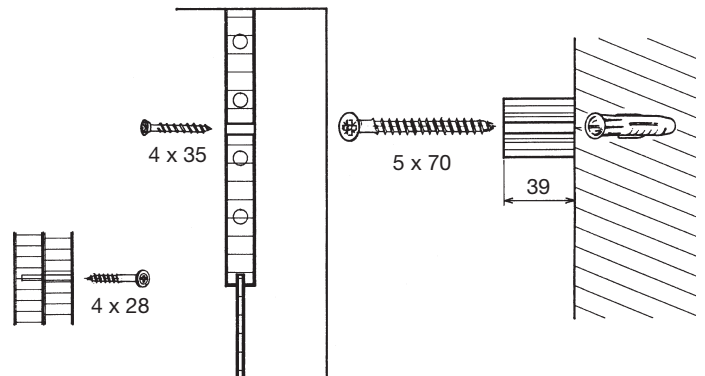
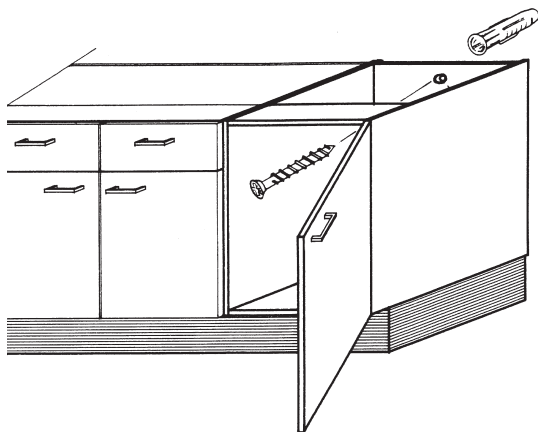
- a) wall units on the suspension fixing,
 - b) floor and on the plinth feet,
- clamp cupboard sides with G-cramp and then fix with the enclosed special connecting screws 4 x 28 mm.

Floor and wall units always have 2 in the front, have 3 screws.

It is recommended to pre-drill with a 3 mm drill.

Floor units at the end of a run, as well in the hob- and sink-area must additionally be fixed **to the wall**. For floor units fit enclosed spacing blocks beforehand.

Screw dimensions 5 x 70 mm or 4 x 35 mm.

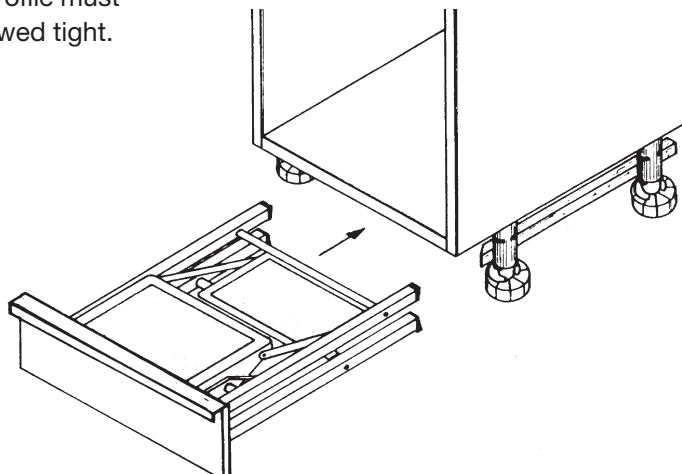


Plinth folding stepladder

After adjusting the plinth legs for height, clip guides onto legs.

Slip plinth corner profiles (edge profiles) on adjacent plinth covers and fix from the back.

When incorporating a step ladder at the end of a cupboard run, the corner plinth profile must be applied to the side panel and screwed tight.



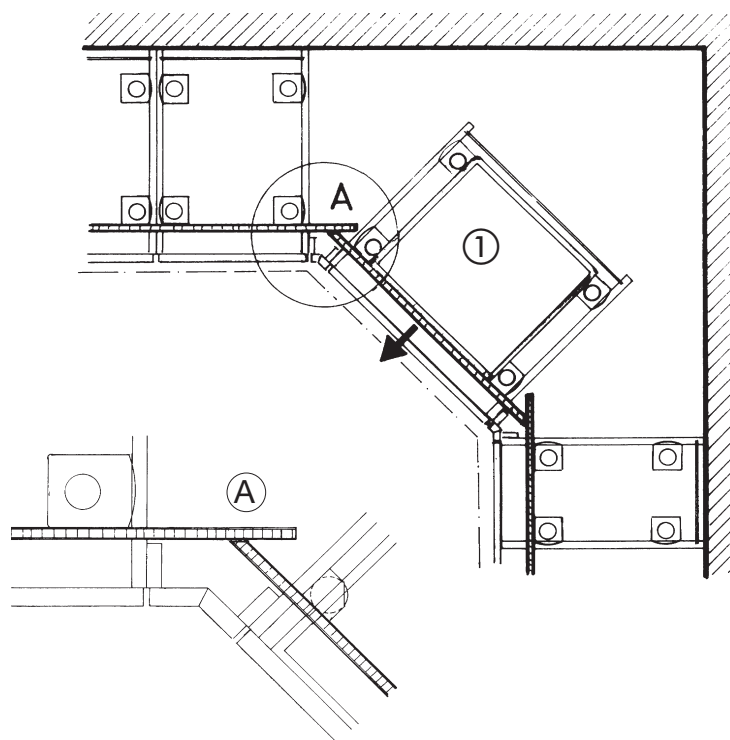
135° corner layout

with plinth drawer in centre

①

TSU 60 SO

with plinth drawer

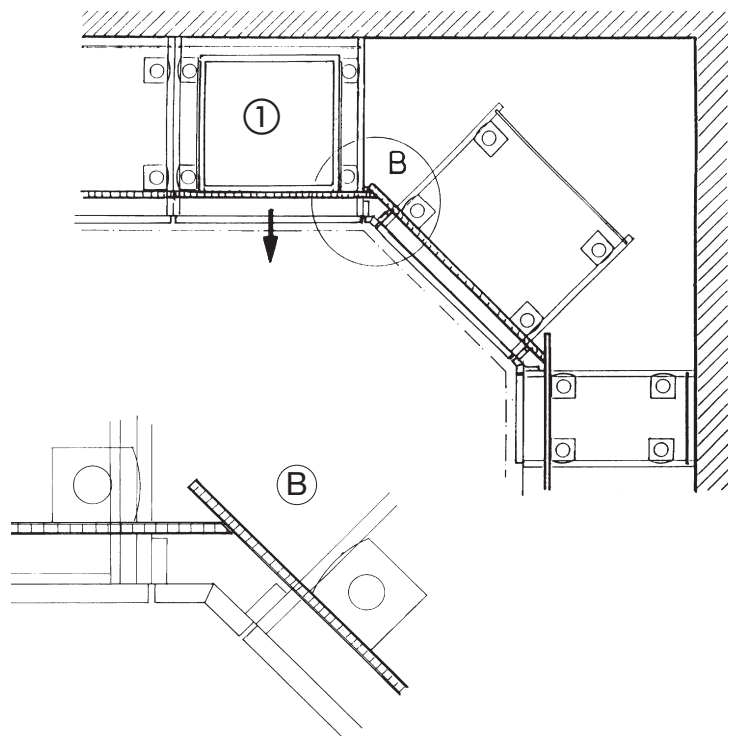


with plinth drawer at side

①

TSU 60 SO or T... cupboard

with plinth drawer



135° corner layout Cupboards and shelves

①

Align floor unit with corner. Measure distances from corner outwards with the utmost accuracy.

②

Secure both corner blenders with screws.

③

Fix floor units and secure worktop.

④

Screw “TR” bearer panel securely to wall.

⑤

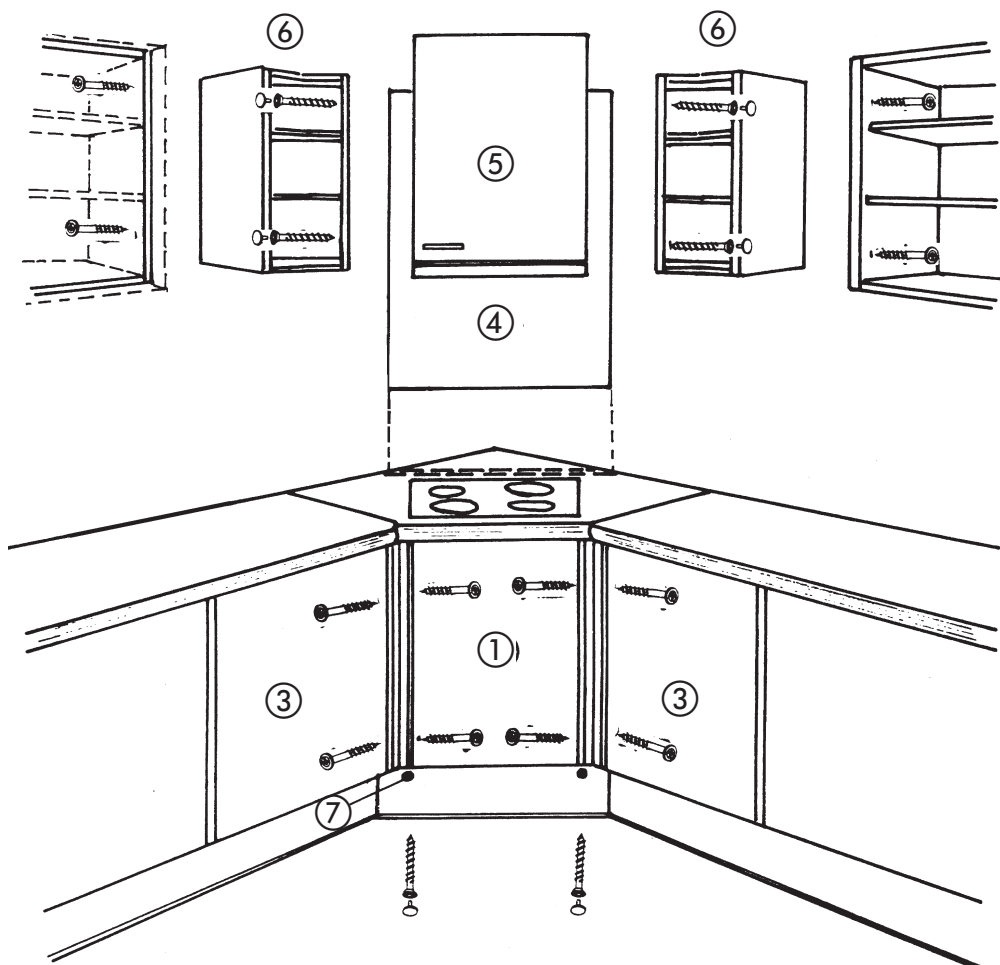
Secure canopy OHS 60/.. to bearer panel.

⑥

Fix “OER” wall shelf unit and secure to central wall unit with screws.

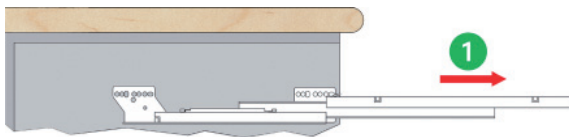
⑦

Seal any joints with silicone sealing compound.

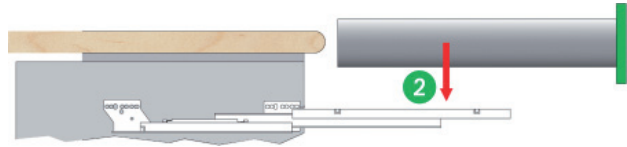


Drawers and pullouts from 2007

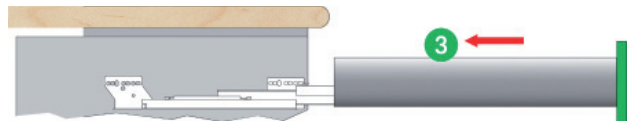
Drawer installation



❶ Pull out drawer runner ...



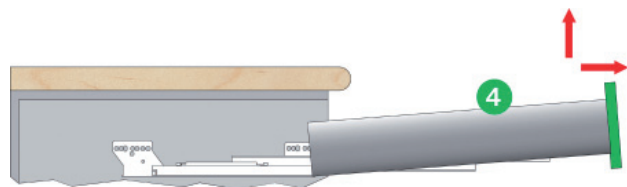
❷ ... Set drawer on runner ...



❸ ... Push in until drawer locks in place

Removing drawer

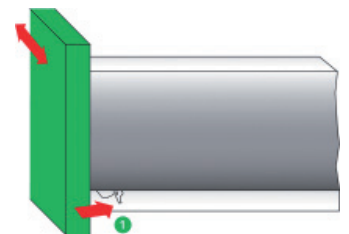
❹ Pull out drawer completely and lift



! If a front-bottom restrictor is used, you must first disconnect the restrictor on the underside of the drawer!

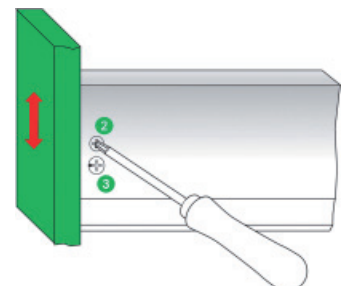
Side adjustment

Press clamping lever ❶ slightly to the back. Position front in the required position. Release clamping lever. Adjustment range $\pm 1.5\text{mm}$.



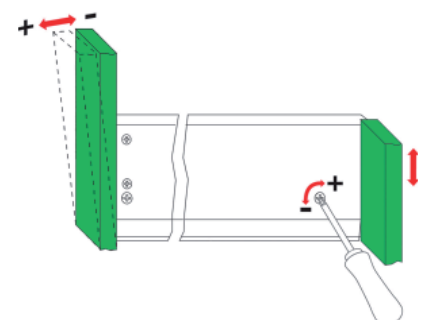
Height adjustment

Loosen screws ❷ slightly and bring the front into the required position using eccentric screw ❸. Adjustment range $\pm 2\text{mm}$. Tighten screw ❷.



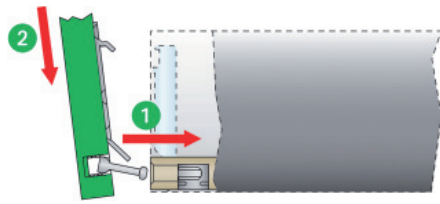
Tilt adjustment of front

Readily accessible tilt adjustment facility on the inside of the drawer. The tilt adjustment is achieved by angling the drawer front.

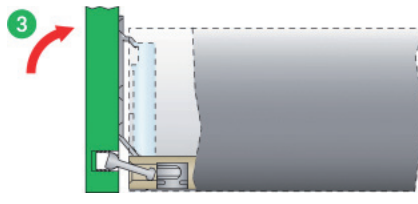


Drawers and pullouts from 2007

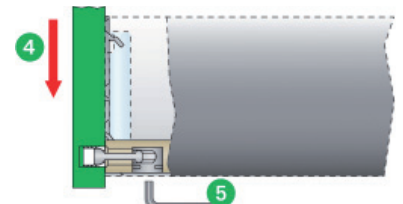
Front assembly with front-bottom connector



- ❶ Position bolt of front-bottom connector in bore hole.
❷ Insert front with installation hooks into the bottom, angled slot.

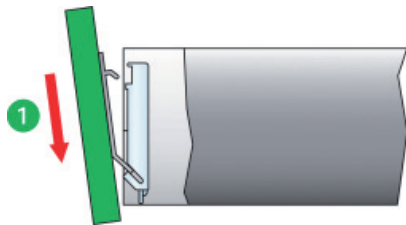


- ❸ Tilt the front into place ...



- ❹ ... and press down until installation hooks have locked in place.
❺ Then tighten bottom connector on underside of drawer bottom.

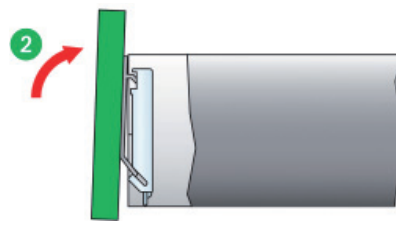
Front assembly



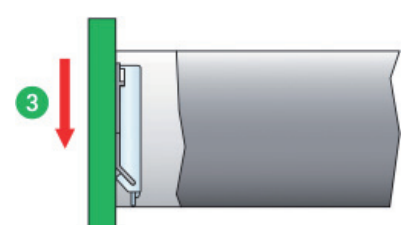
The drawer front can be installed and removed in just one operation.

Simple and tool-free!

- ❶ Insert front with installation hooks into the bottom, angled slot.

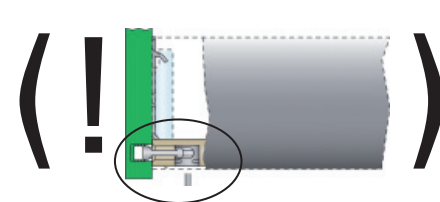


- ❷ Tilt the front into place ...

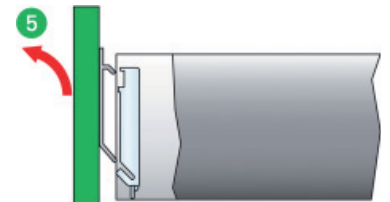
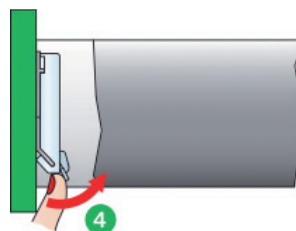


- ❸ ... and press down until installation hooks have locked in place.

Front removal

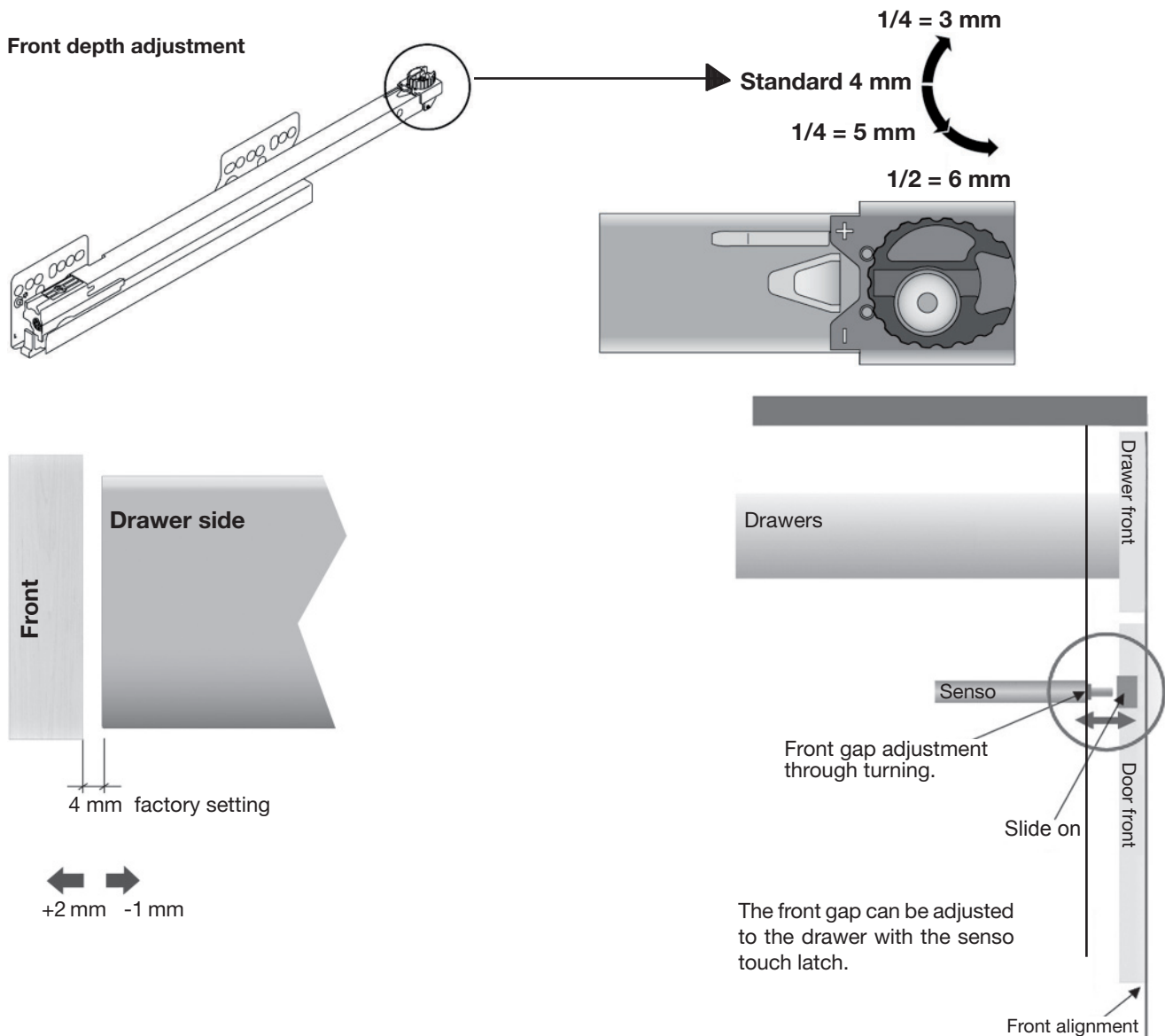


! If a front-bottom restrictor is used, you must first disconnect the restrictor on the underside of the drawer.



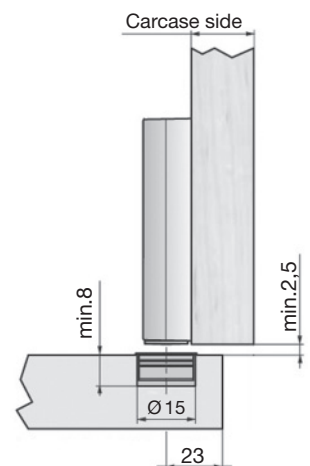
Press clamping lever ❹ away from the front...
and ❺ ... remove front.

Drawers and pullouts with SensoMechanik

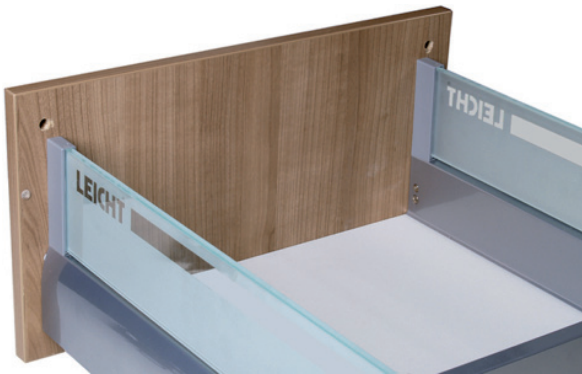


Emergency release

- 1) Pull the drawer firmly open at the bottom right of the front to activate the emergency opening function.
- 2) Eliminate the cause of the fault (e.g. enlarge the activation distance if it is too short, check the installation).
- 3) Close the drawer by pushing it firmly back as far as it will go. The locking unit is back in starting position. The open drawer can now be closed as usual.

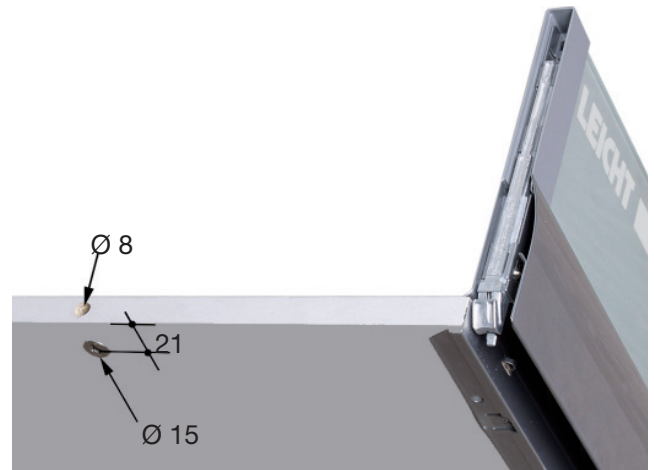
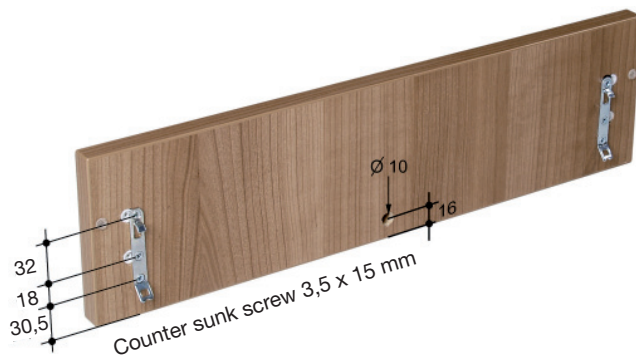
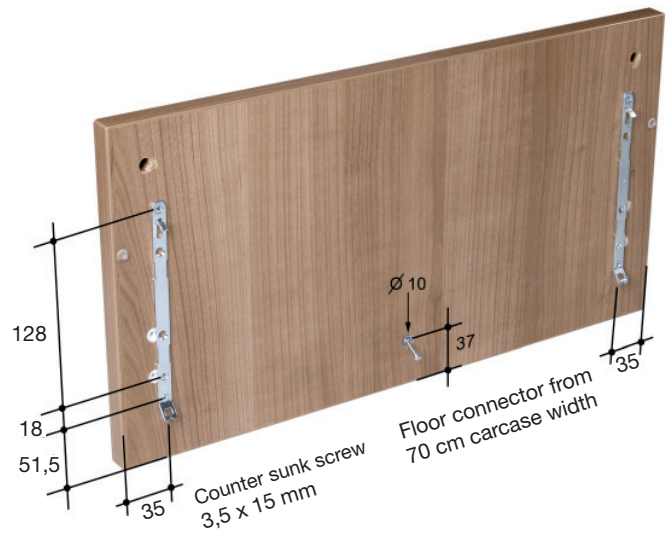


Conversion of drawers and pullouts from SV3 to GS7

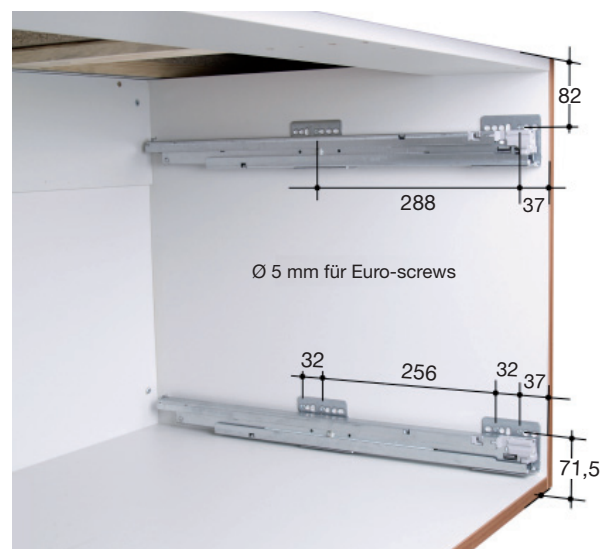


For the conversion all fixing must be newly drilled as the front drill holes are situated close to the previous holes!

Railing drill holes of the pullouts are not hidden by the new system, therefore consider the use of new fronts.



Use rawl plug for connecting bolt otherwise damage could occur



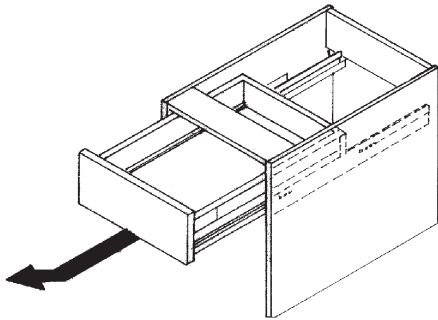
Varying height of carcass guide SV3 + 17 mm = GS7

Drawers and pullouts until 2006

Exact adjustment of front blender

Removing drawer or pullout

Pull drawer forward, lift slightly (release), lower slightly and pull out.

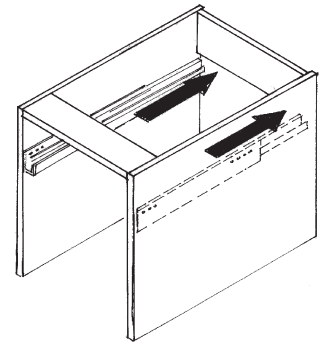


Remove drawer or pullout

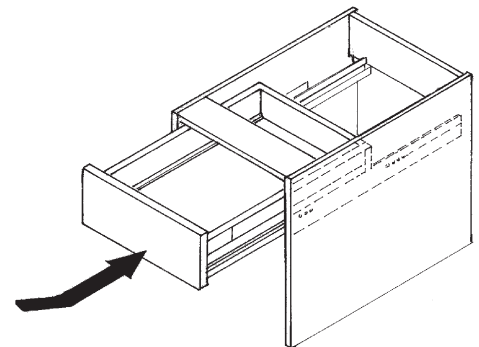
Lift the drawer onto the drawer runners at a slight angle and push in.

Insert drawer or pullout

Pull out drawer runners fully for inserting drawer.



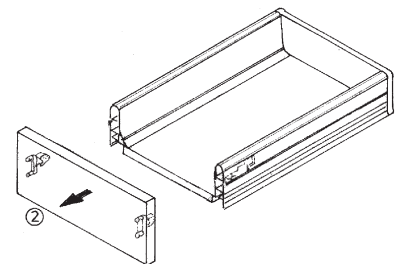
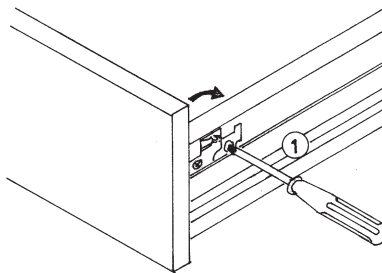
Drawer runner closed



Lift the drawer onto the drawer runners at a slight angle and push in.

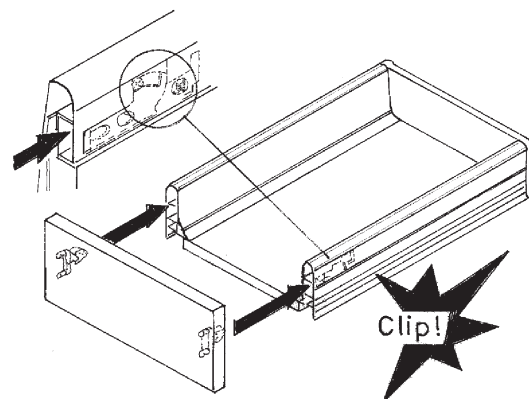
Remove front

Press bar upwards. With a Philips screwdriver turn freed screw ① clockwise. Remove front panel ②.



Attach front

Set front panel with its pre-fixed fittings into the frame-cavity and clip on. No tool is necessary. Clip on cover caps.

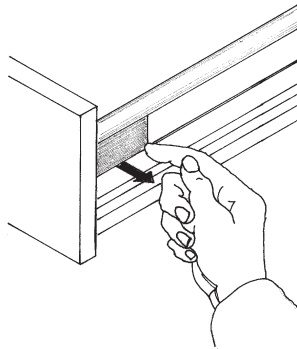


Drawers and pullouts until 2006

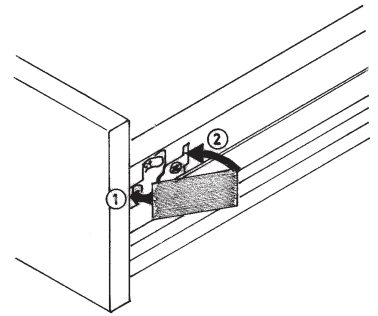
Exact adjustment of front blender

Exact adjustment of front blender

The covering plates can be easily removed and fitted. For mounting covering plate rest in the front ① and clip on ②.



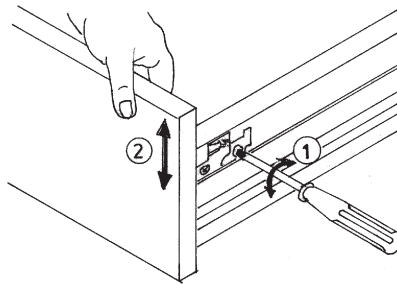
Removing covering plates



Fitting covering plates

Height adjustment

Loosen height adjustment screw ① and align blender by hand ② to the correct position. Tighten screw up again, holding blender in position all the while.



Height adjustment

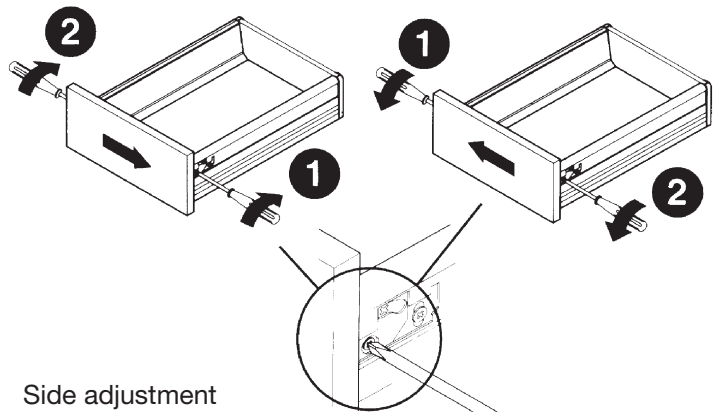
Side adjustment

Adjustment to the **left**:

Turn left side adjustment screw clockwise, then unscrew right hand side adjustment screw for the same number of turns.

Adjustment to the **right**:

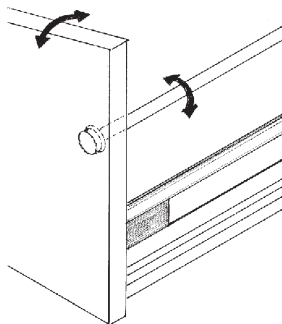
Turn right side adjustment screw clockwise, then un-screw left hand side adjustment screw by the same number of turns. Do not over tighten adjustment screw.



Side adjustment

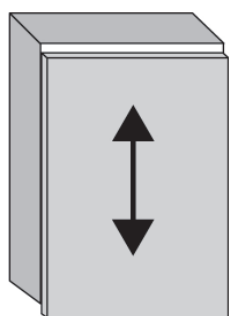
Tilt adjustment

By simply turning the railing, the degree of tilt of the front can be adjusted in both directions.

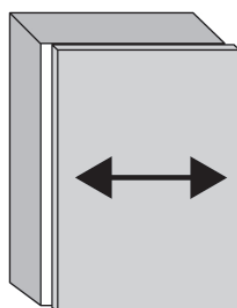
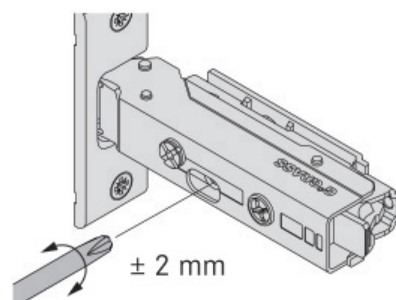
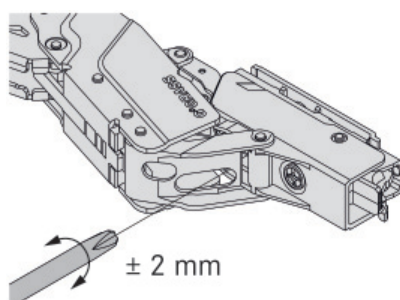


Tilt adjustment

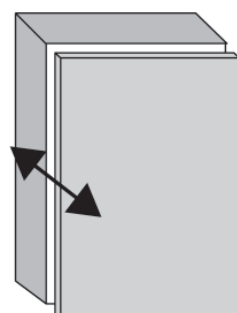
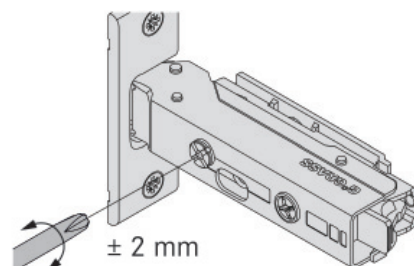
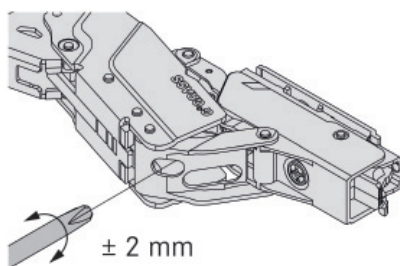
Hinge adjustment



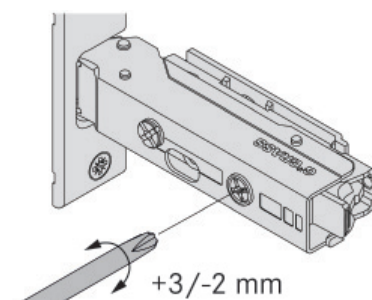
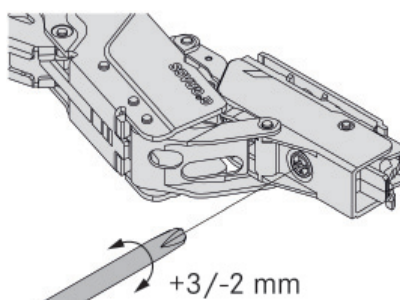
Height adjustment



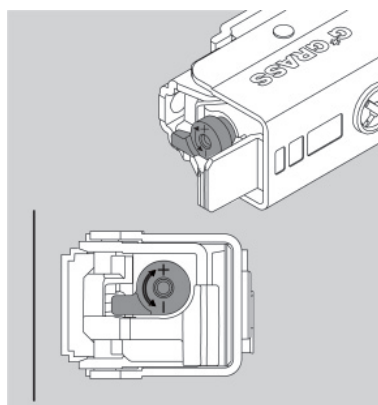
Side adjustment



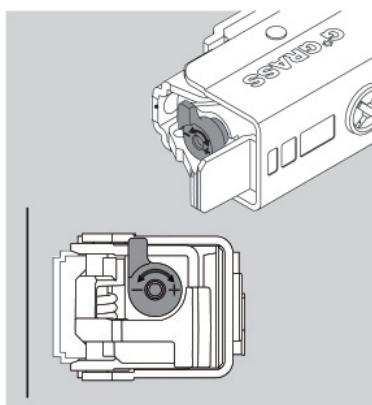
Depth adjustment



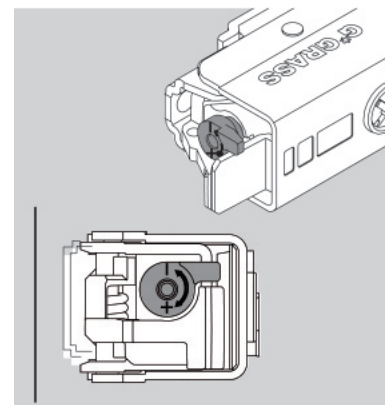
Adjustment of damper



Low level –
for light and small doors



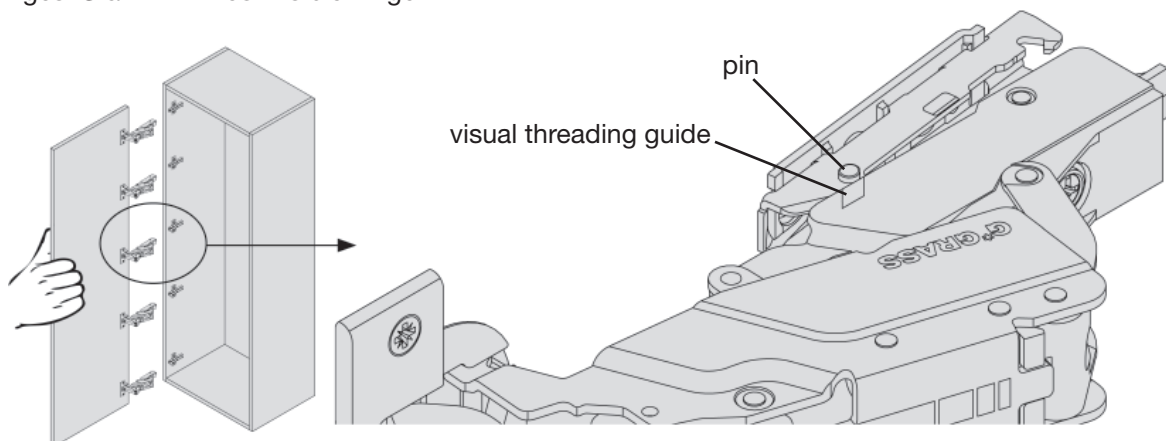
Middle level/factory setting –
for standard doors



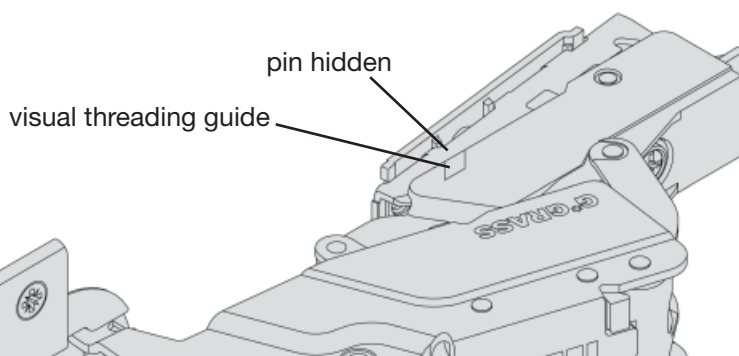
High level –
for large and heavy doors

Clip on the hinge

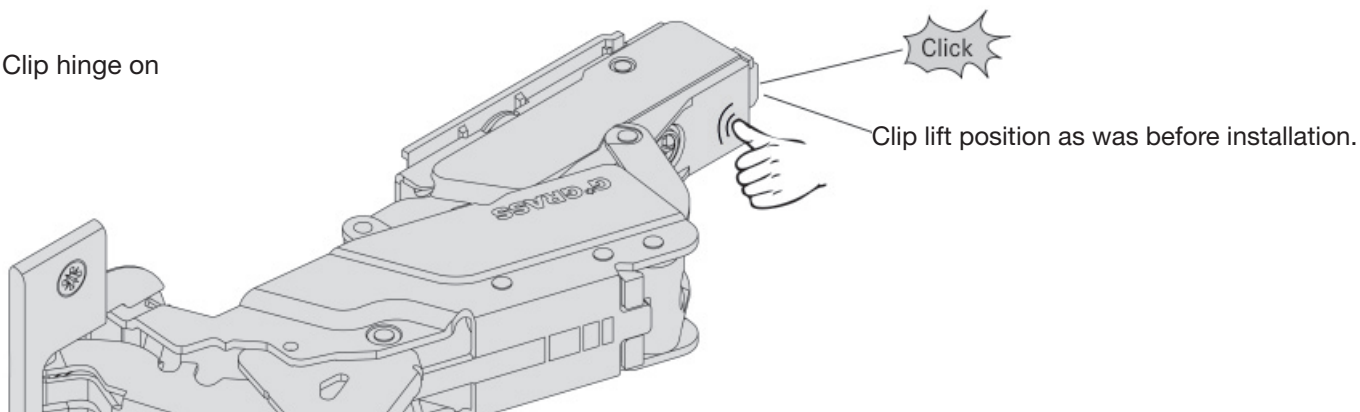
Support door when attaching. Avoids overstressing the individual hinges. Start with most visible hinge.



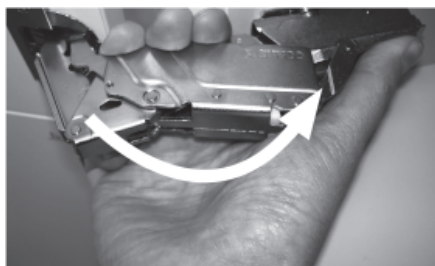
Slide hinge on until pin disappears under the visual threading guide.



Clip hinge on



Clip remaining hinges on in the so called „zip procedure“, commencing with the hinge already fitted.



Easy clip-on by gripping the hinge.

Doors

Hinge adjustment of doors and flaps with BLUM hinges

- **Depth adjustment** in direction **E**:

For 170° hinges: smooth adjust with screw **B**.

For all other hinges: loosen with fixing screw **B**.

Move door in direction **E**. Re-tighten fixing screw.

- **Width adjustment** in direction **F**:

Door can be adjusted with screw **A** in direction **F**.

- **Height adjustment** in direction **D**:

Loosen fixing screw **C** lösen. Adjust door in direction **D**. Re-tighten fixing screw.

- **Remove and relocate door:**

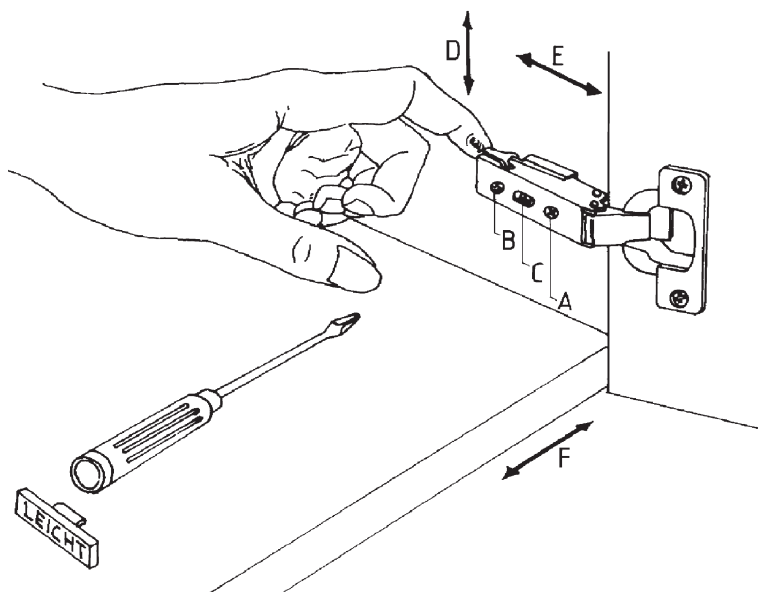
The door can easily be un- and re-clipped.

1) Unclip: Hold door. Push finger behind hinge and pull forward, see sketch.

2) Clip on: Set hinge at a slant from base plate and clip on with slight finger pressure.

- **Door opening restriction** (plastic clip) for 155° hinges (wide angle hinges), to be used in critical handle situations.

A drop of oil once a year will increase the lifespan of the hinges.



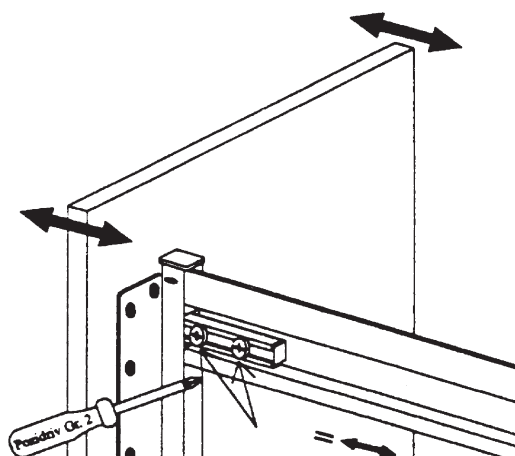
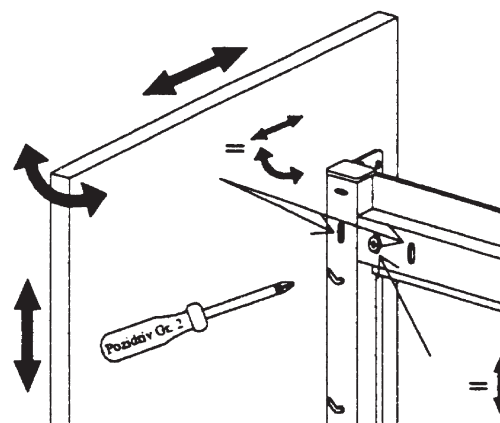
Corner units

Front adjustment

Corner floor unit TE 100 Z

Adjust the front:

- Ⓐ adjust
- Ⓑ fix and adjust
- Ⓒ fix and adjust

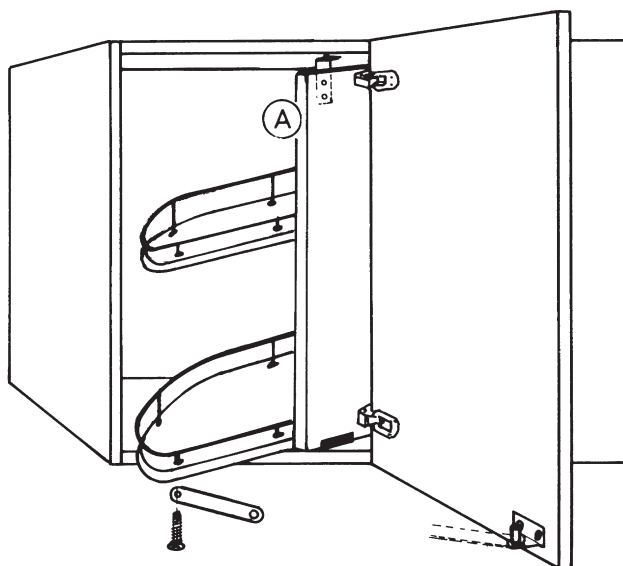


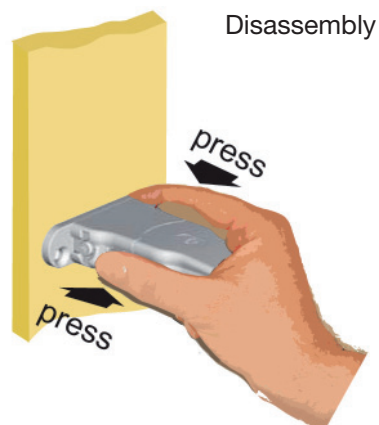
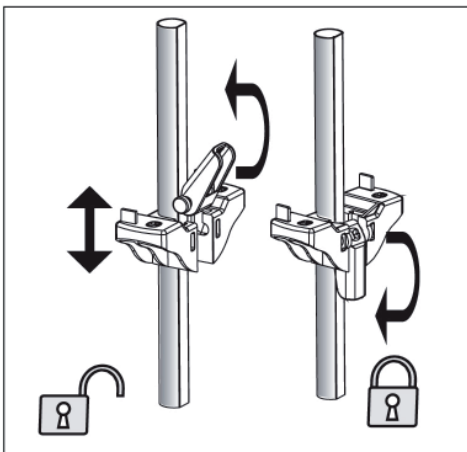
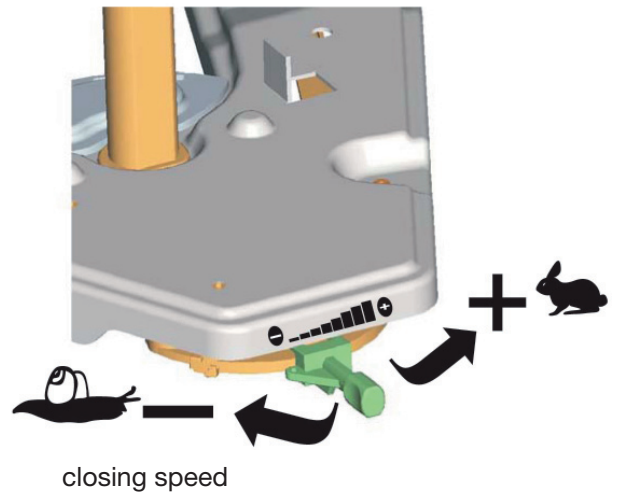
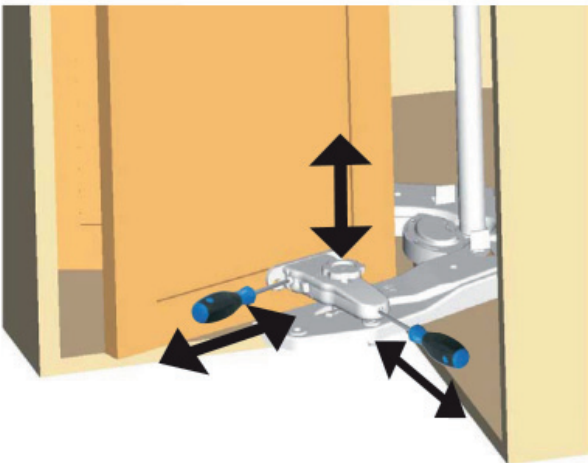
Corner wall unit OE 80/..

Loosen screws in upper bearing block Ⓐ of carousel, push block down and remove swing-out shelf.

For door adjustment, see page 48.

Vertical adjustment is by way of the base-plate.





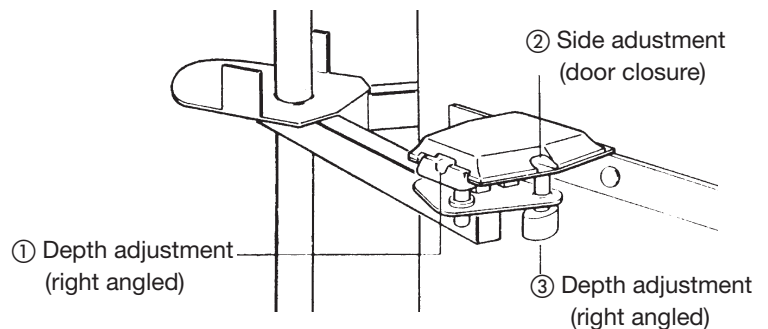
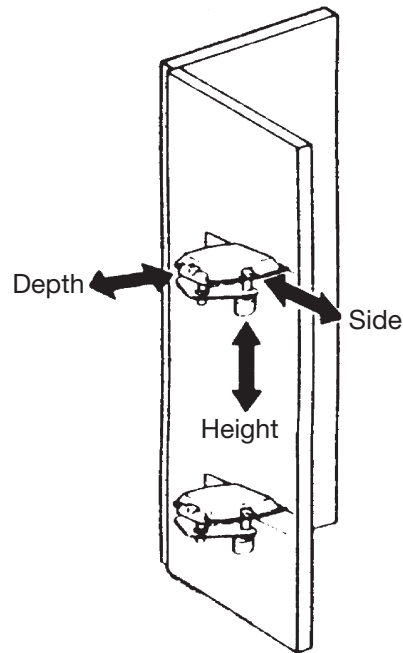
Carousel corner units until 2010

Front adjustment

Doors are independently adjustable in all directions.

The corner unit must be perfectly level before you start adjusting. It is essential that the middle adjustable foot is also adjusted accurately because of later axial loading.

- ① Depth adjustment
= position doors in 90°
- ② Side adjustment
= correct door closure
- ③ Height adjustment
= correct joint to worktop

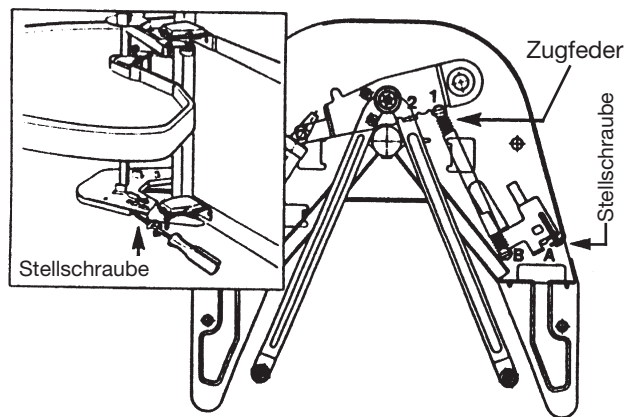


You can adjust the closing speed of the doors on the fitted hinge:

- Turn adjustment screw to the right
= faster closing
- Turn adjustment screw to the left
= slower closing

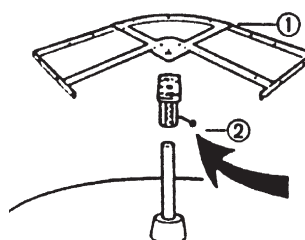
A stronger adjustment of the closing mechanism is done by re-hanging the return spring. There are four combinations:

- B+1** = weakest spring pull.
- It will be increased via the combination **A+1**, **B+2** up to the strongest spring pull **A+2**.
- The adjustment of the spring is only possible after having removed the hinge.



Never lift the carcase by the metal cross straps ① ! These are for the central location of the carousel only.

Before first use: Screw the bearing straps to the worktop and remove securing transport pin from the top axle shaft ② .



Carousel corner units

Dismantling instructions

Carousel corner units TE 80, TE 90

1. Open the door and turn approx. 90 degree inwards.
2. **Removing shelves**
Lower shelf: With plastic shelf, open red tension lever. Remove shelf by pulling upwards over connecting part. With wooden shelf open clamping screw (Philips). Take out locking part. Lay shelf on the cupboard floor.
Upper shelf: Loosen as described above. Tip downwards and lift out of the cupboard opening with the cut-out to the top. Then remove the bottom shelf, pointing cut-out downwards.
3. **Remove door:** Remove transport safety caps on the lower adjustment bracket with pliers (they do not have to be put back afterwards!). Clip out both control levers from the black clip bush on the lower adjustments bracket (pull out downwards).

Remove one of the two spax screws on the upper adjustment bracket and unscrew the suspension plug from the carrying bracket (not absolutely necessary with ES-280). Turn door towards the worktop corner and remove door upwards.

4. **Remove fittings:** Loosen screw on the axle holder sleeve, pull sleeve down. Lift fitting out of curved disc, remove. (**Attention:** The fitting has also to be turned 90 degrees as otherwise the transport safety device will prevent the removal).

Replacing everything in reverse order.

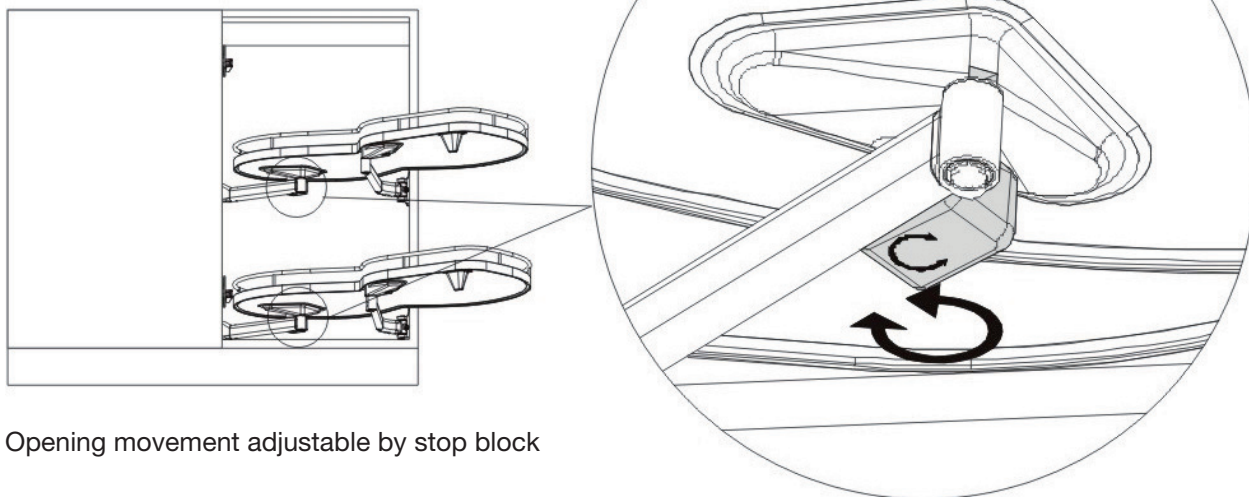
Attention: Fitting has to be set on to the cam disc in such a way that the bearer arms point backwards because of earlier mentioned transport securing. By pulling forward the two control levers, the control roller is put onto the outside of the cam disc so that the fitting can click into the location point.

Tall carousel corner units GTEN 80

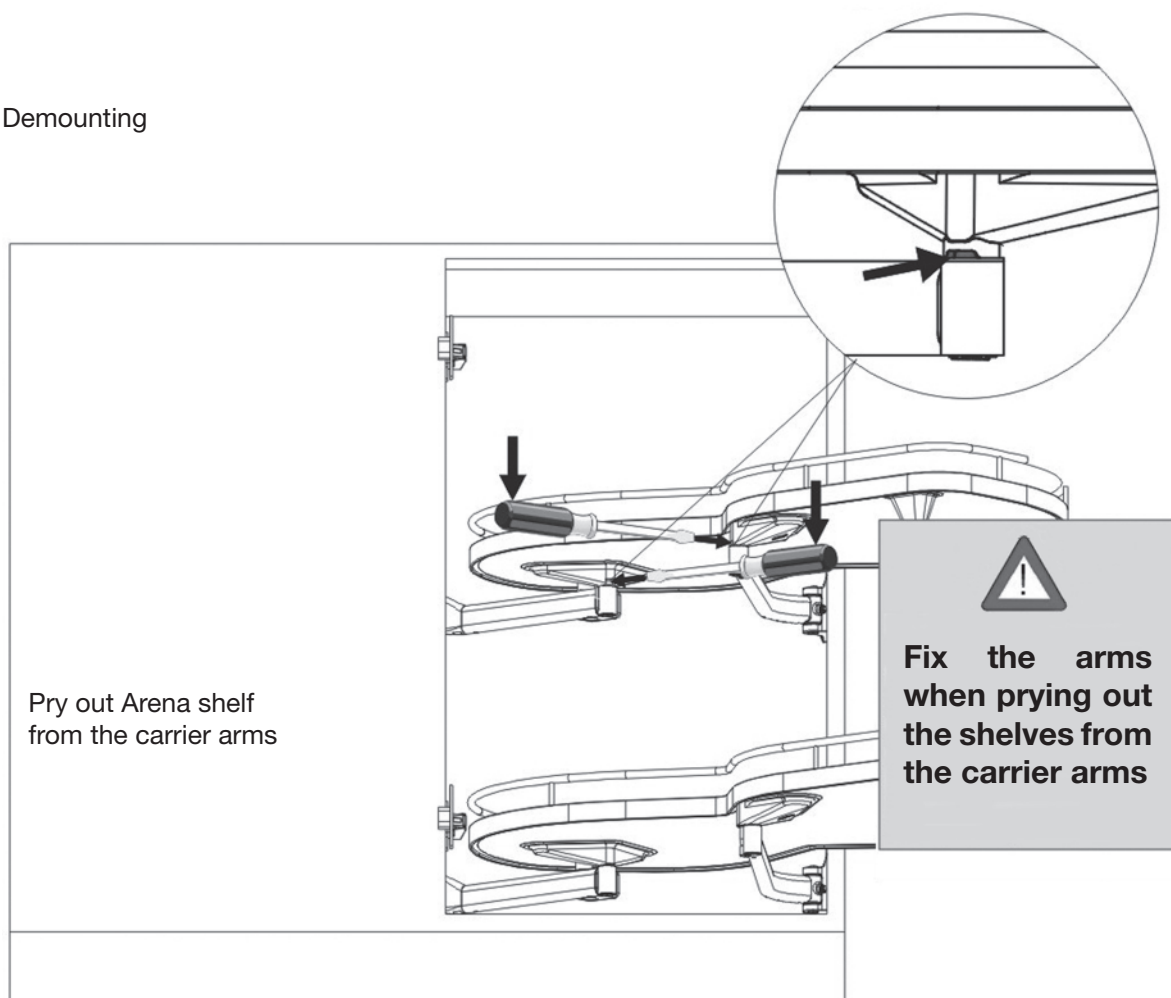
1. Open door and turn approx. 90 degrees towards the inside of the cupboard.
2. **Remove shelf:**
Loosen: With plastic shelf open red tension lever. Pull shelf upwards from link piece. With wooden shelf open clamping screw (Philips), remove locking member. Remove shelves in sequence from top to bottom: Upper shelf with cut-out to the top, shelves 2-4 with cut-out pointing downwards.
3. **Remove door:** Remove the four transport safety caps on the lower adjustment bracket with pliers (they do not have to be put back afterwards!) Detach springs, detach control levers on the lower adjustment bracket. Remove springs, remove control lever from the lower adjustment bracket, turn door to worktop corner and take door out upwards.

4. **Remove fittings:** Loosen screw on the axle bearing sleeve, pull sleeve downwards. Lift fittings from the cam disc, remove.

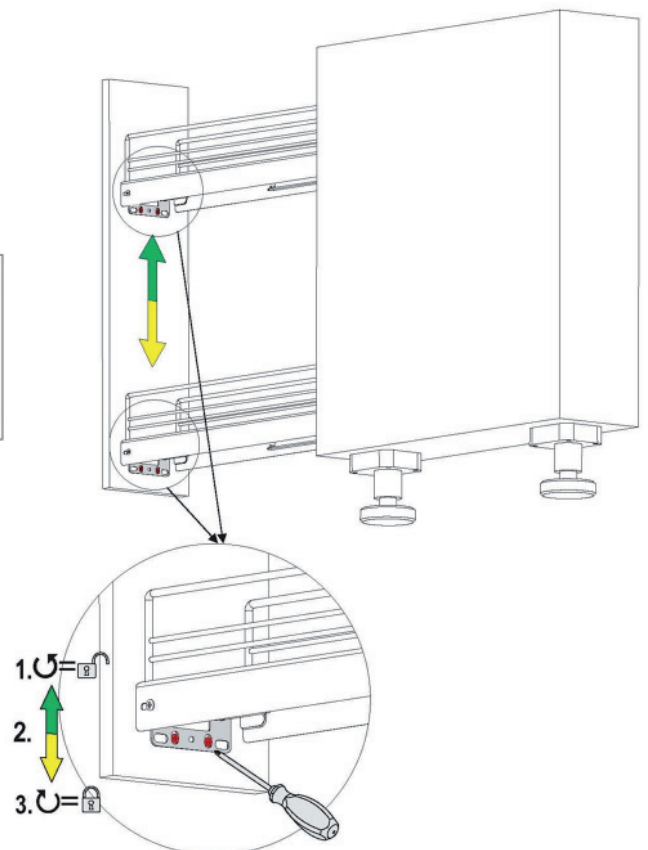
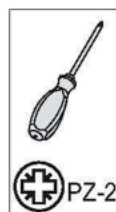
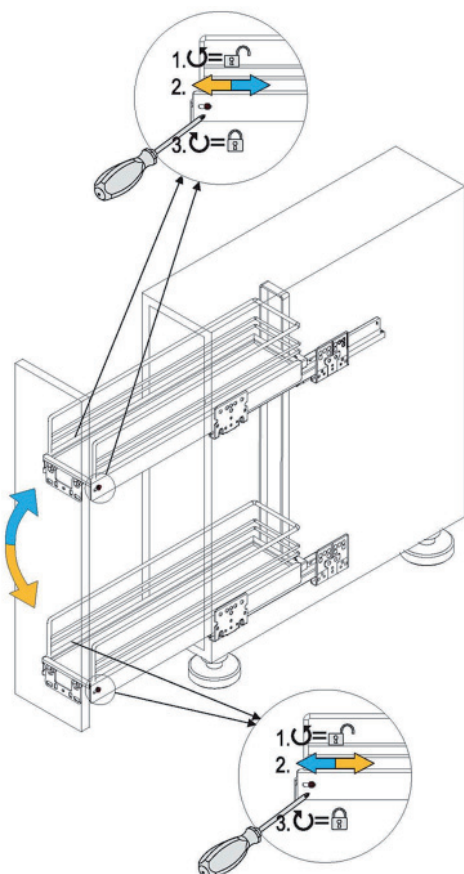
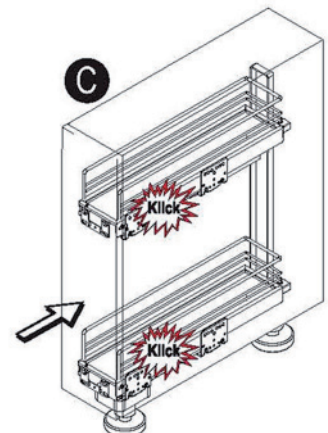
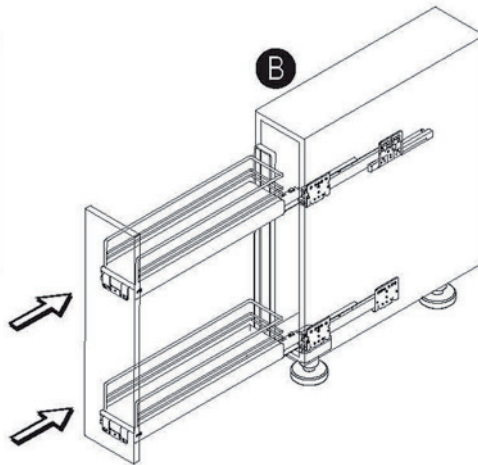
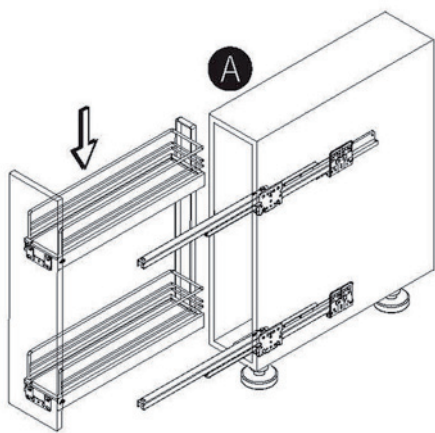
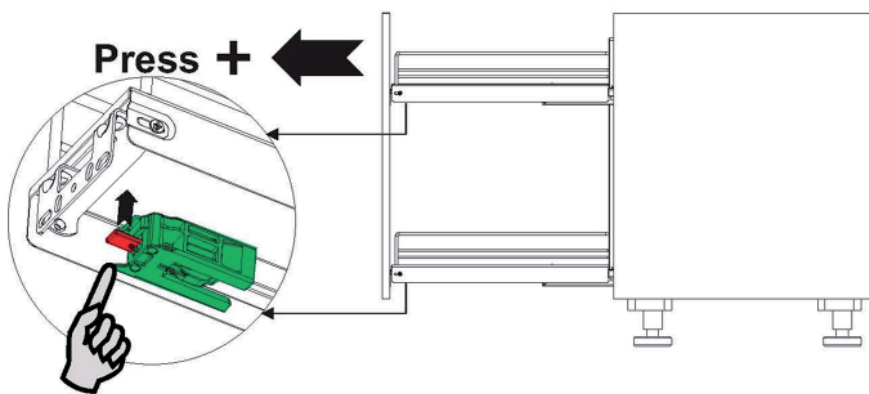
Opening adjustment



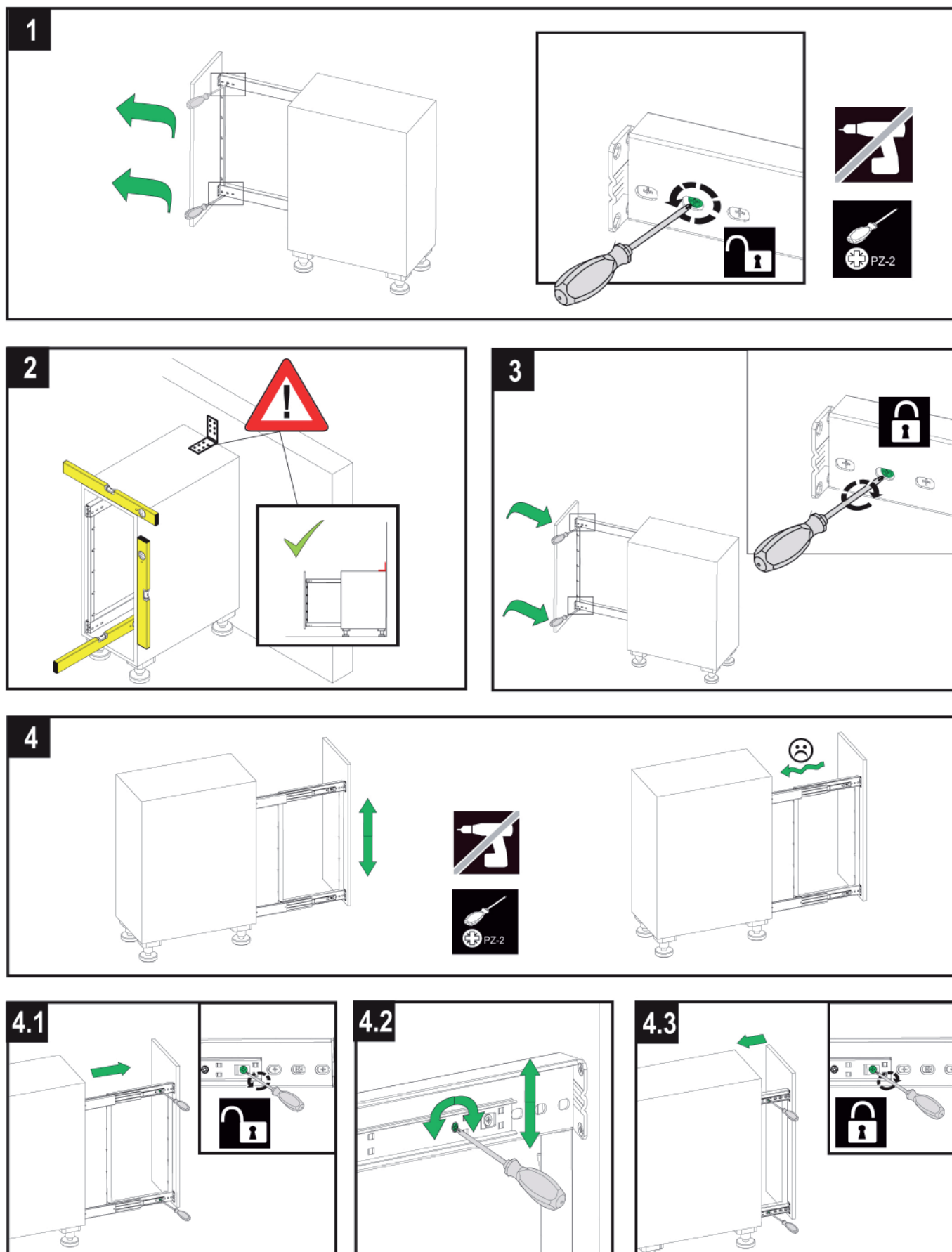
Demounting



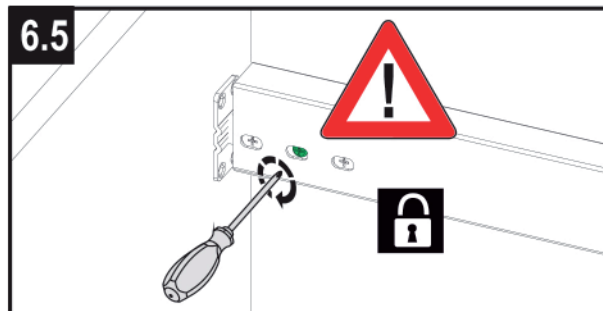
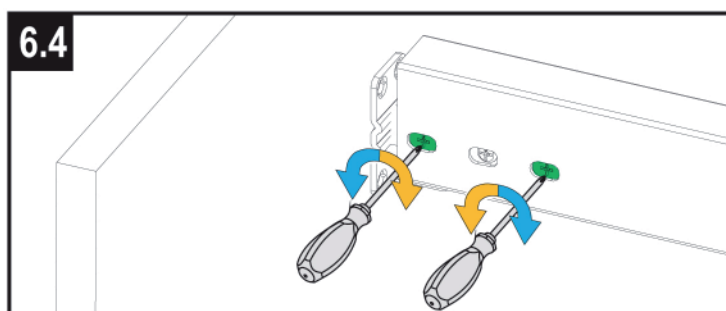
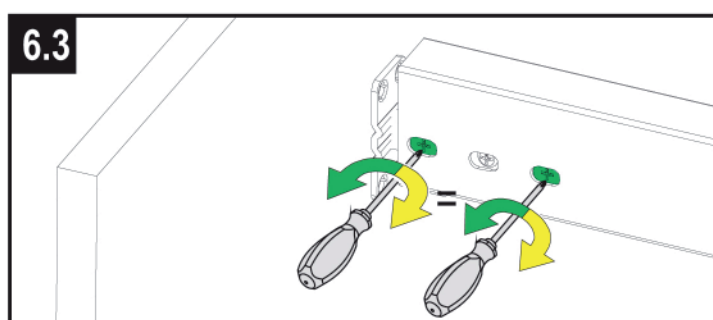
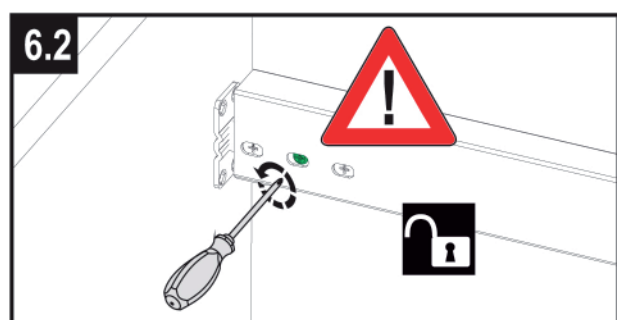
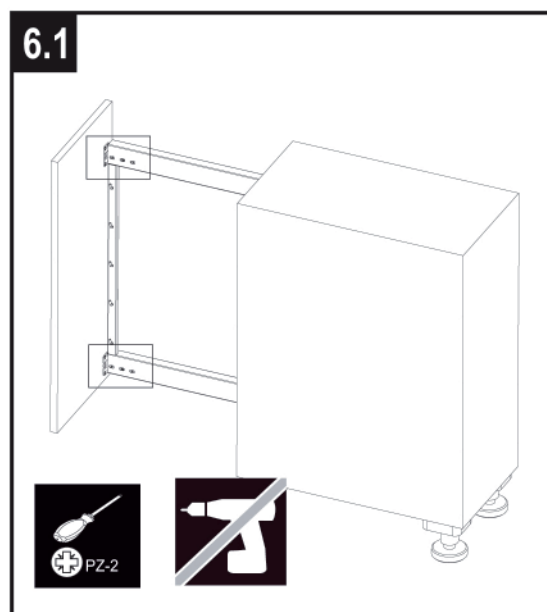
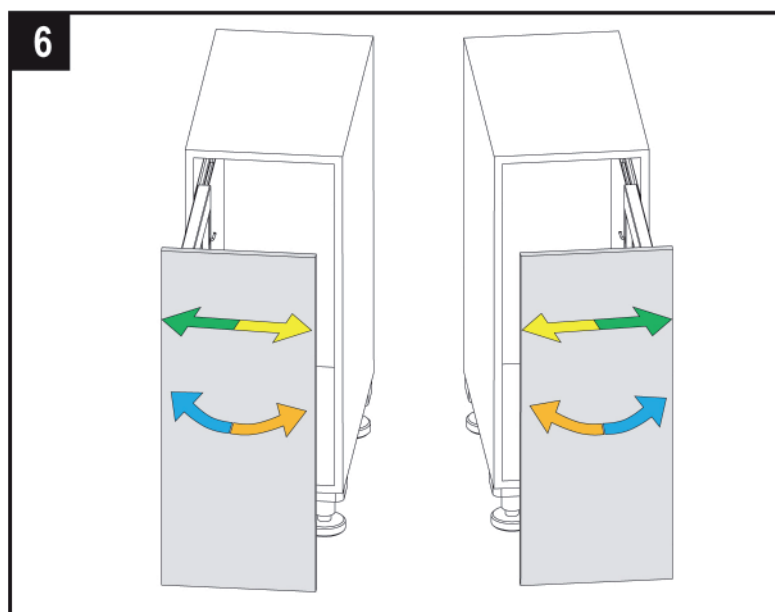
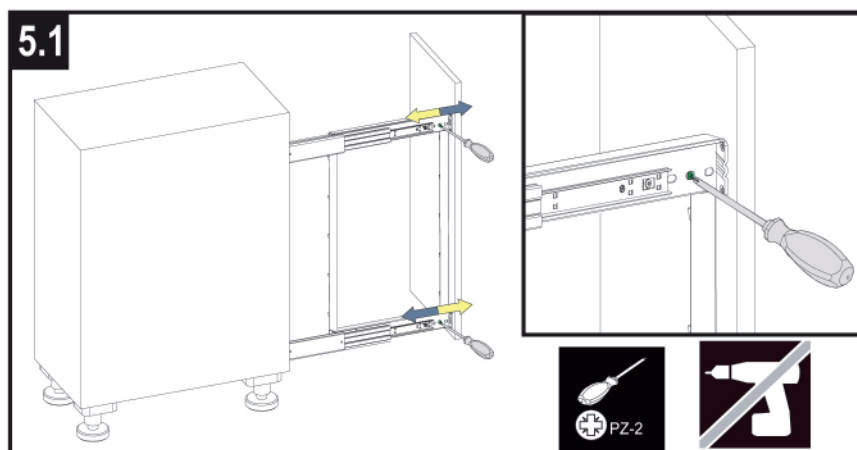
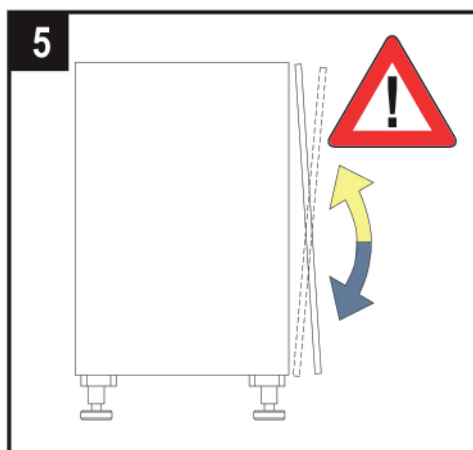
Pullout storage units T 15.. Z, TH 15.. Z, TW 15.. Z



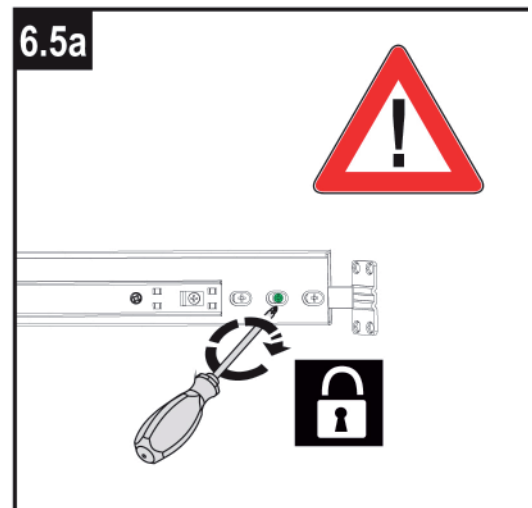
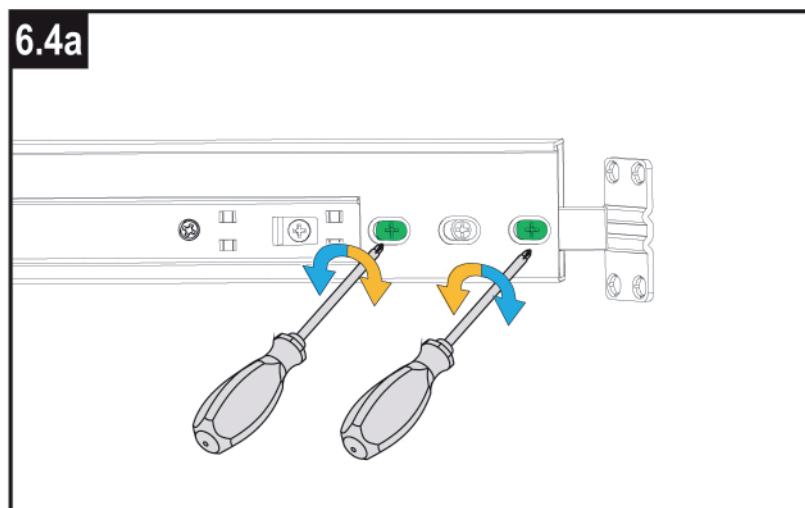
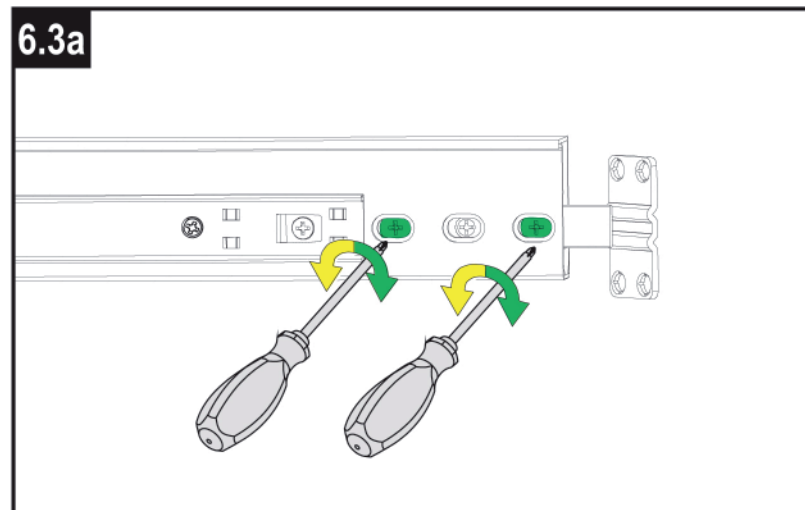
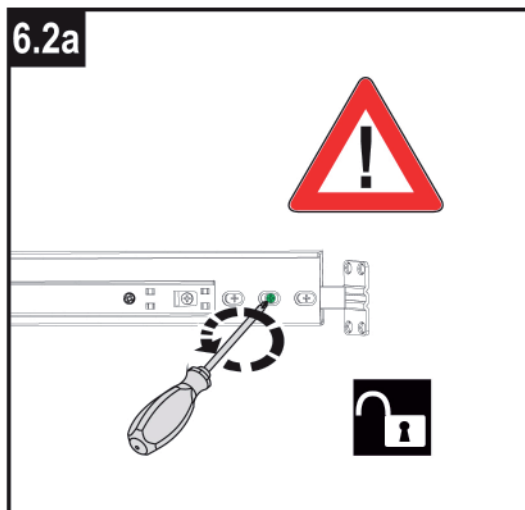
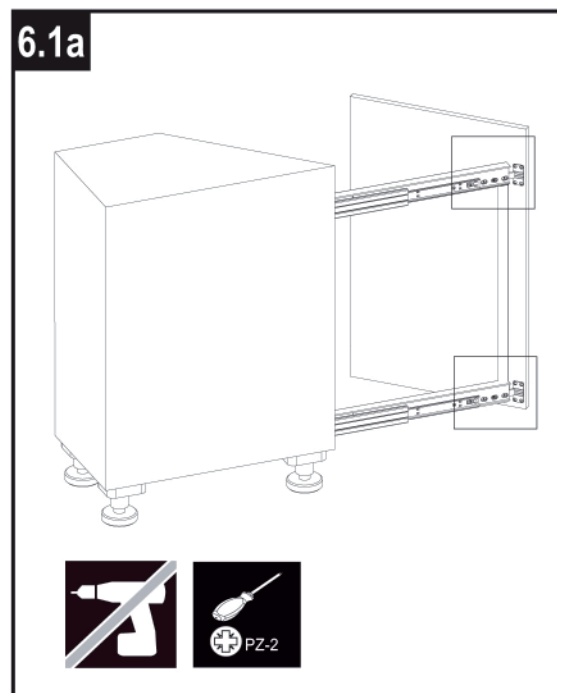
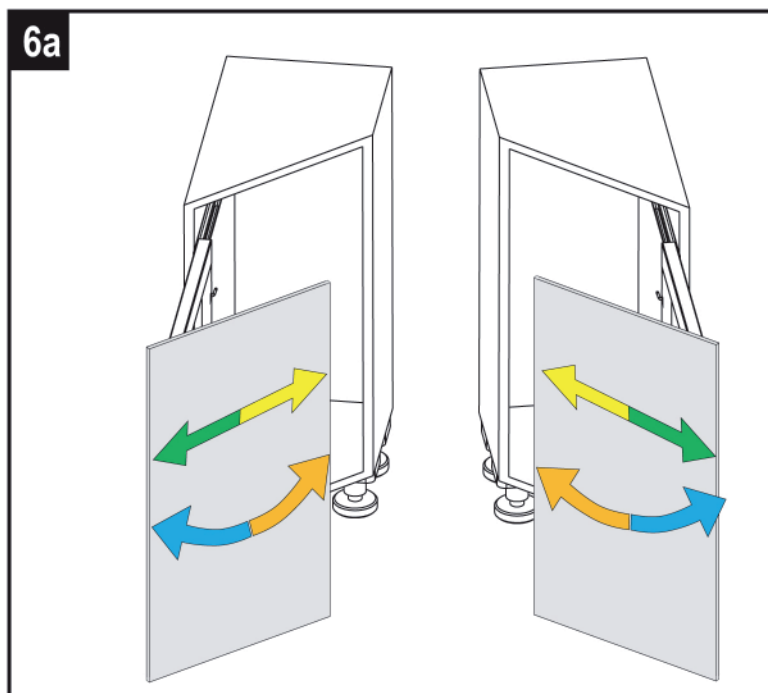
Pullout storage units T 30.. Z und TT 30.. Z



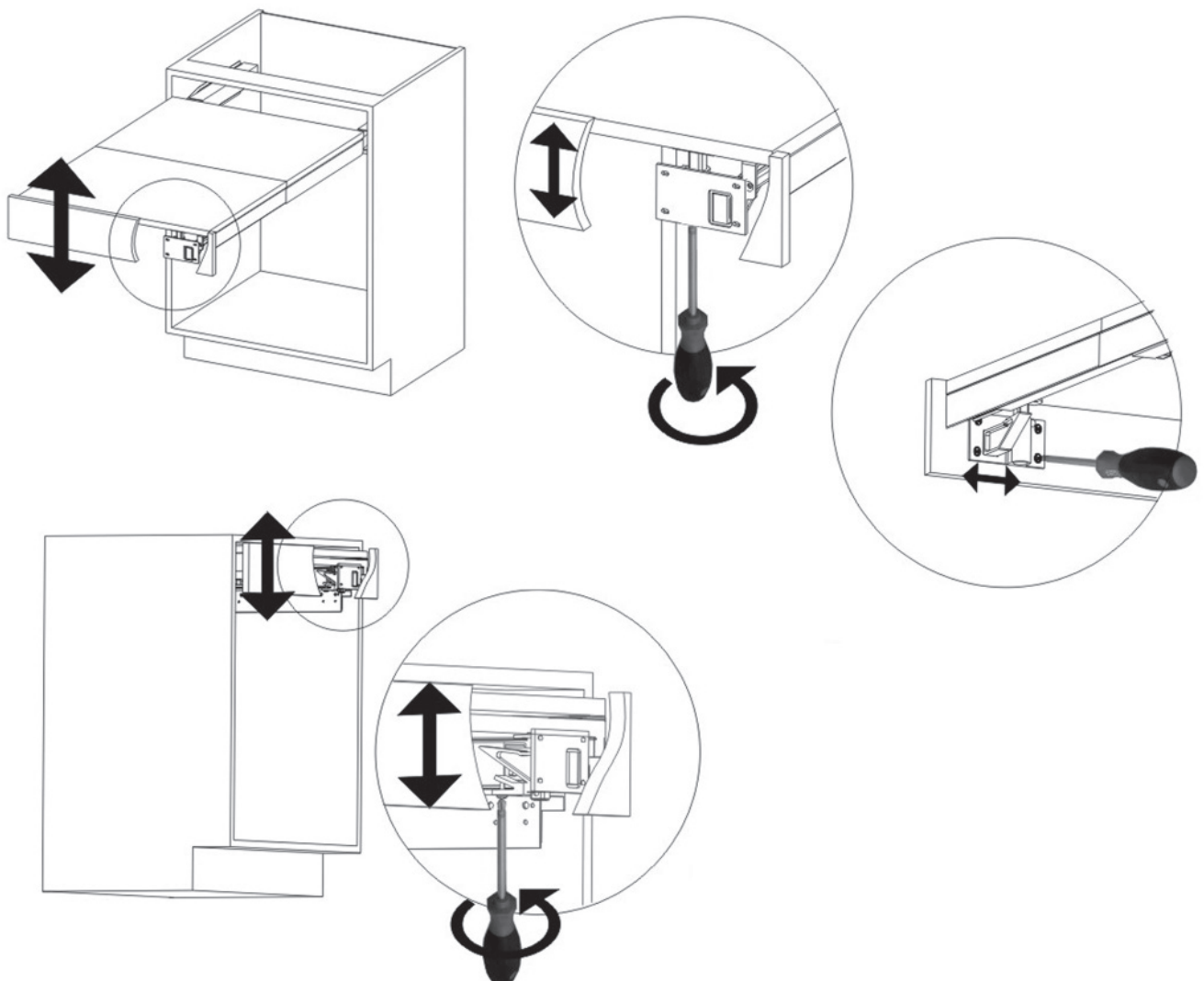
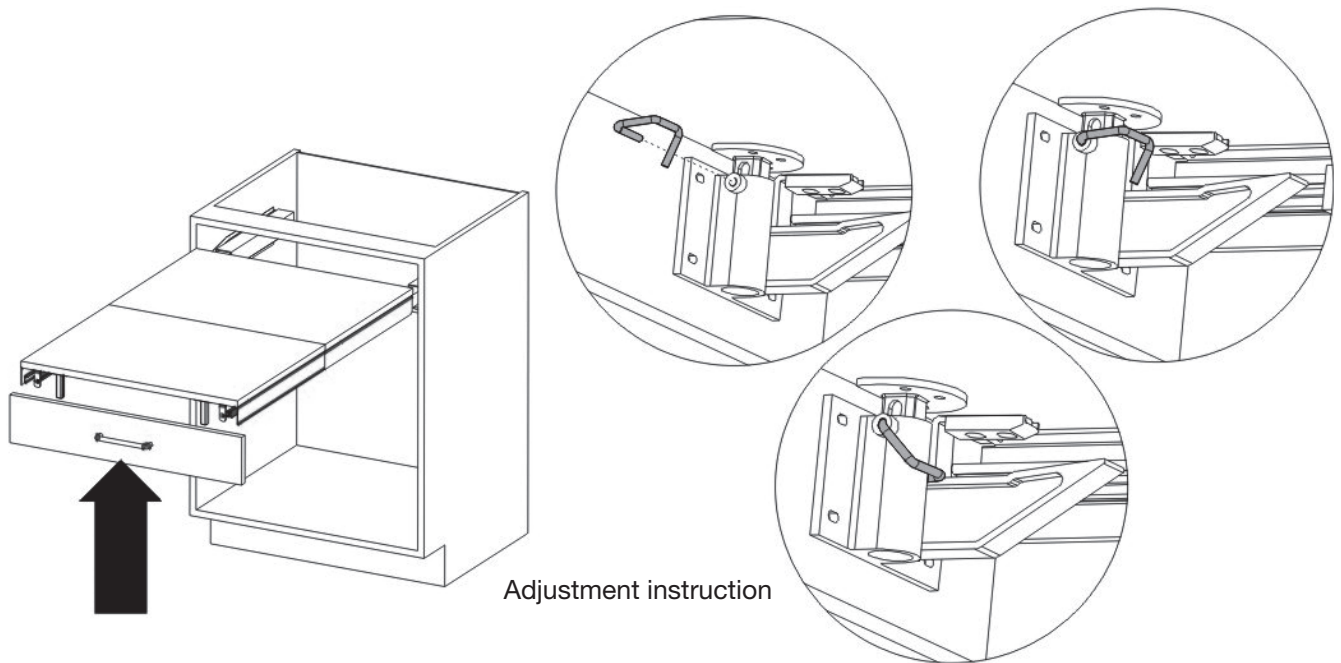
Pullout storage units T 30.. Z und TT 30.. Z



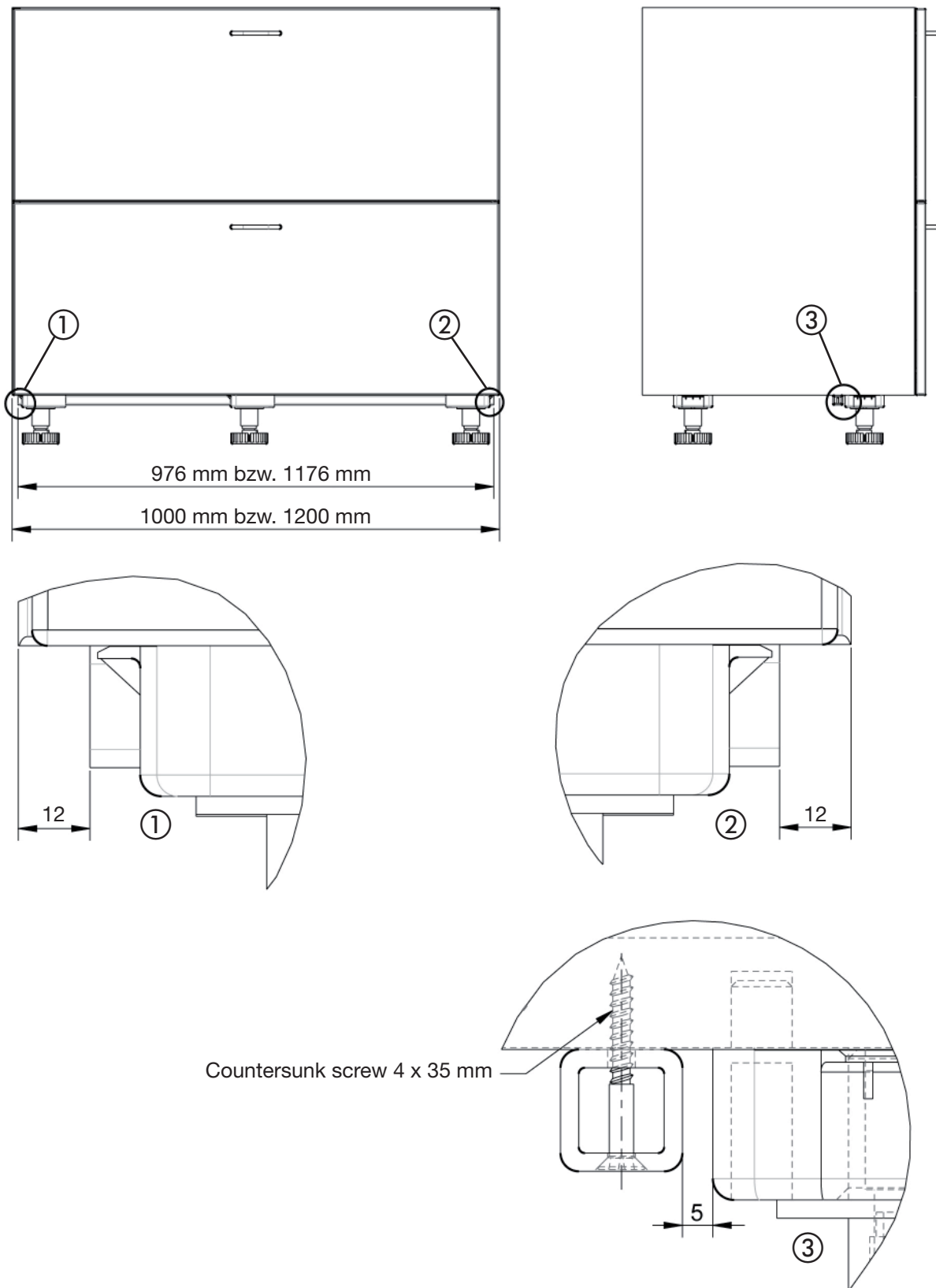
Pullout storage units TD 30.. Z und VD. 30 Z



Pullout table T 60 T., TS2T 60/8 Z



Pullout unit with floor support BU



Built under ovens TSU 60 SO, TSU 60/8 SO

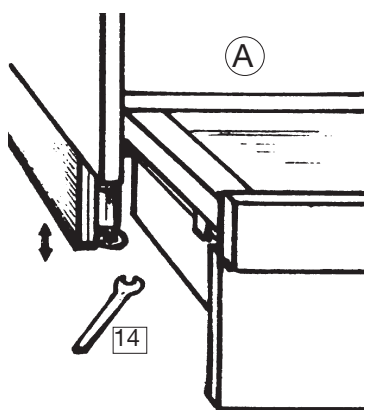
Before installation remove all temporary parts such as frame braces and transport strips from back of carcass, these are only for stability during transportation.

Cupboard type TSU 60 SO:

Ⓐ

Height adjustment

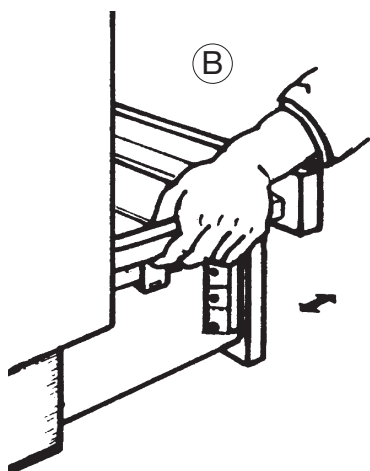
use a 10 mm spanner. Complete adjustments before installing any appliances.



Ⓑ

Removing:

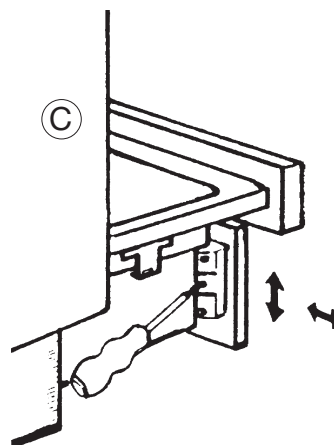
Open drawer fully and press in the plastic side stop release catches, drawer will then remove easily.



Ⓒ

Height and width adjustment of plinth cover:

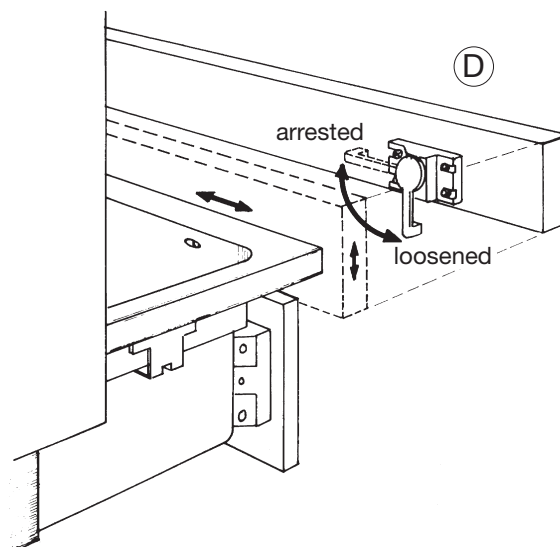
Loosen fixing screw (the middle screw), adjust vertically or horizontally. Retighten fixing screw.



Ⓓ

Height and width adjustment of front panel:

Loosen arresting lever. Adjust and retighten.



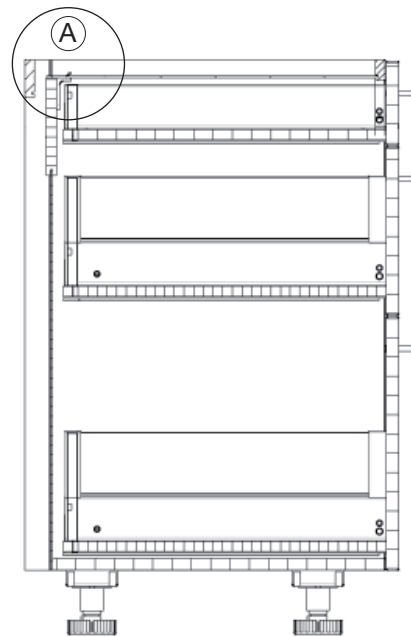
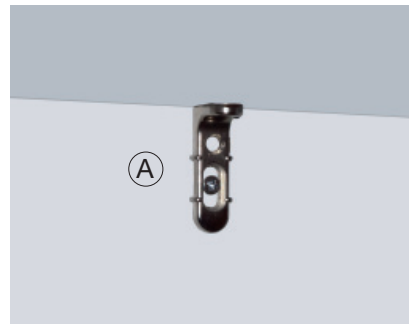
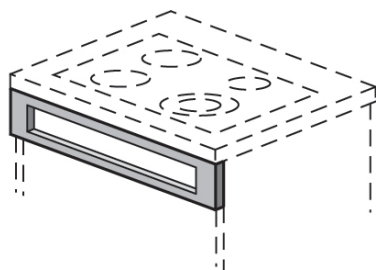
Hob units TK ... A

Hob units of the type **TK...A** are supplied with a loosely applied blender.

After undertaking the cut-out and installation of the appliance, the blender has to be securely glued in position. The shelf inside the cupboard can be removed for the electric installation (A).

Attention!

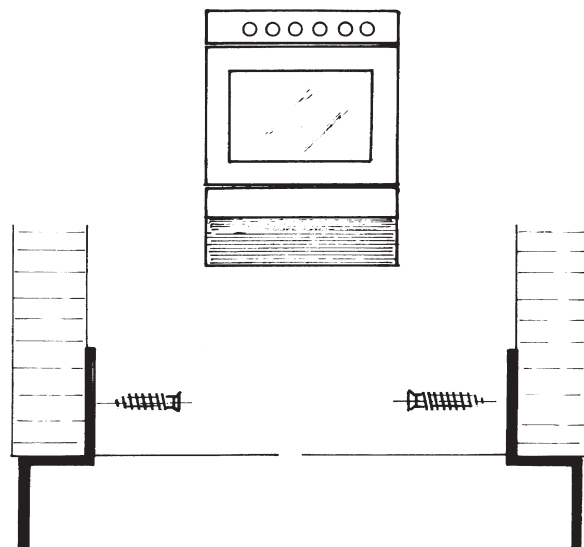
Electrical connections must always only be carried out by an approved electrician.



Heat protection shield WSL

For built-under and tall housing units with integrated ovens. To improve heat resistance, particularly for foil-wrapped fronts.

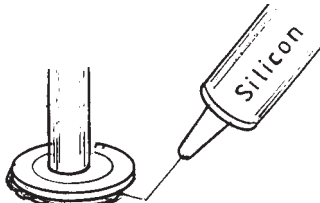
Please follow the instructions of the appliance manufacturer. **No** WSL can be fitted with certain appliances.



Dishwasher

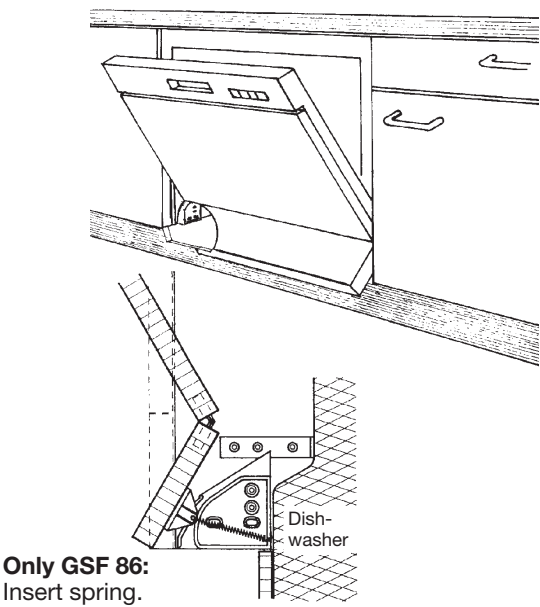
Dishwasher "integrated"

GSF .. /82, GSF .. /86 - Front



Caution !

The dishwasher must be secured with enclosed metal brackets or silicone at the front of the legs to prevent movement.



Dishwasher "fully integrated"

GVF, GVF7 - Front

Fix the solid wood blender (M) using the enclosed brackets (W) laterally within the niche (diagr. 1). Stick plastic angle profile (K) onto the solid wood blender with adhesive (Diagr. 1) fit 2 wooden blocks to prevent tilting of DW. Slide the appliance into position (Diagr. 2), following the fitting instructions for the appliance installation.

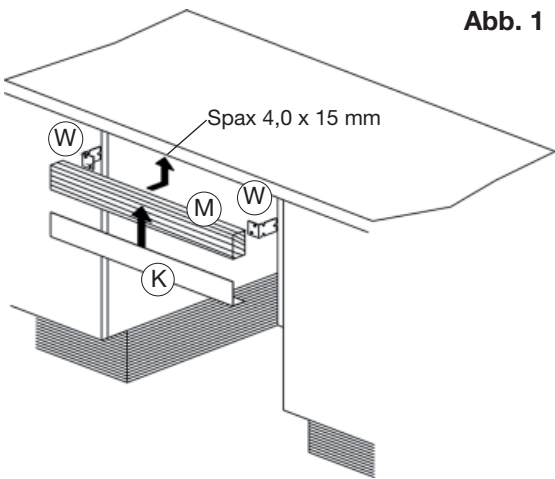
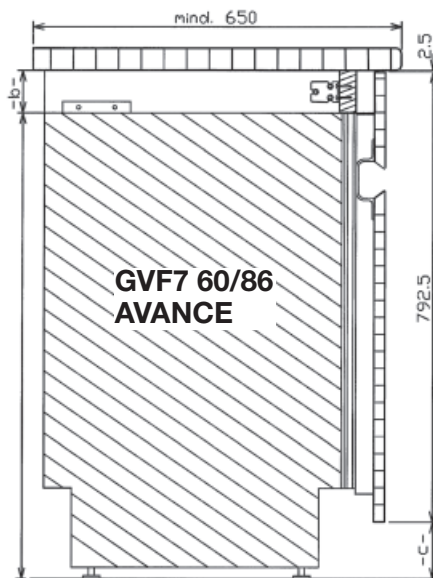


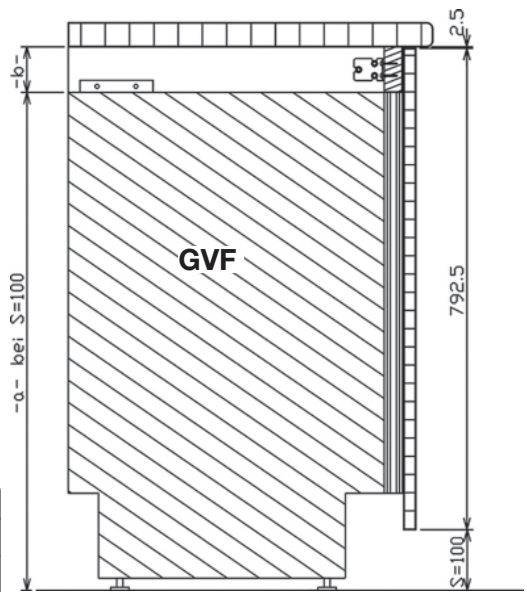
Abb. 1



Appliance height	-a-	-b-	-c-
840 - 860	870	25	100
840 - 860	870	45	120

Abb. 2

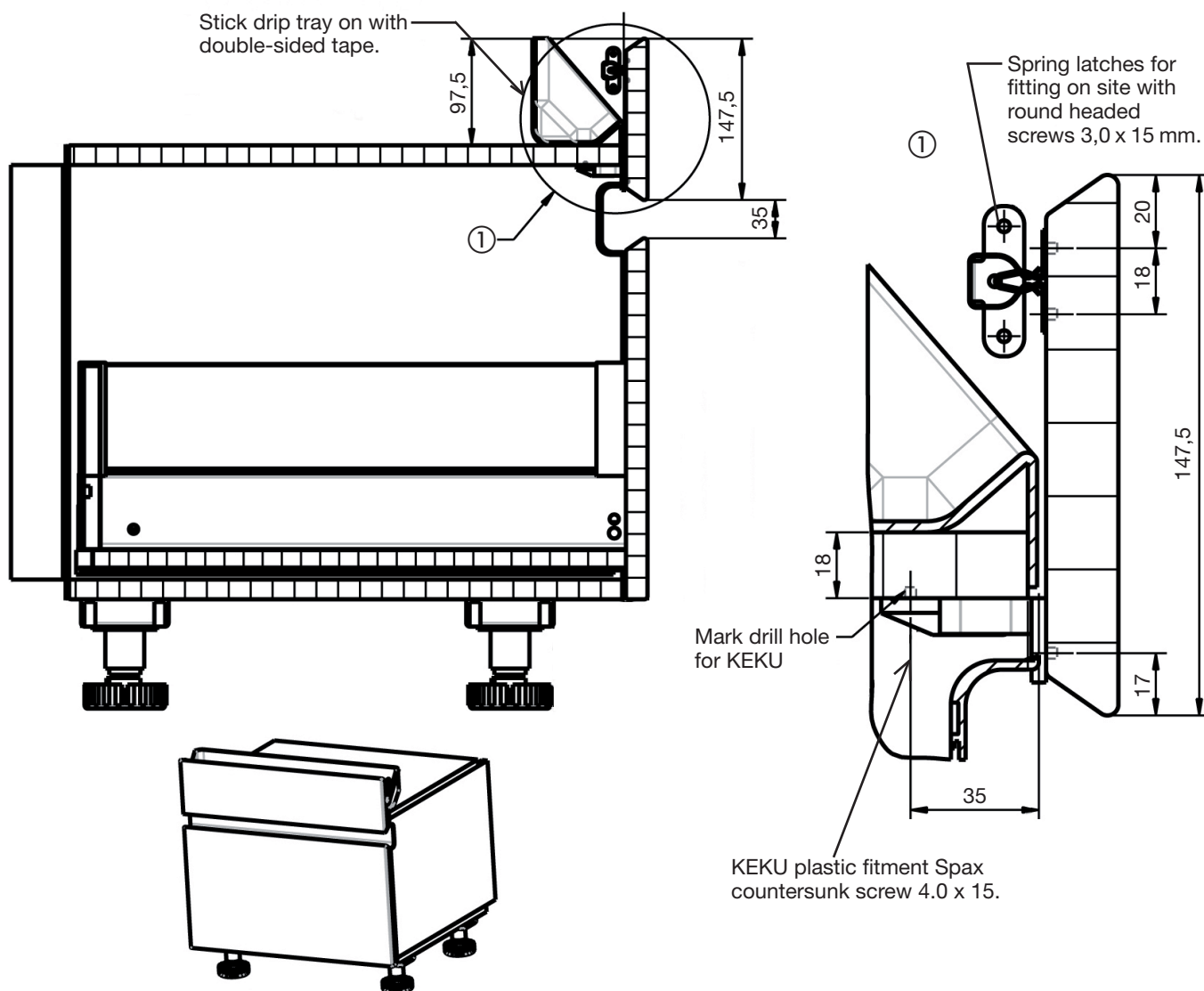
Appliance height	-a-	-b-
810 - 820	820	75
840 - 860	870	25



GVF7 60/86 A - connection to tall unit



TGSU 60/52 A - Dishwasher support AVANCE



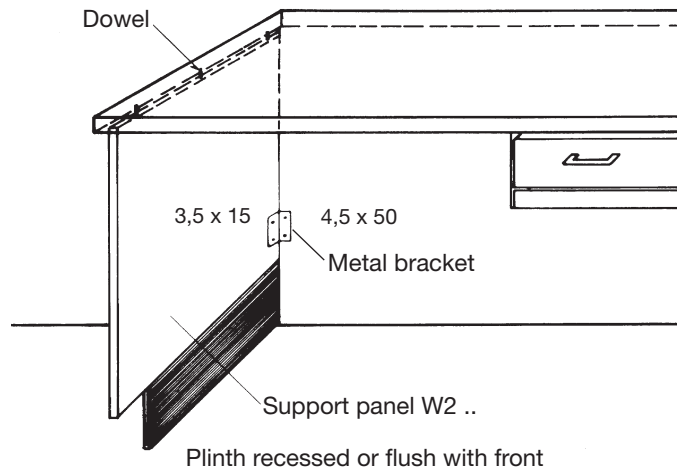
Support panel W2 ..

Align support panel to the wall and adjust to plinth height. Fit plinth to the resulting recess and cut off at the back.

Attention: The front plinth adjoins the W2 plinth at the side without plinth corner profile.

Glue dowels in place. Place support panel below worktop, secure with glue if necessary.

Glue all dowels. Place or glue support panel below worktop. Mark metal brackets, drill and screw.



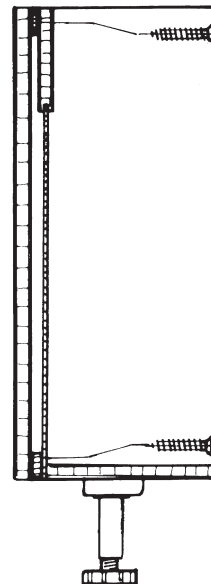
Rear panels

1. Continuous rear panelling-front material

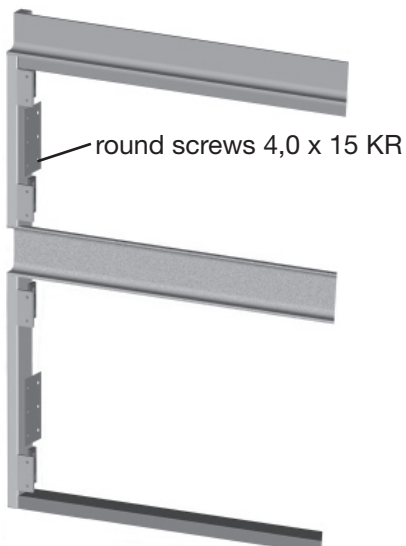
Align rear panelling at the side of cupboard and fasten by screwing from inside of cupboard and through RW frame with cheese head screws 5 x 55 mm according to carcass style, with recessed heads. Fixing of plinth cover is as for front with the exception of TE 80 and TE 90.

2. Divided rear panelling – original fronts

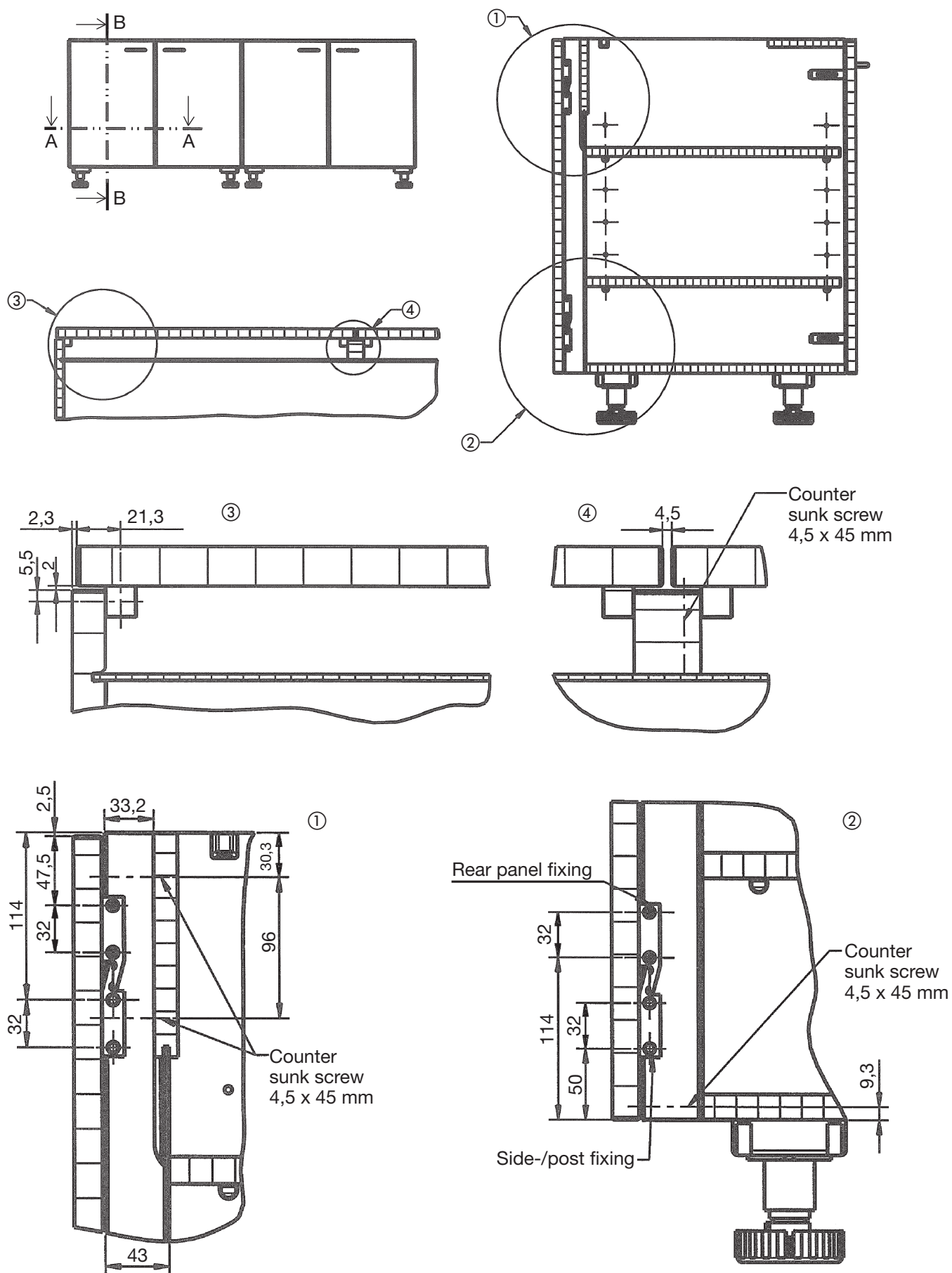
Rear panels in front style will, if transport allows, be supplied fixed onto cupboard (no overhang). Plinth fixing as pos. 1.



RU .. RA - Floor unit-rear panel AVANCE



Floor unit with rear panel



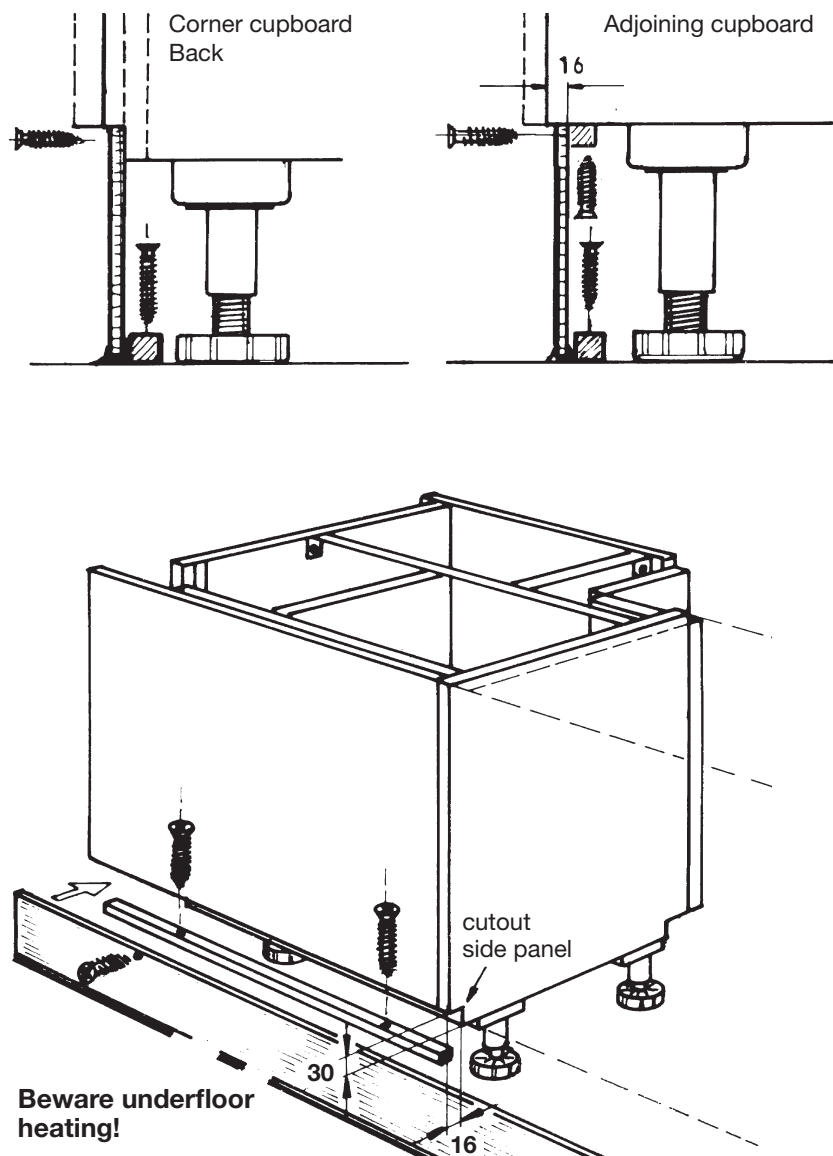
Rear panel and plinth cover for use with carousel corner units

Align base plate for rear panel to wall before starting installation. Also fix wooden strip for plinth cover to floor and perhaps to adjoining cupboards, taking care of hidden pipes and cables under floor (see sketch).

Fasten plinth cover with enclosed screws
4.0 x 28 mm.

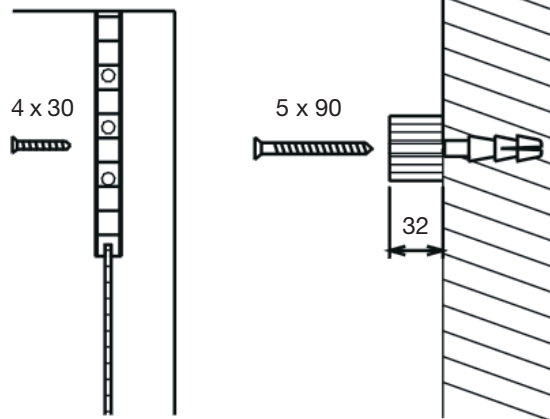
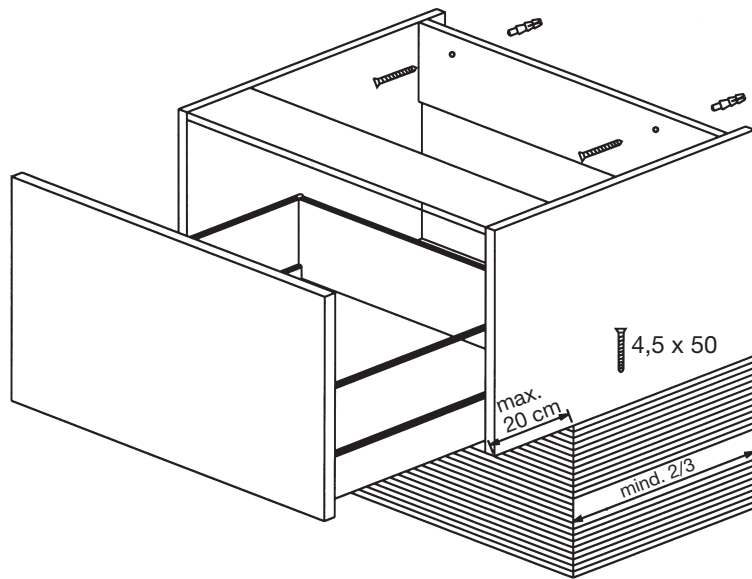
Press on screw caps.

Fix rear panel with dowels.

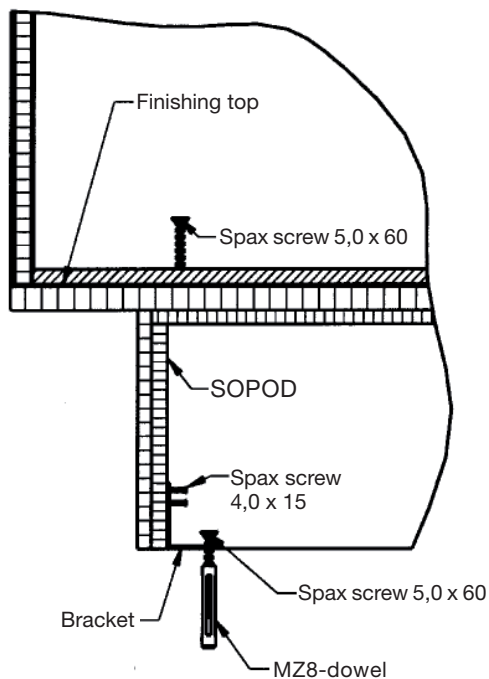
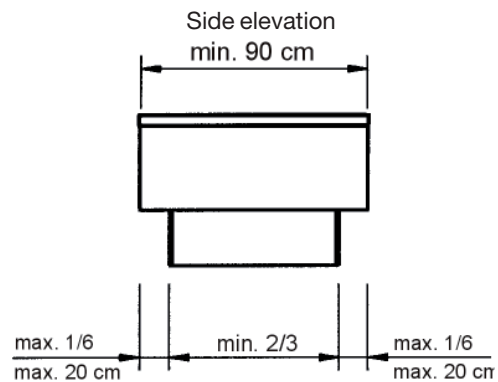
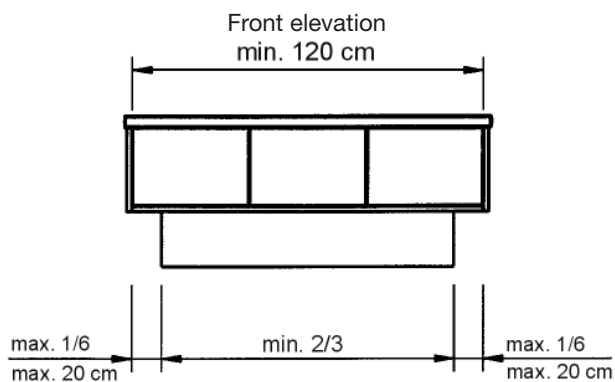
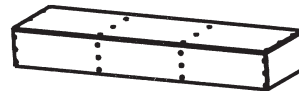
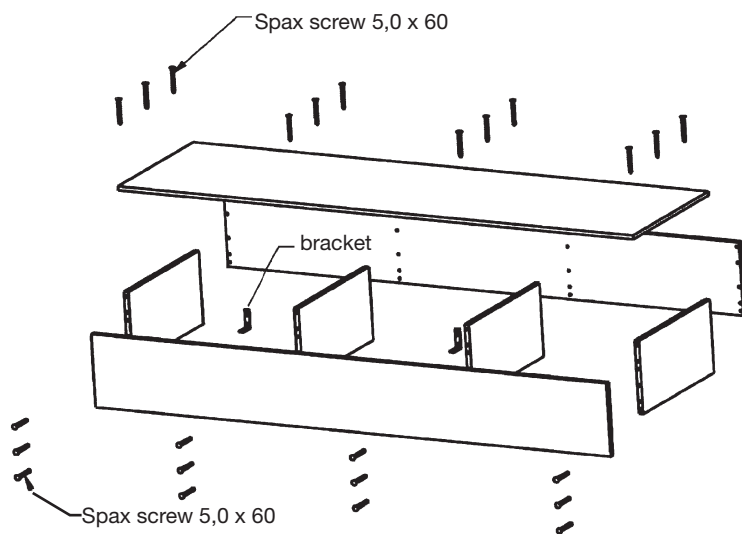


Floor units on plinth base - wall fixed:

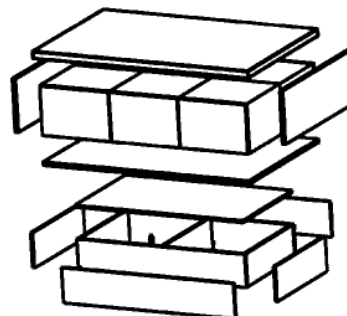
Max. space front (plinth recess): $\frac{1}{3}$ of the cupboard depth with max. 20 cm.
Plinth base supplied on site.



SOPOD - plinth platform

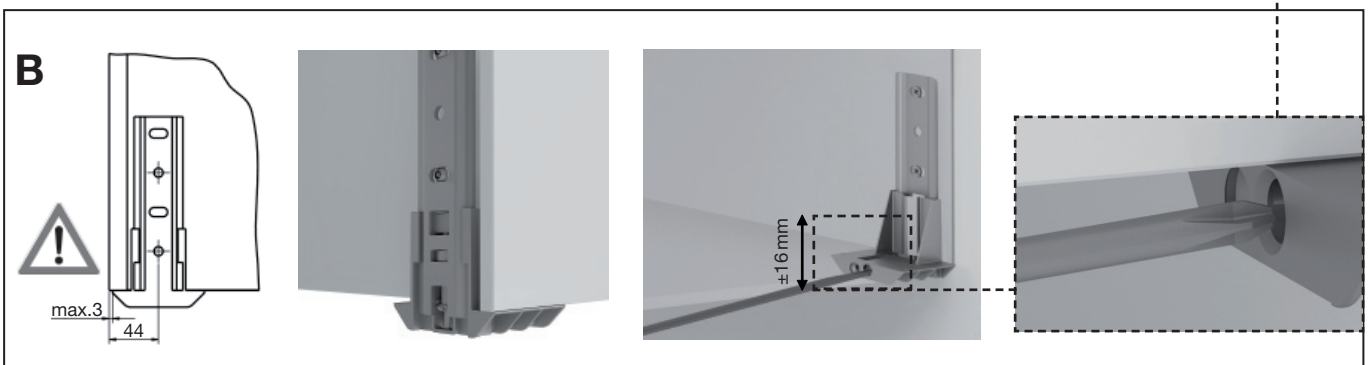
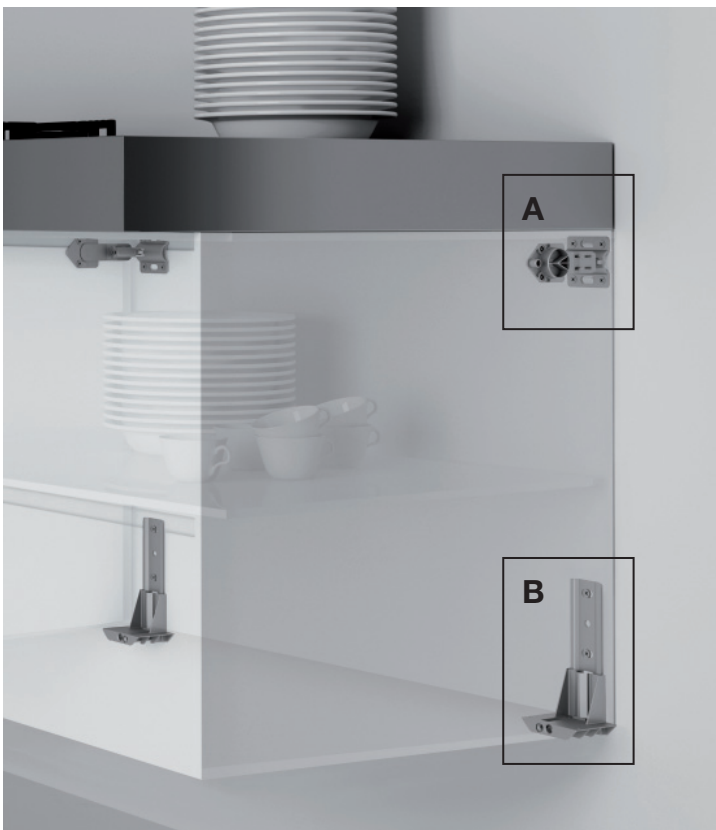
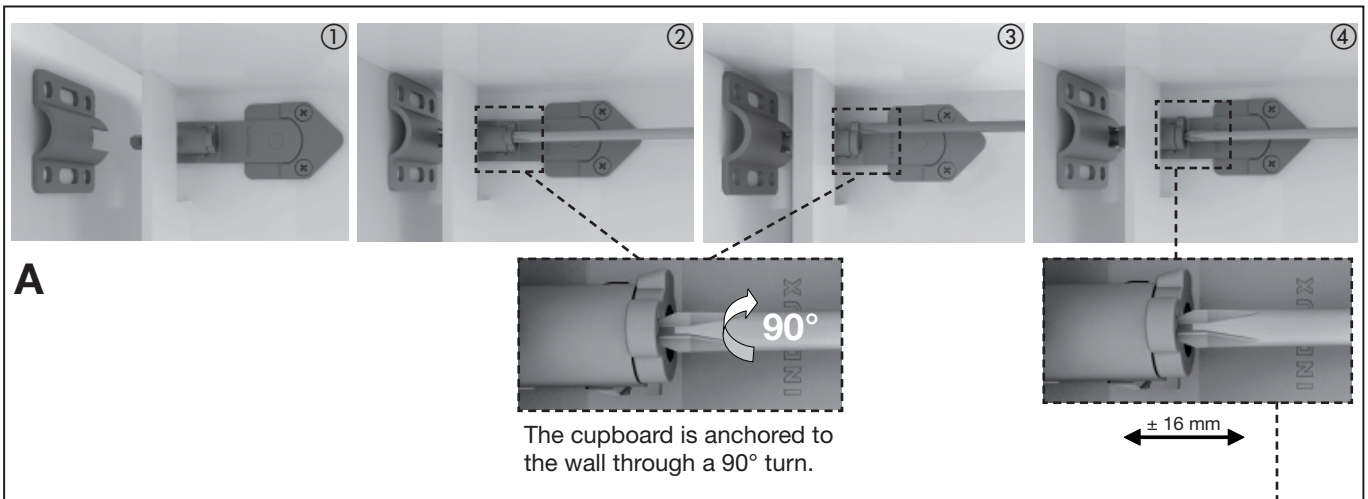


When using the plinth platform all parts must be tightly screwed to each other.

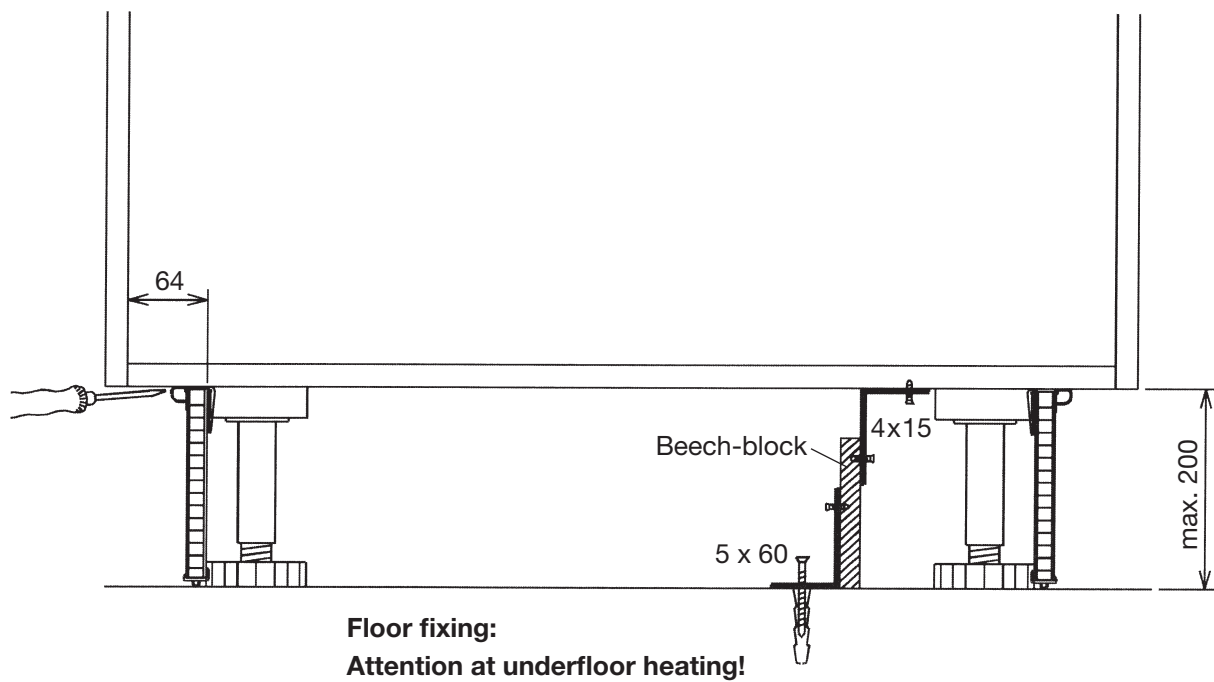
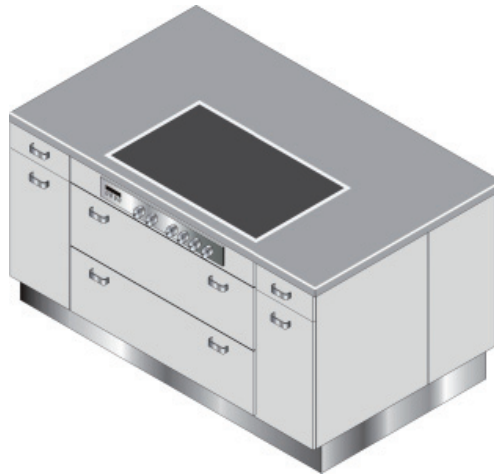


Floor fixing:
Be aware of under floor heating!

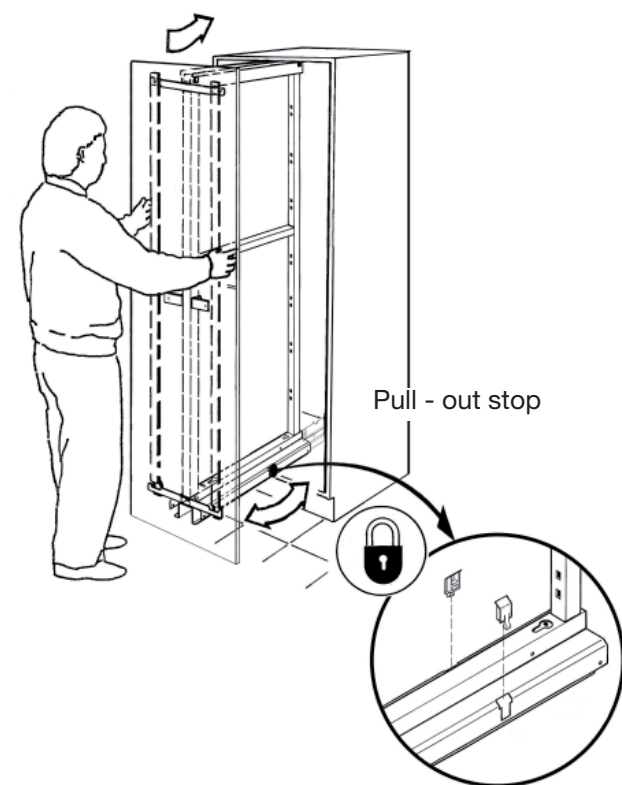
AN-TOSO Suspended floor units



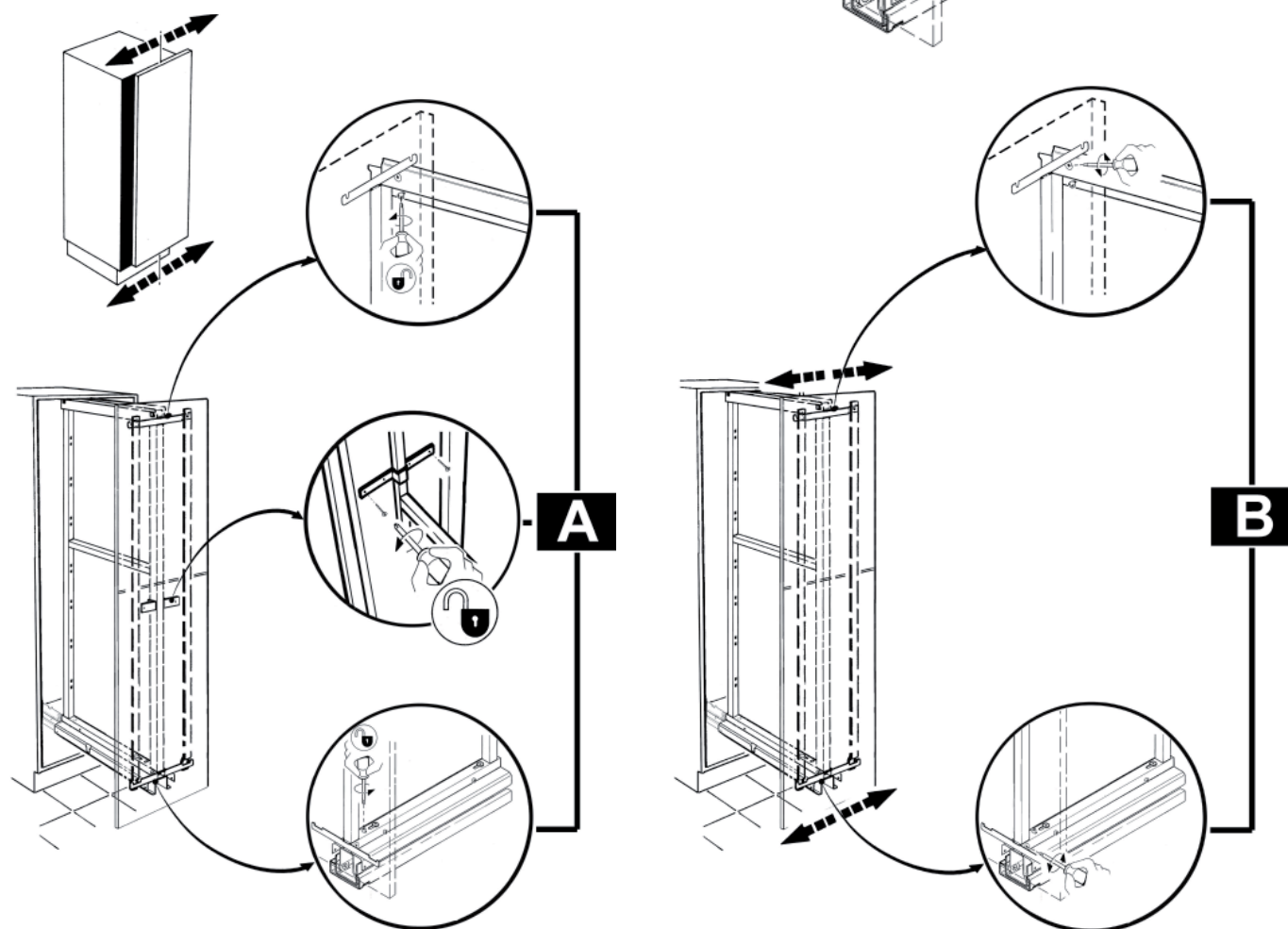
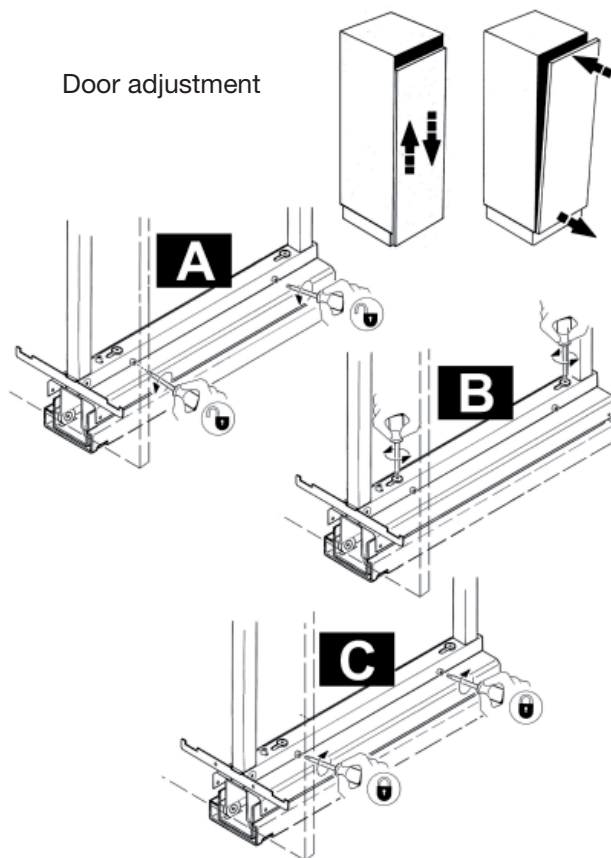
Floor units on plinth - island solution



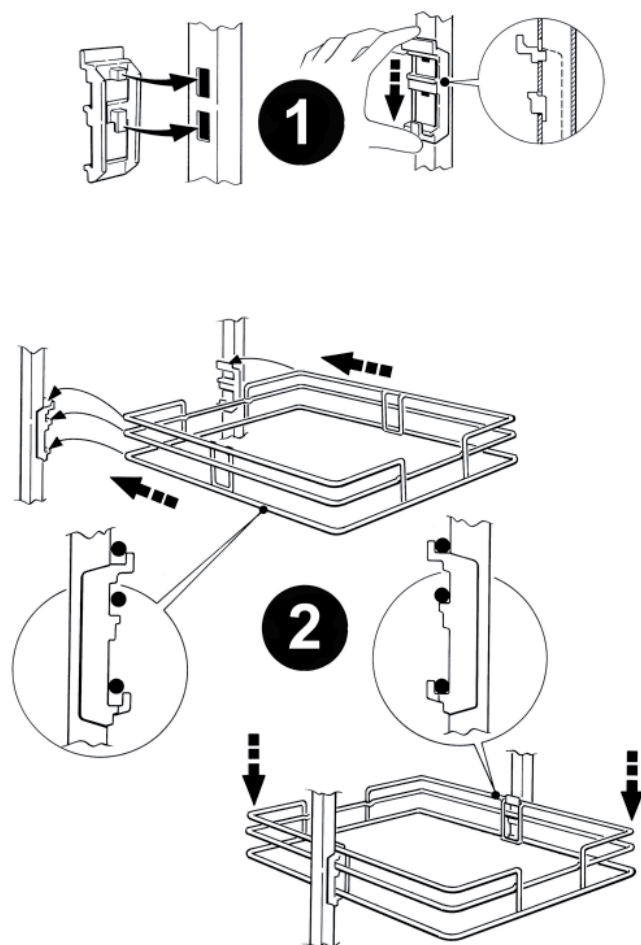
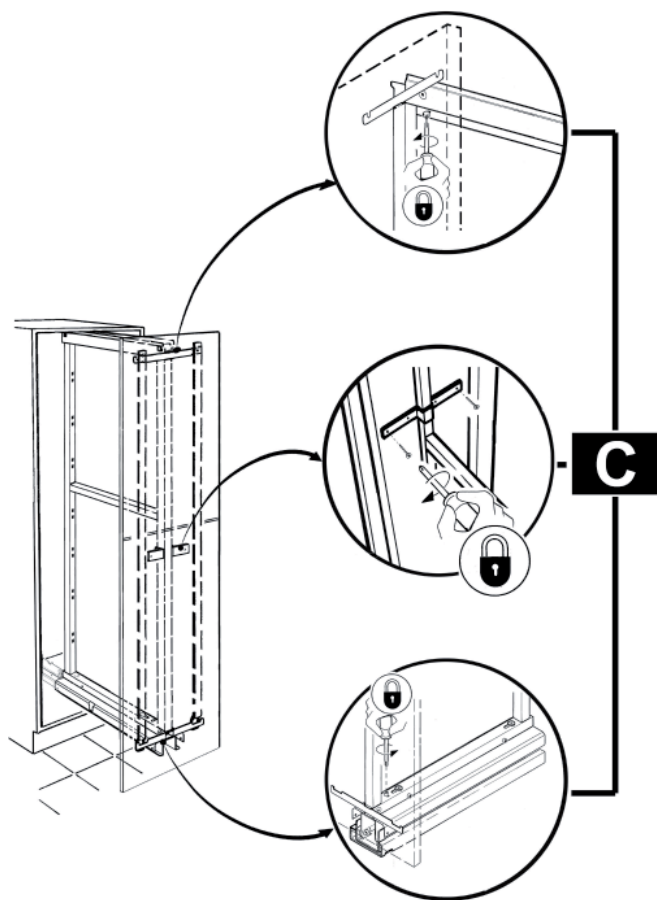
Pullout storage unit



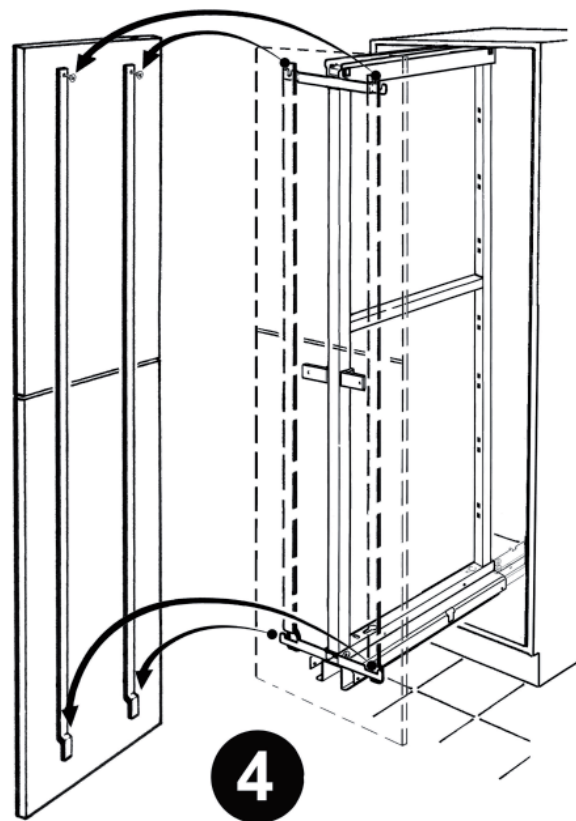
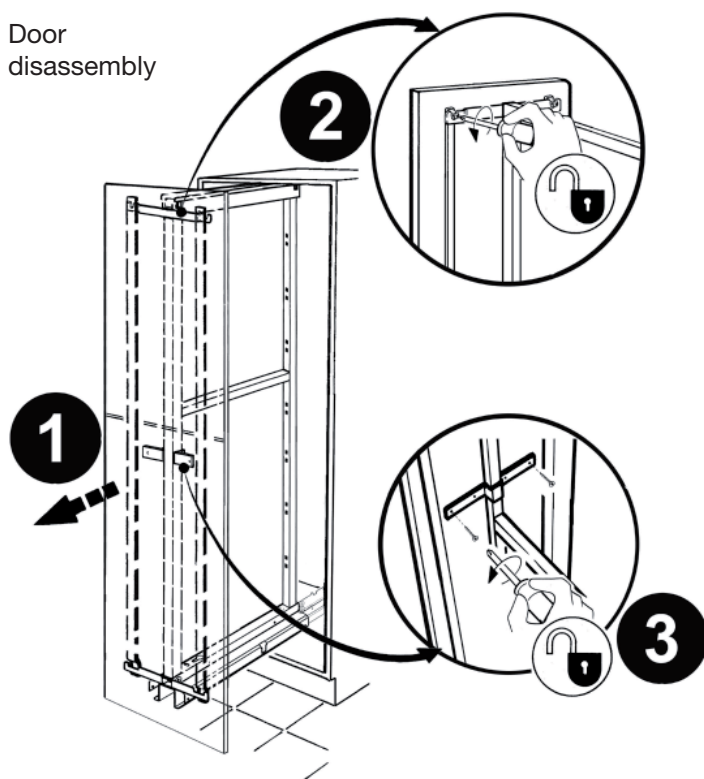
Door adjustment



Pullout storage unit



Door
disassembly



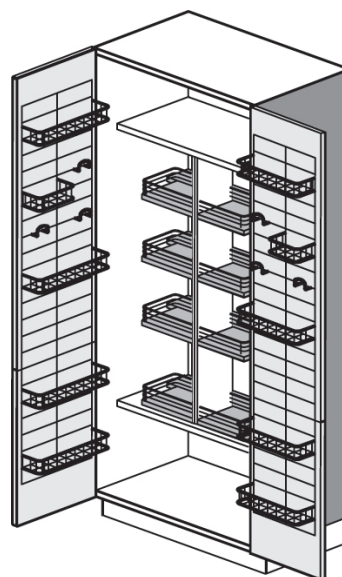
Storage-Centre

VC 90, VCM 90, VCL 90

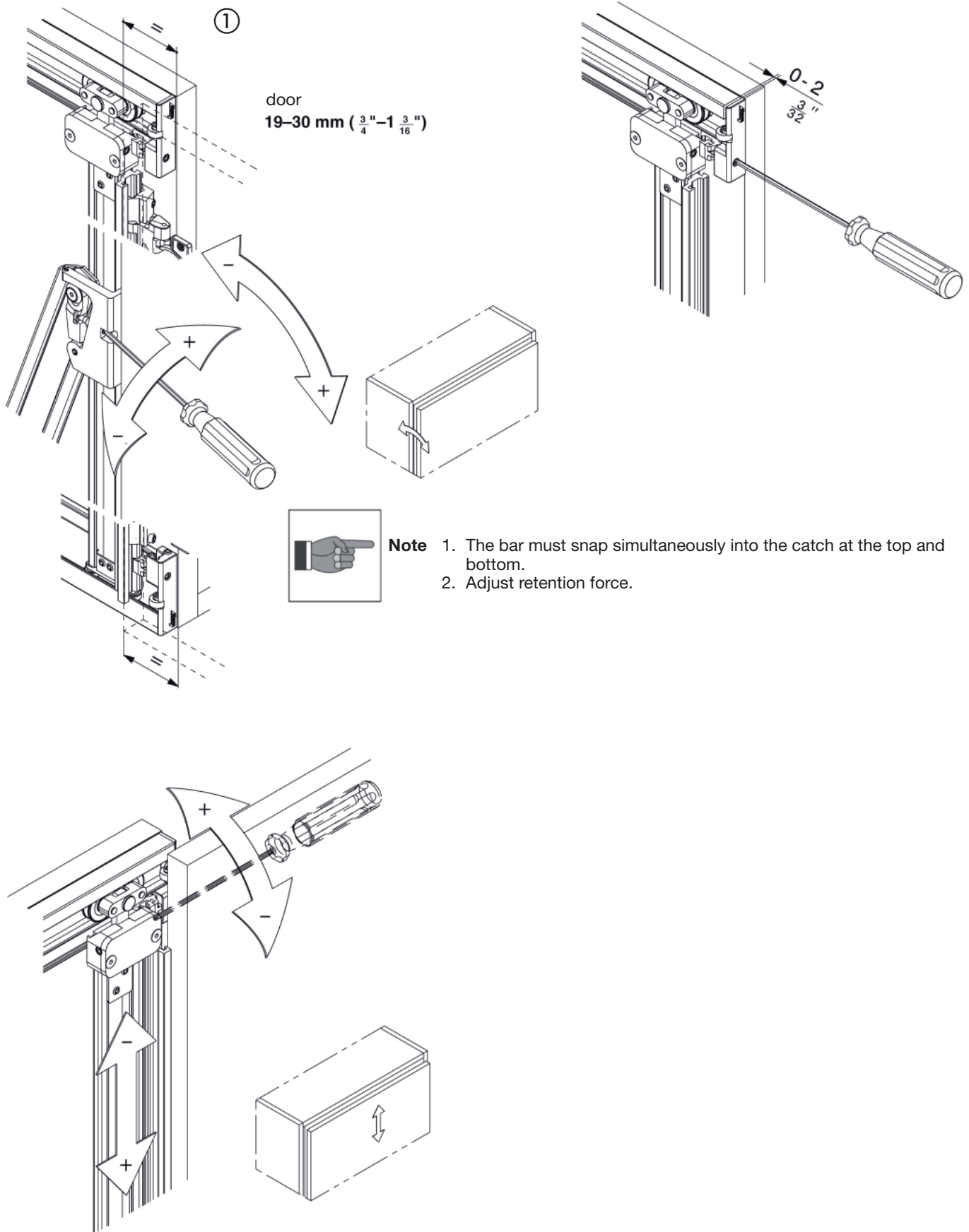
This cupboard is constructed in such a way that it can be dismantled in the event of transport difficulties.

To dismantle, proceed as follows:

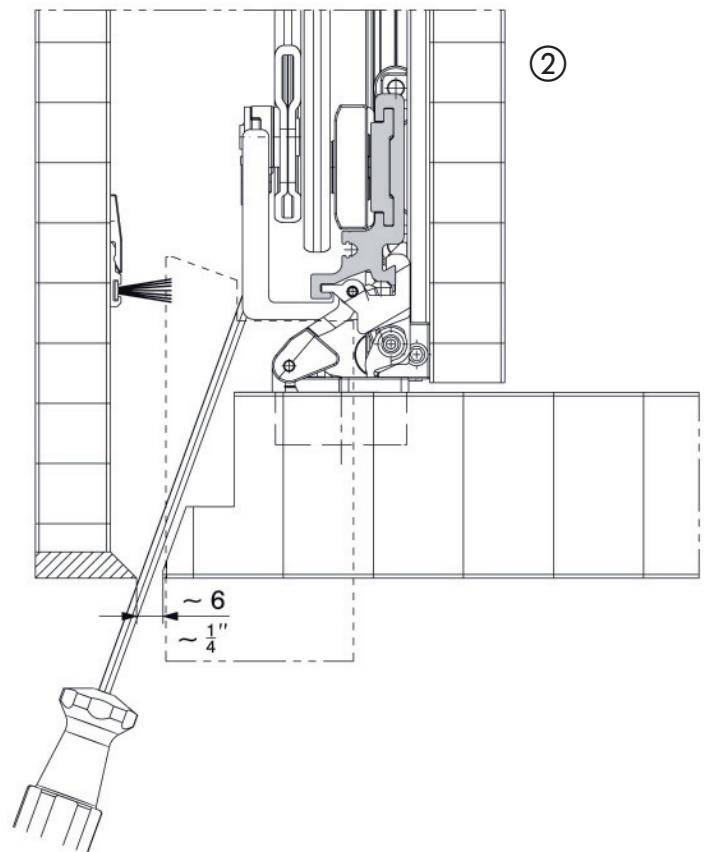
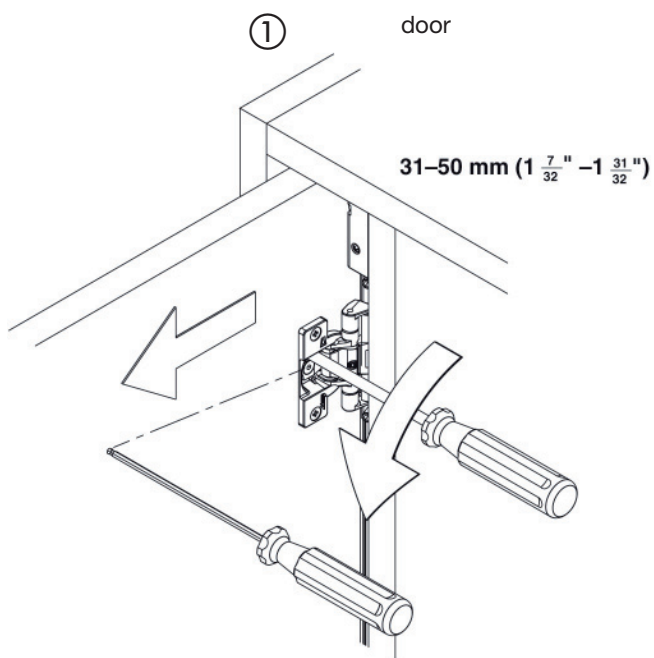
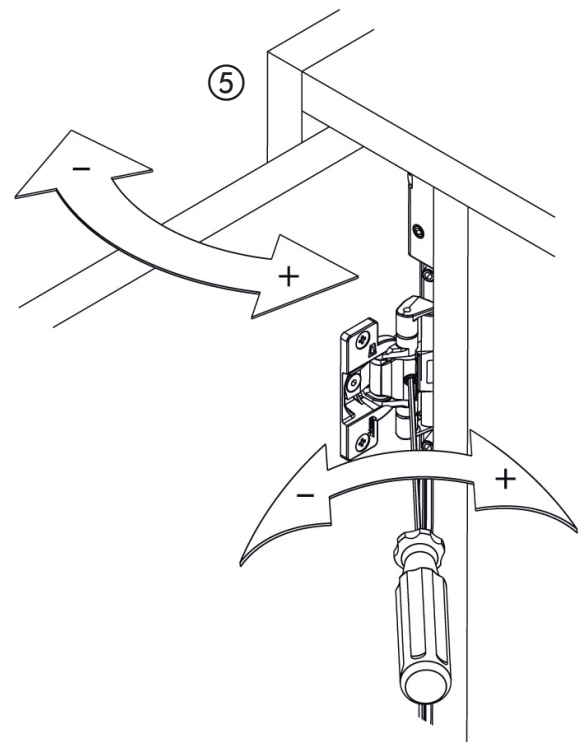
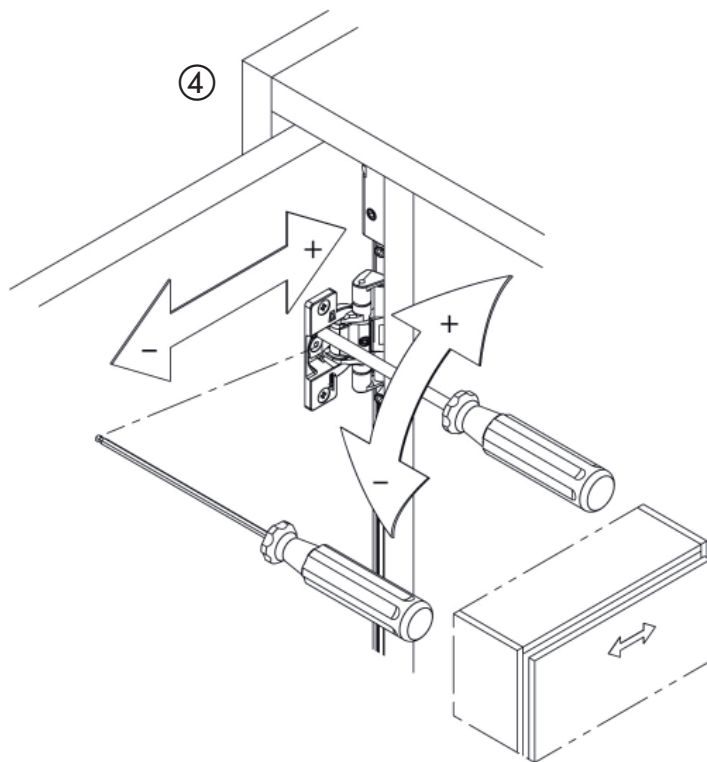
- Remove doors completely.
- To remove the swing-out shelves, remove screws from upper part of bracket and lift out bottom pin.
- Remove loose shelves.
- Remove rear panel.
- Turn cupboard over or position at an angle and remove metal support.
- Detach metal floor by unscrewing screws from underside.
- Remove all shelf-fastening fittings from inside of cupboard.
- To reassemble, proceed in reverse order.
- Use enclosed metal brackets for wall fixing.



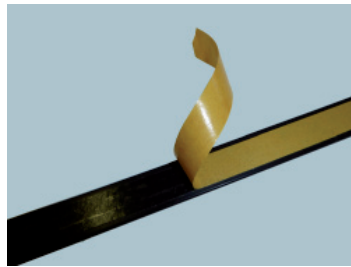
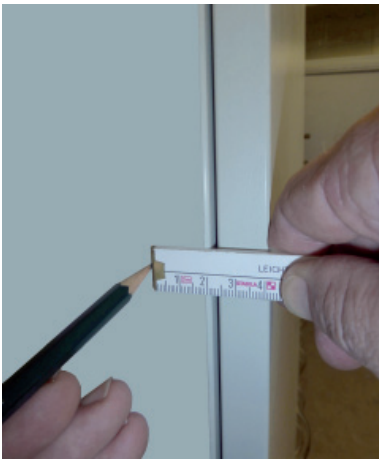
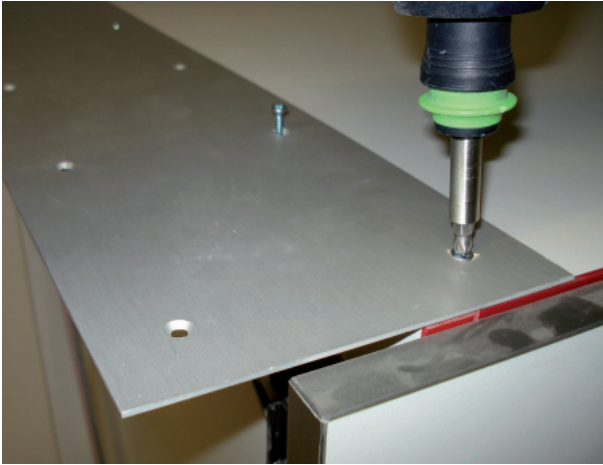
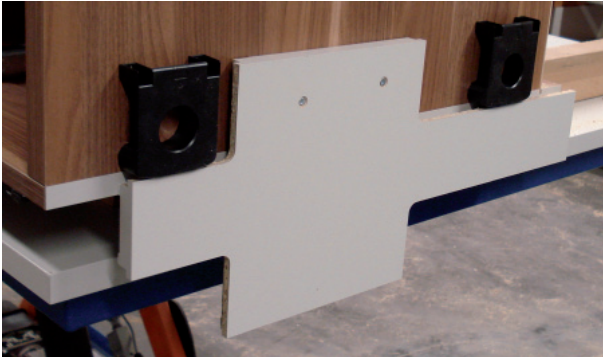
Slide-away doors cupboard



Slide-away doors cupboard



Slide-away doors cupboard



Slide-away doors housing unit





Technical Data:

Mains Voltage:	230-240V, 50-60Hz
Performance:	overall max. 3.650 W
Selector shaft:	< 25W
Safety class system:	⊕ Appliance ⊞ Contact switch Safety class 1 – sockets
Protection category:	IP20
max. Ambient temperature:	40°C

Safety instructions:

Attention!

1. Disconnect mains for all work on the system.
2. Mains connection must have 16A fuse.
3. The output of the Safety Box is limited to maximum 3.650 W.
This may be collected from a socket or distributed to others.
4. It is essential that the Safety Box is not fitted to a place where it heats up above the permitted ambient temperature of 40°C.
5. No warranty claim valid for unauthorised alterations.
6. Installation and connection solely by professional persons.
7. Follow installation instructions of the VDE 0100.

Assembly

- Fit touch sensitive switch and connection via plug and socket connection at safety box.
Lay the cable in such a way so that there is no stress on the connection on opening.
Concurrent switching of several safety boxes via one contact switch is not permitted.
- Fix safety box in a suitable position. The surround environment must not be warmer than 40°C. An appropriate distance to the heat source (e.g.oven) must be maintained.
- Make connection of the appliances via socket on the safetybox.
- Plug mains plug in suitable socket.
This socket must be made safe with a 16A fuse.
- Use only original components.

Function

The safety box controls each of its 3 sockets separately.

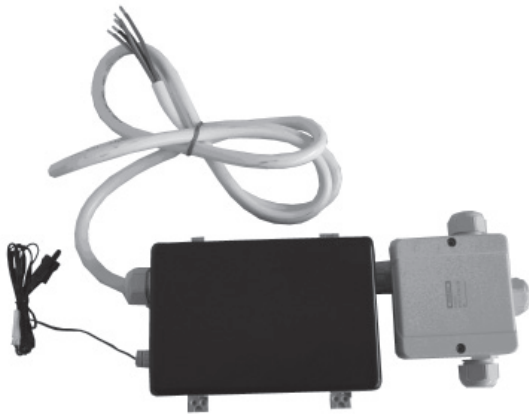
If the contact switch is activated through closing of the door, the automatic switch-off is armed after 10 seconds. This response time serves to avoid an immediate switch-off should the door be closed accidentally.

The automatic switch-off mechanism is activated for the time that the contact switch is pressed down. In this time span the sockets are switched off permanently if more that 25W are used.

As soon as the door is opened, all sockets are reactivated.

Keep user instructions safe!



SBOX Safety-Box 380



Technical Data:

Mains Voltage: 230-240V, 50-60Hz
Performance: L1 max. 3.650 W / 230/240V
L2 max. 3.650 W / 230/240V
L3 max. 3.650 W / 230/240V

Selector shaft: < 25W

Safety class system:  Appliance
 Contact switch

Safety class 1 – connections

Protection category: IP20

max. Ambient temperature: 40°C

Safety instructions:

Attention!

1. Disconnect mains for all work on the system.
2. Mains connection must have 16A fuse per phase.
3. The output of the Safety Box is limited to maximum 3.650 W.
4. It is essential that the Safety Box is not fitted in a place where it heats up above the permitted ambient temperature of 40°C.
5. No warranty claim valid for unauthorised alterations.
6. Installation and connection solely by professional persons.
7. Follow installation instructions of the VDE 0100.

Assembly

- Fit touch sensitive switch and connection via plug and socket connection at safety box. Lay the cable in such a way so that there is no stress on the connection on opening. Concurrent switching of several safety boxes via one contact switch is not permitted.
- Fix safety box in a suitable position. The surround environment must not be warmer than 40°C. An appropriate distance to the heat source (e.g. oven) must be maintained.
- Connection of the appliances to the safety box must be undertaken by authorised personnel only. Followed by professional connection of the power line. The mains connection must be made safe with 16A fuse per phase. Phase L1 must always be connected. The internal control of the safety box gets its electricity via L1. If this is not connected then all outlets are dead.
- Use only original components.

Function

The safety box controls each phase separately.

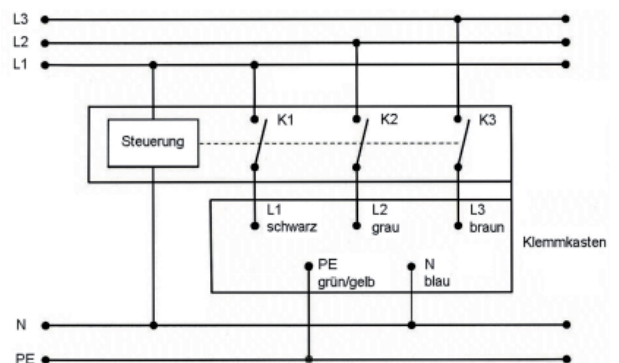
If the contact switch is activated through closing of the door, the automatic switch-off is armed after approx. 90 seconds. This response time serves to avoid an immediate switch-off should the door be closed accidentally.

The automatic switch-off mechanism remains activated for the duration that the contact switch is pressed down. During this time the separate phases are switched off permanently if more than 25W are used.

As soon as the door is opened, all phases are activated again.

Keep user instructions safe!


Anschlusschema



Front arrangement with sequential grain figuring

Programme 253 AKZENT, 267 AMICA
219 ORLANDO, 222 SYNTHIA
270 TIMBER

The fronts of above programmes are being produced with selected grain figuring for each cup-board, i.e. the grain figuring or the laminate décor continue across the fronts of adjacent units. When installing the kitchen, it is essential to maintain the sequence determined by the factory. For ease of recognition, each front sticker contains a „Parts number“. The numbering starts with „1“ ascending from the lowest front.

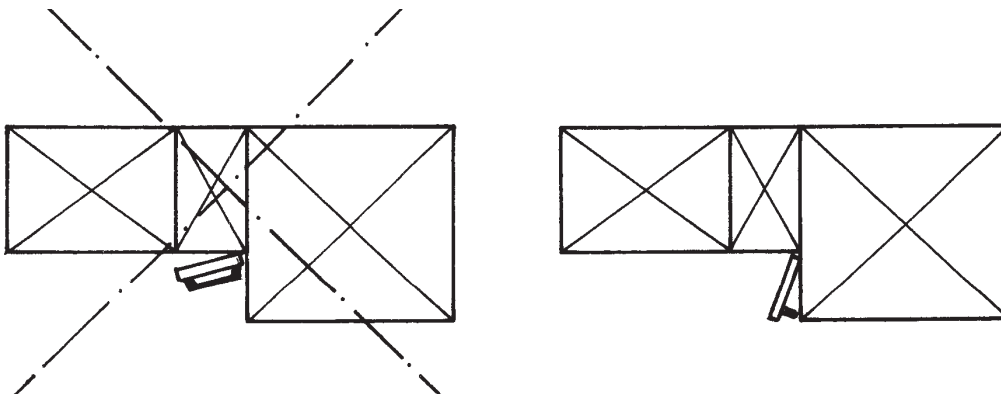
F-Term: 03/5 91 - 010 BV: 01167946 POS 0361 AUIDNR 1024587 AFO 0071 MSKZ Q QS: Q	
Menge: 1 Mat.: Schuvo13	Gr.Nr.: 369 Gr.Fa.: 413 BN.: 49
Höhe: 130,0 Breite: 594,0 TIDI: 19,0 Front-Pr.: 053 Farbe_1: 010 Obf_1: KI Farbe_2: 050 Obf_2: ***	
IDNR: *** Met.Text:	Fehler: 52
IDNR: Met.Text:	
Pos. Text: mit 5 Schubladen	
AV-Text:	
Kurzbez.: GL S 60 Z2 T_An: L EG: 00 KO: PLT Sk_Ho: *** Sk_Fa./Obf.: *****	
nderungstyp = ANDR Teilenummer = 3	
Frontteil Ano = OB Zuschnitt_Lae (AKF) = 134,0 mm	
Fr Z Sk System = SV3	
Schablone = 61	
	SteuKz X Q AplGrp UF NC-Daten: 501594149921
front_nk_tfd	F-Term 03/5
	Druck: 12.01.2004

Top cupboard fronts are also made with grain figuring matching the front below. For ease of locating, the front sticker of the top cupboard contains a pointer to the respective „order position“ (tall- or wall unit).

Fitting handles

When fitting handles please note:

If the cupboard is fixed directly on a wall or a tall unit, the handle must be fitted vertically as otherwise the door cannot be fully opened.

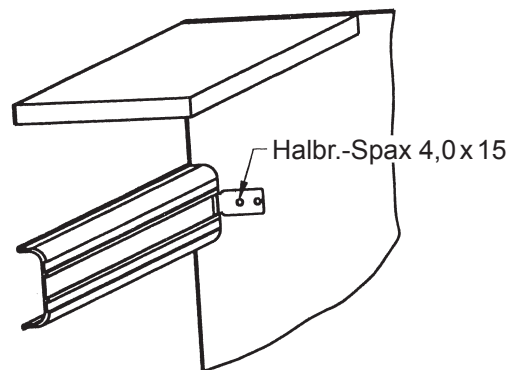


Grip handles

- 1) Before fitting grip handles, all front elements have to be removed from the carcass.

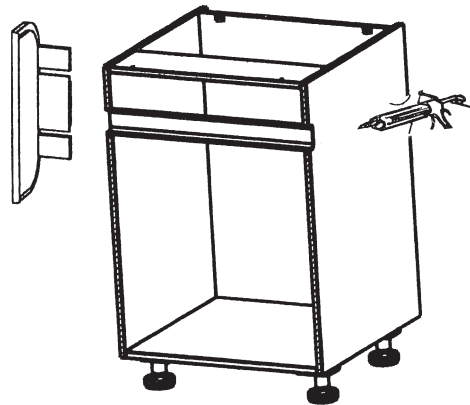
The fixing brackets have to be inserted into the rear guides of the grip handle and screwed in position to the cupboard sides using the cheese head screws 4,0 x 15.

If it is not possible to use the fixing bracket then the grip handle can be fixed on with silicone.



- 2) Grip handle continuity is interrupted by all dishwashers and hob units.

Covering caps have to be fixed to both the right and left ends, finishing flush with the carcass sides of the adjoining cupboards.

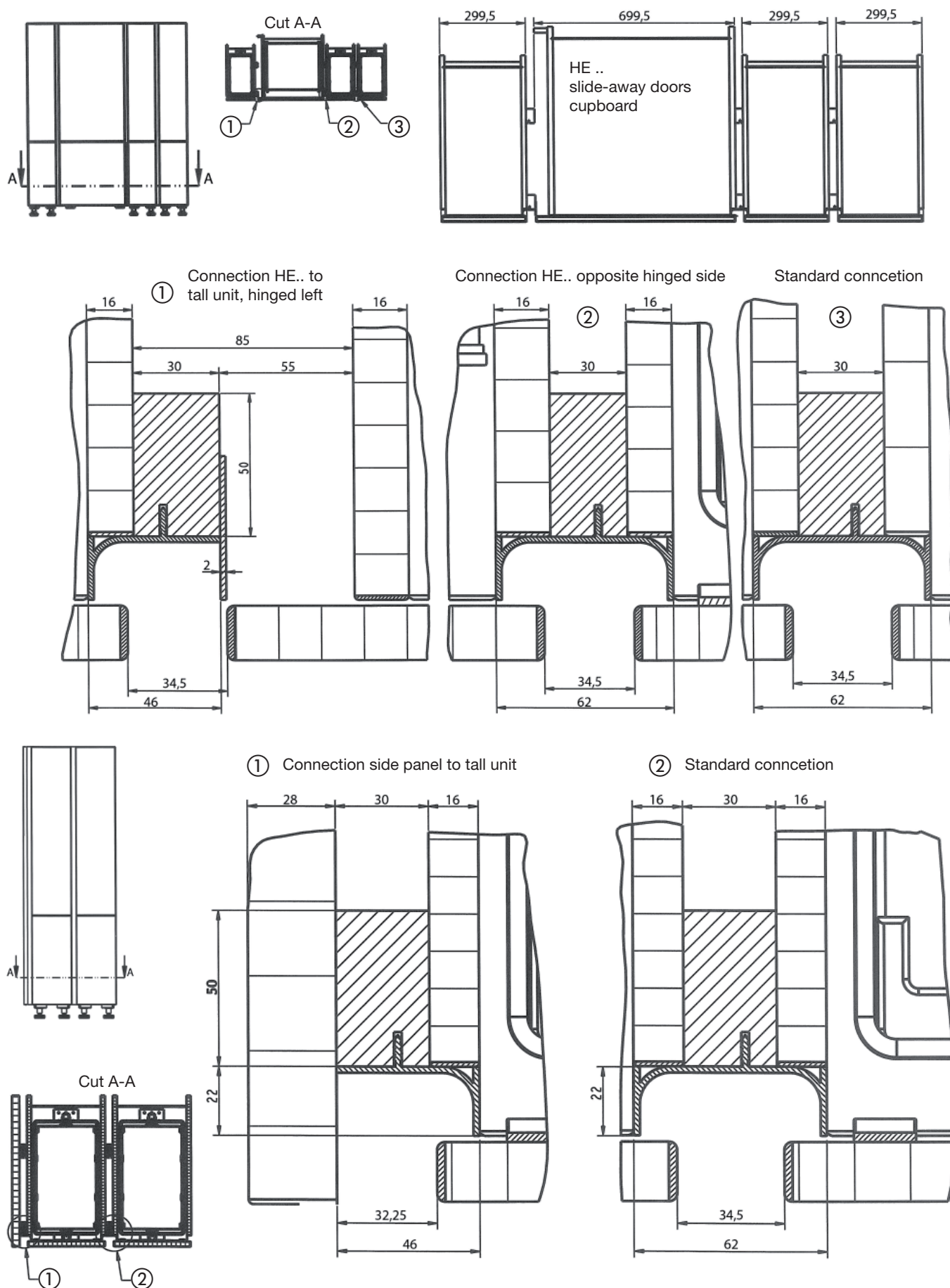


- 3) Grip handles on dishwashers:

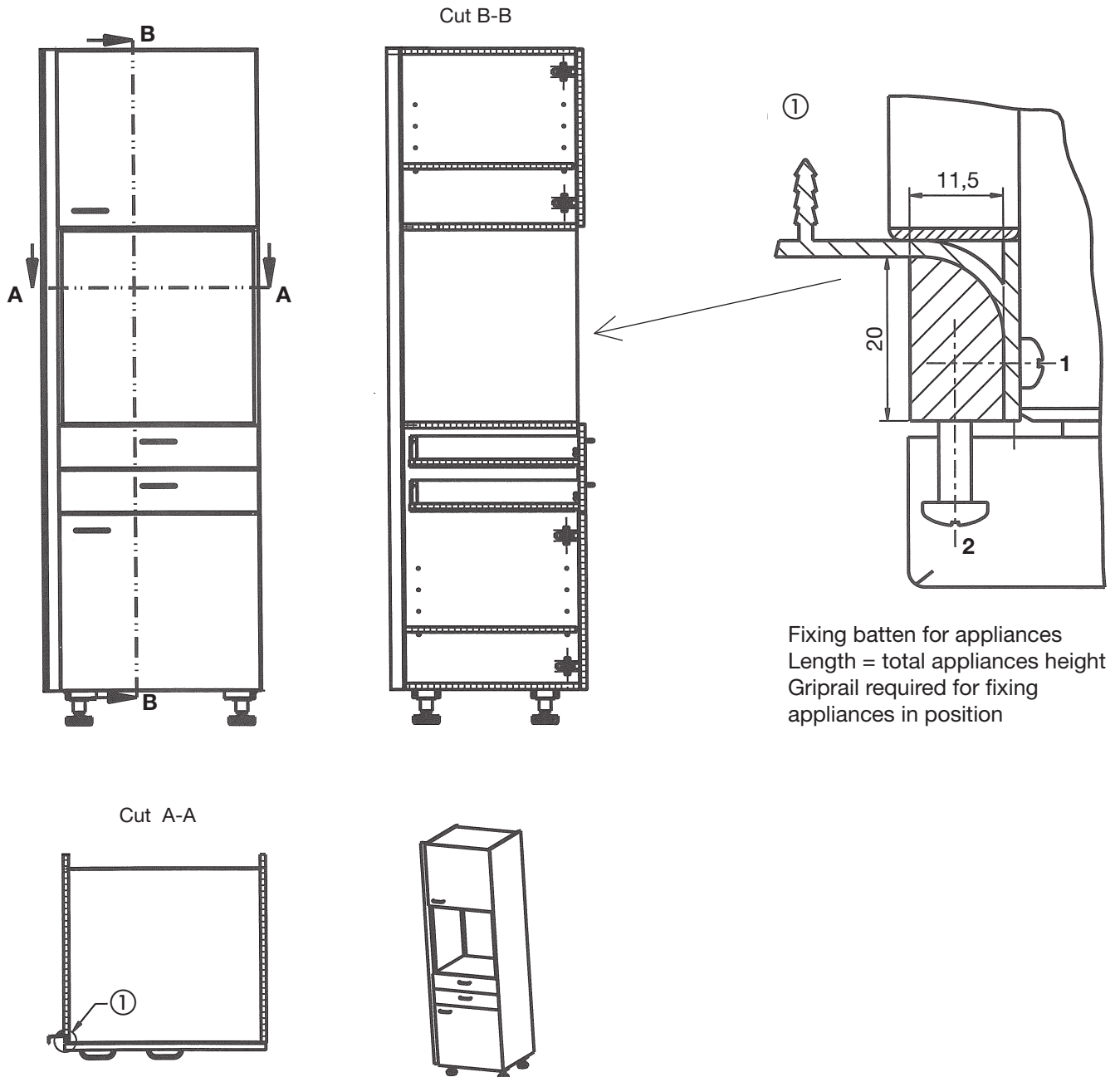
The cut-outs on the sides adjoining dishwashers must be sealed with silicone before grip handles are fixed.



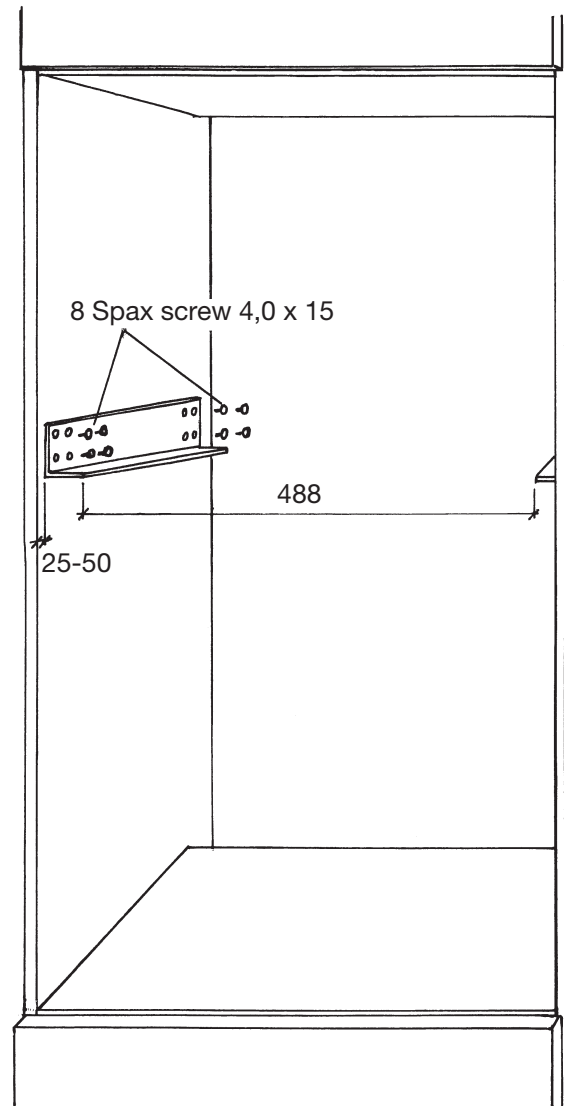
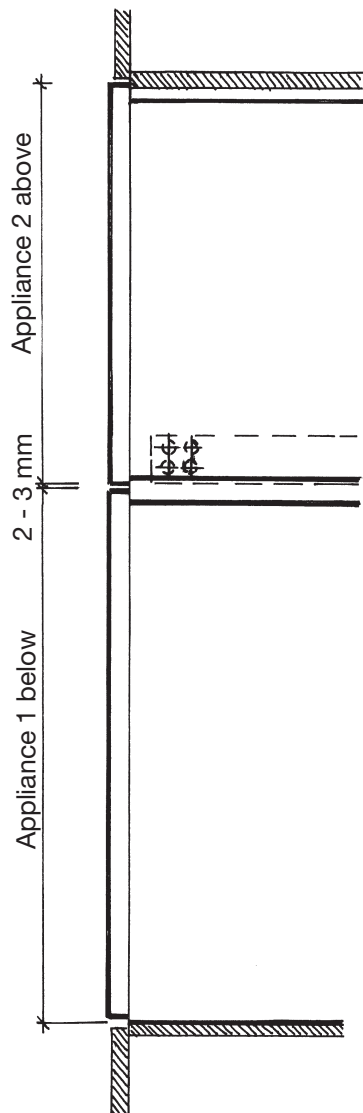
Vertical inset grip



Vertical griprails on housing units

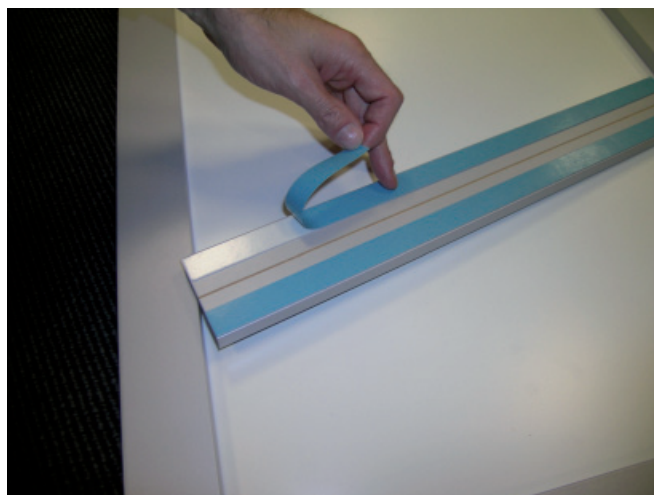


Angle bracket for appliance installation GUWIN

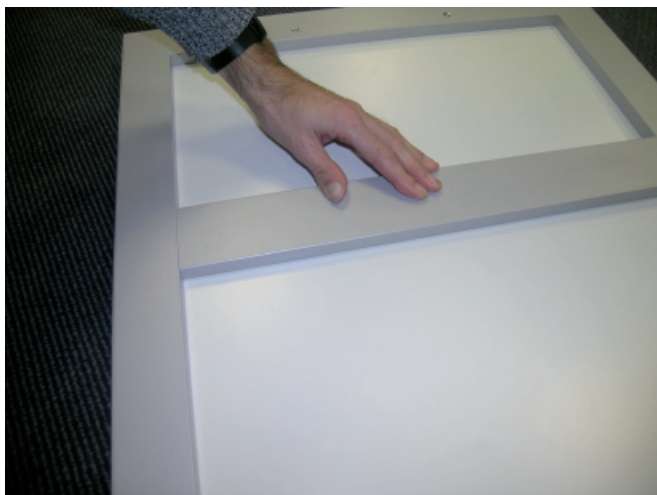




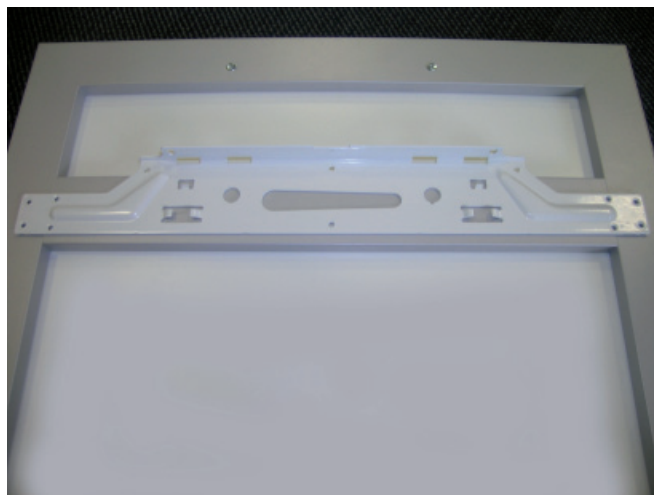
① It is essential that the surface is free of dust and grease.



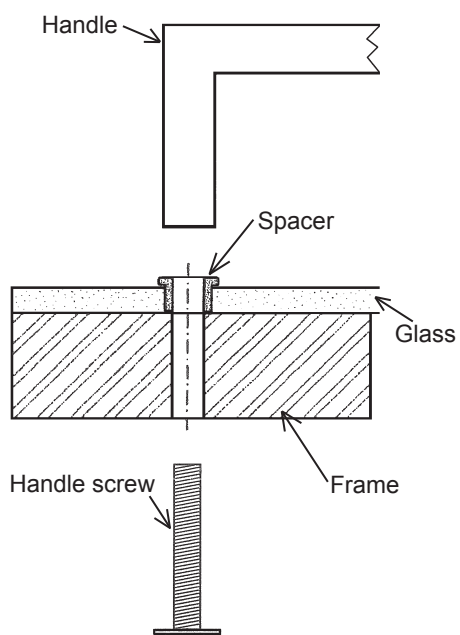
②



③ Glue bar in position and press down firmly.



④



Handle fixing only with spacer!
Tighten screws only slightly to avoid damage to the glass!

Worktops

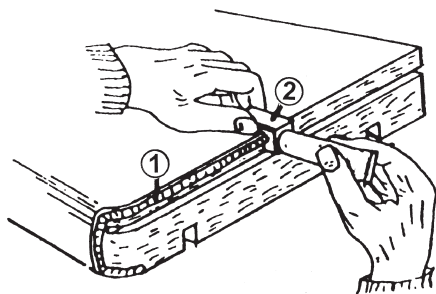
Worktop cutouts

Cut edges should be free of notches. Ensure that tears are sealed. Nicks and notches have a tendency to form cracks. It is advisable to work from below when using a jigsaw. Corners must always be rounded. The internal radius should be minimum 5 mm.

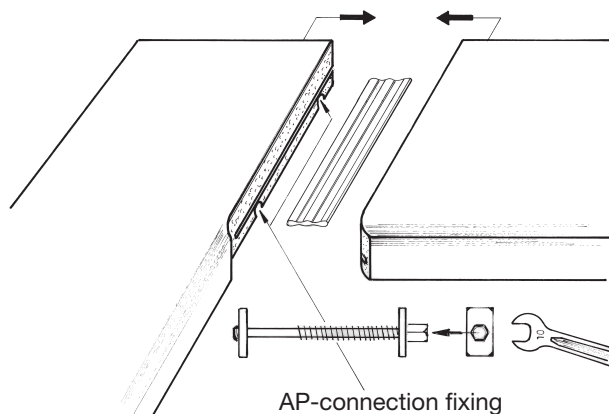
Additionally seal inset sinks all round with a silicone sealing compound.

Worktop corner and length connections

- Provisionally align worktops with wall.
- Connect corner elements or length extensions with tongue and groove and check joint. If necessary remove tongue from the groove and adjust by means of either hand- or electric plane.
- Apply the enclosed sealing compound (Hellmipur SH 100) in the upper area of the worktop edge and on the front edge ① with the applicator ②. Apply watertight B3 or B4 glue to the total surface of the tongue.



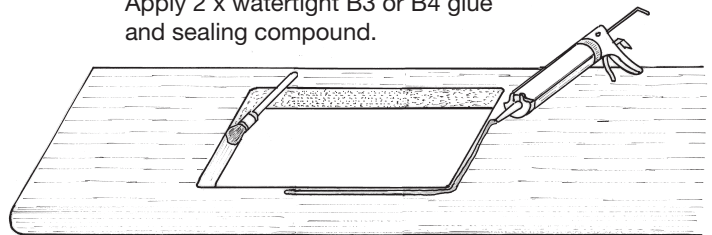
- Install worktop connecting bolts from below and tighten with size 10 open-ended wrench. Should it not be possible to reach the joint from below, the worktops must be tilted as much as possible and bolted together before any wall units are installed.



Special attention must be paid to adequate sealing to the **corners of hob-cutouts**.

No responsibility will be accepted for any swelling of worktops if joints and cutouts are not correctly sealed.

Apply 2 x watertight B3 or B4 glue and sealing compound.



- Remove surplus sealing compound (with spatula) and clean corner connection with suitable cleaning agent (e.g. citrus-cleaner).
- **For safety reasons, it is essential that all flap-wall units are additionally fastened to the wall with enclosed fittings (see sketch), regardless of where they are placed.**
Because final hardening of the glue will take a few days, do not expose the joint to too much moisture.
- **Caution:** when using acetone, it is essential that any surplus is removed immediately as otherwise this can damage acrylic and lacquered surfaces. To make cleaning easier, the corner connection may be covered with masking tape before applying sealing compound.
- **Wall contour blenders**
All drill holes must be sealed with silicone to prevent water incursion and swelling.

Solid wood worktops

Installation

So that the worktop can flex and not absorb dampness from the wall, it is essential that a space remains between worktop and wall, particularly for installation of U-shape tops.

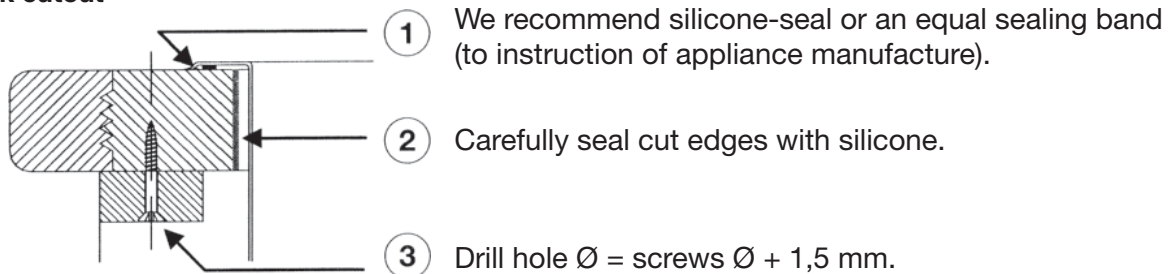
All fixing holes for **solid wood worktops** must be drilled into the frame at least 8 mm Ø so that the worktop will be able to move in depth.

Heat from radiators and household appliances.

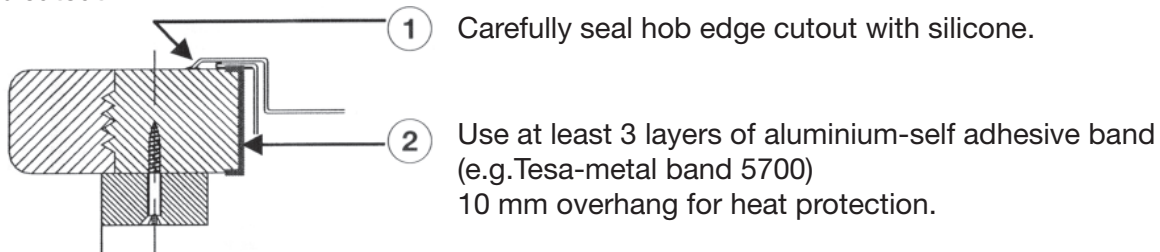
Protect the worktop with aluminium foil and make sure that the protection is adequately dimensioned. Household appliances which consistently radiate heat downwards (e.g. constant use of a coffee machine), must be placed on a heat resistant mat. Please ensure this as otherwise it could lead to discolouring, dry spots and cracks.

However, smaller cracks in solid wood are quite natural.

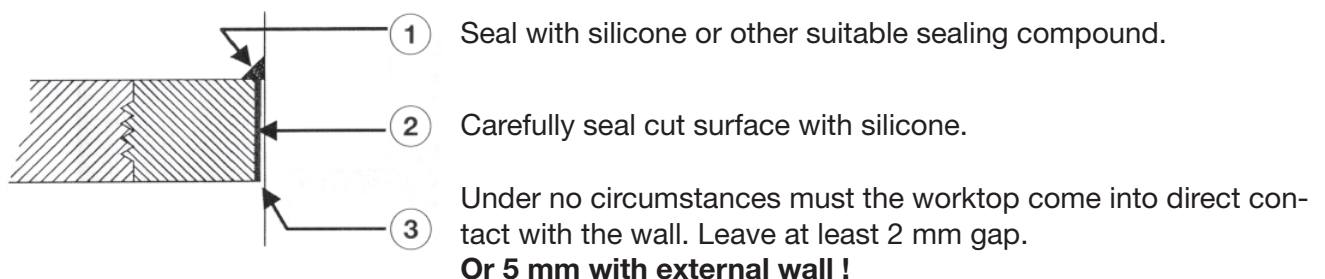
Sink cutout



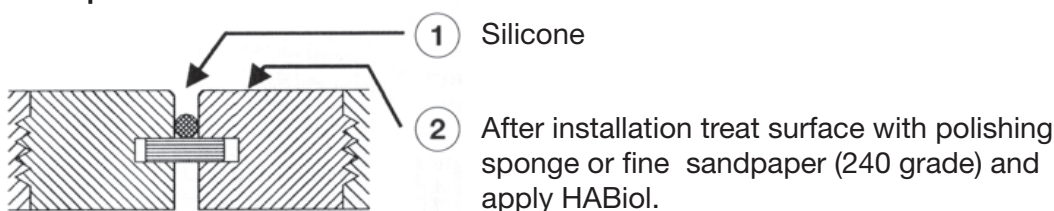
Hob cutout



Wall connection

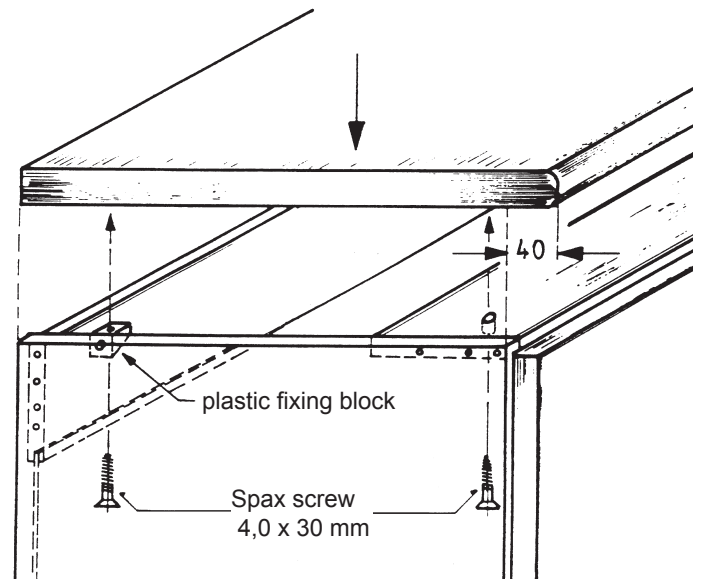


Worktop connection



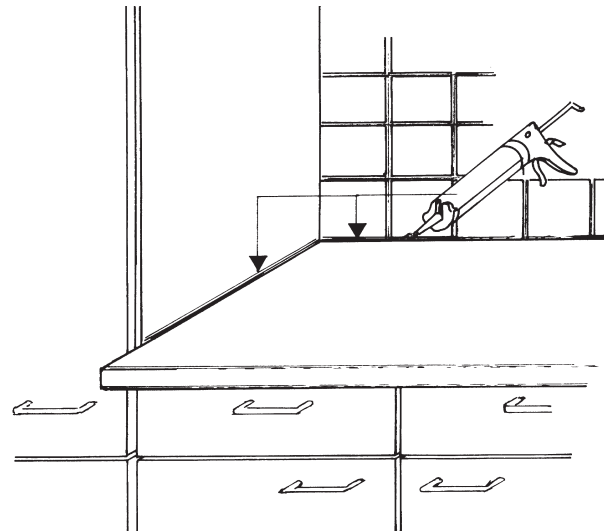
Worktops

- Place worktop on floor units.
- **Observe projection** of 40 mm from front edge of carcass. Secure worktop through carcass cross rail and plastic block with chipboard screws supplied (4.0 x 30 mm).
- **Granite worktops:** Use natural stone-Silicone-sealing compound adhesive. Glue granite top to carcass cross rail and clamp for approx 12 hours to prevent any possible bowing through weight of drawer when loaded.
- To secure **solid wood worktops**, all the necessary screw-holes (min. diameter 8 mm) must be drilled in the cross rail. The worktop must be able to move, i.e. work, in a downward direction, so the washers supplied must be installed with the fastening screws.

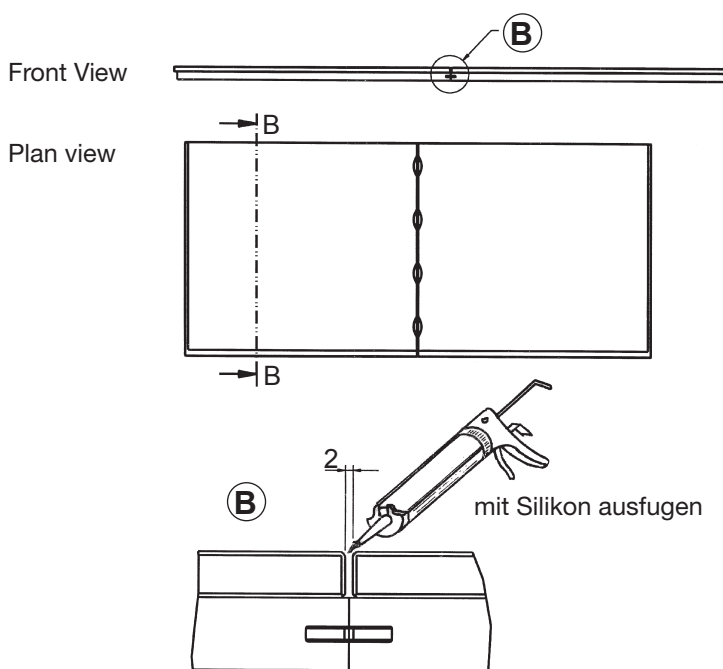


It is imperative that adjoining worktops are sealed with Silicone sealing compound on all joints.

It is equally important to make rear edge 100% water proof if no wall contour blender is used.



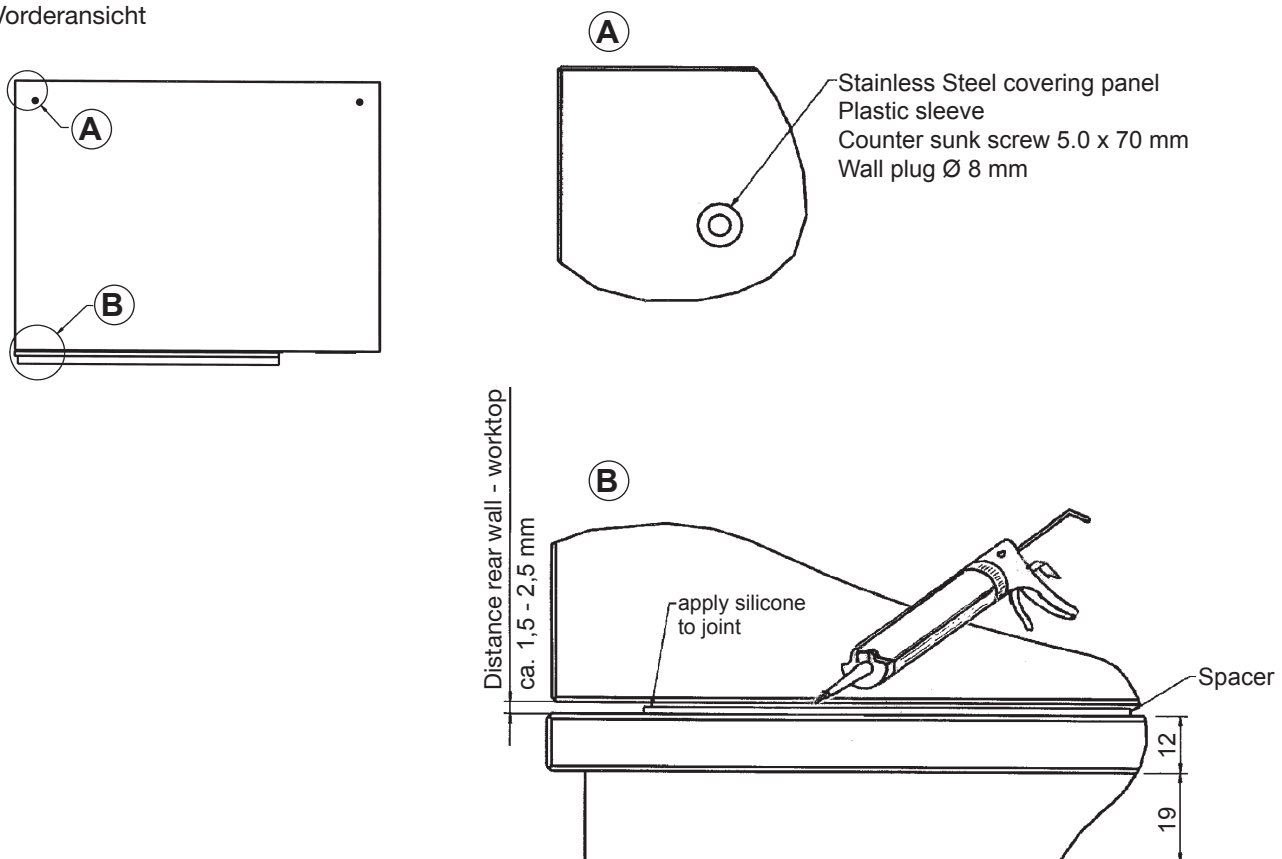
Glass worktop



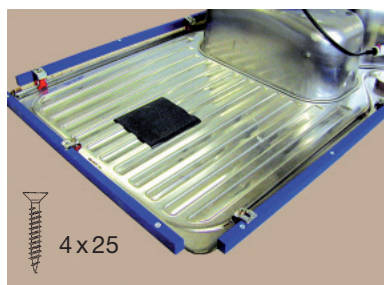
The base plate with length- and corner connections is always projecting by 1 mm beyond the glass top, thus producing a 2 mm butt joint. When sealing the butt joint, ensure that the glass surface does not get smudged with silicone. Carefully mask the joint left and right with masking tape, then seal with silicone and allow to set. Finally remove the masking tape. When installing taps and bar supports always use sealing rings. Carefully tighten the back-nut!

Glass rear panel

Vorderansicht



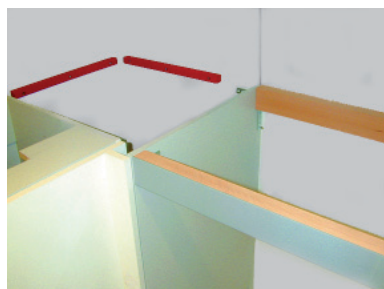
Worktops 1.7 mm thick



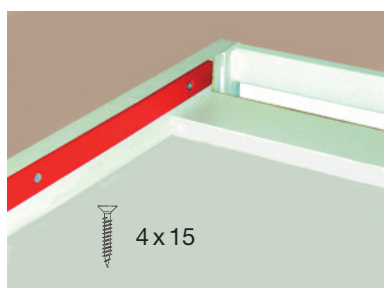
Inset sink



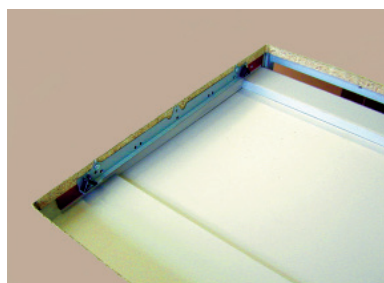
Dishwasher



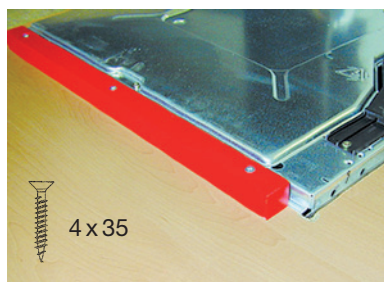
Corner solutions with W2 support panel



Cupboard for 60cm hob



Installation battens for 60 cm wide cupboard.



Installation battens for 80 to 120 cm wide cupboard.

Alu-adhesive tape on the worktop underside edge, above dishwasher.



Apply Alu-adhesive tape to worktop-edge groove in the area of the dishwasher.

Bar top supports BS .. E und BSH .. E

For glass, corian, wood veneer and laminate tops

Screw worktop down firmly.

Mark drill holes (diameter not less than 8 mm/ max. 9 mm) for **BS..** bar top supports on worktop, drill through and screw loosely from underneath. To sketch (A) or (B).

Corian, wood veneer and laminate tops

Place top on BS-supports and mark screw holes. Remove top, turn upside-down, remove supports and fix to designated positions. Turn top with supports again, position into drill holes and screw tight from underneath. Place top onto BS-supports, align and pre-drill with 3 mm drill.

Fix bar top with enclosed round head screws 4,0 x 30 mm.

Glass tops

Place top onto BS-supports and mark adhesive contact points. Remove top, turn upside-down, remove supports and stick onto the designated

position according to adhesive manufacturer's instructions. When adhesive has hardened (approx. 2 hours), turn glass top with supports and position into the drill holes. Screw tight from underneath.

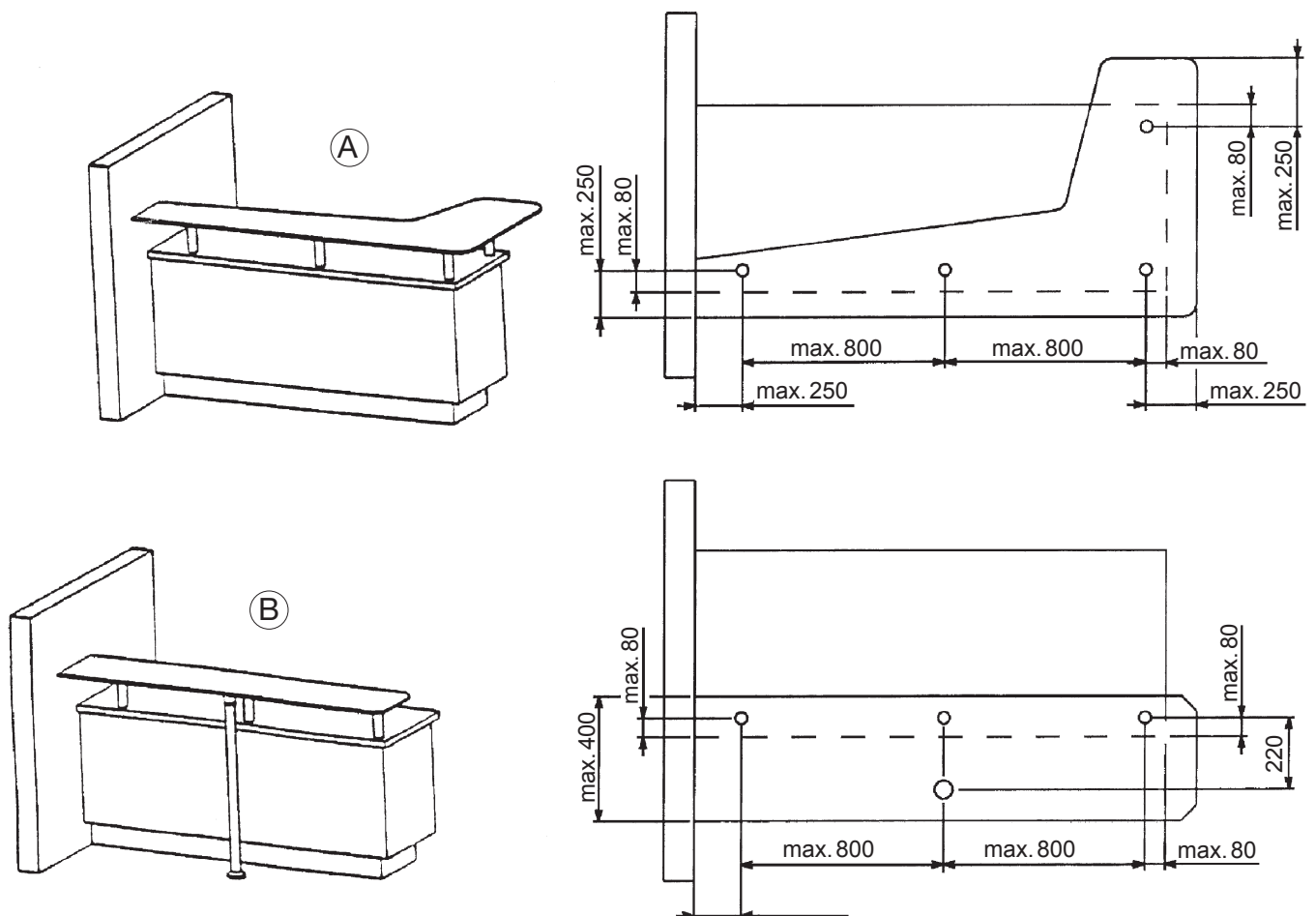
Thermo plastic materials (PVC, ABS, PP etc) and granite are not suitable for this adhesive.

With a top overhang of more than 250 mm taken from the last point of contact, an additional support or a high bar top support is necessary in order to prevent the top from tipping over, see (B).

Fix to the floor by means of enclosed 4,5 x 50 mm screws.

BEWARE OF UNDERFLOOR HEATING!

In this case silicon or similar adhesive may be used.



Bartop

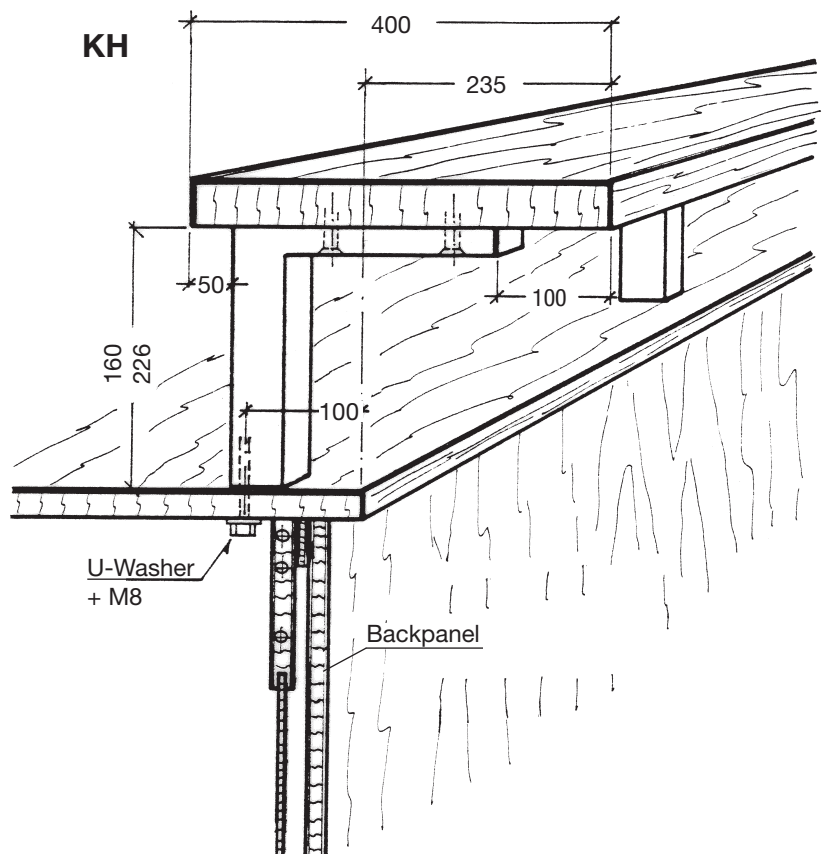
high level and low level

Bartop, high level

Fix worktop securely. Mark position of bar supports on top (to sketch) and drill a 9 mm hole for each.

Place supporting brackets in position and secure from underneath with 8 x 80 mm machine screws and U-washers.

Place bar top in position. If one end butts against a wall, secure to preinstalled bracket or wooden batten with screws. Drill holes for 4.0 x 40 mm screws and secure bar top.



Bar top, low level

Fix blocks supplied at positions where the brackets are to be fixed. Dowel and screw back panel.

Mark mounting bracket positions on inside of cupboard (pay attention to height, see sketch), drill screw-holes and secure.

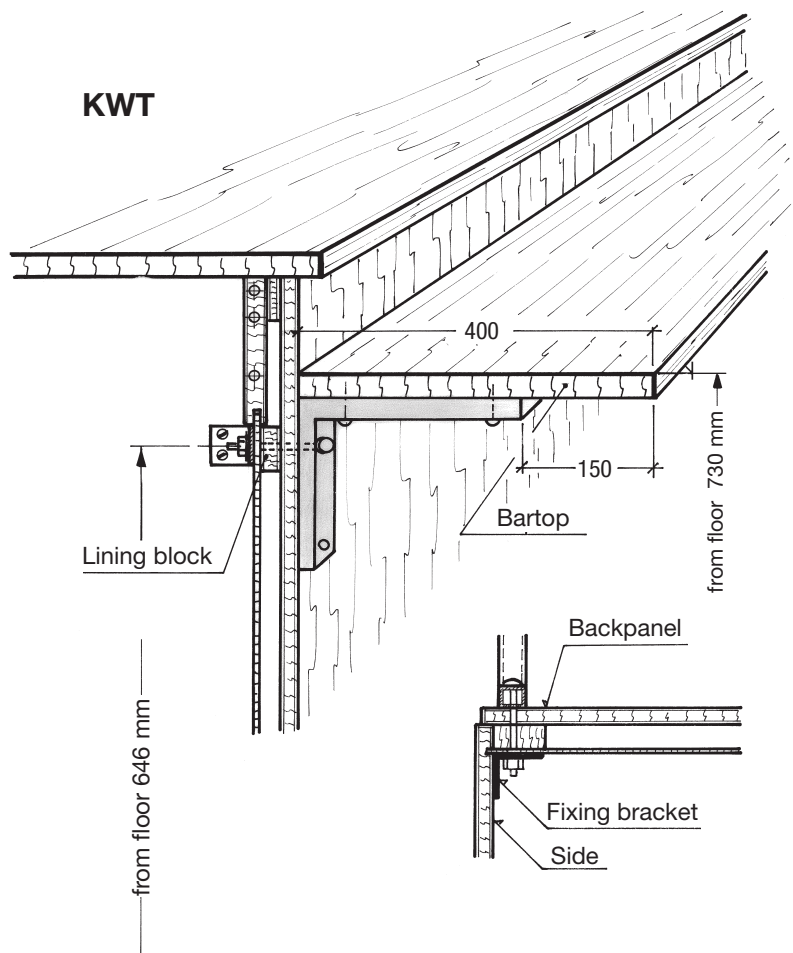
Drill hole for bolt dia. 7 mm from cupboard inside.

Fit bolt through bracket and secure tightly with nut from the inside.

Bracket to be vertical. Drill lower hole and install 4.0 x 40 mm screw.

Lay bar top on and screw the side which butts against the wall on to prefixed bracket or wooden batten.

Drill holes for screws 4.0 x 40 mm and screw down bar top.



Bartop

Higher level bar top on extended rear panel

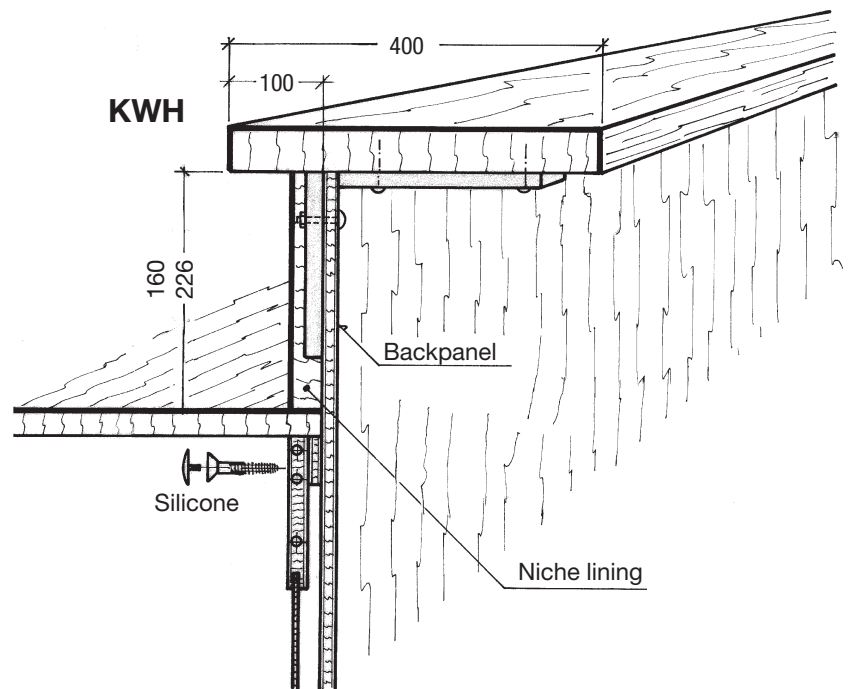
Fix worktop securely. Fix rear panel with dowels or screw on from inside.

Mark brackets on kitchen side (after cutting out bar lining) and cut out back panel 25 x 25 mm.

Drill screw holes (upper hole dia. 6,5 mm) and secure with 6 x 40 mm bolt and wood-screw. Align midway lining and dowel.

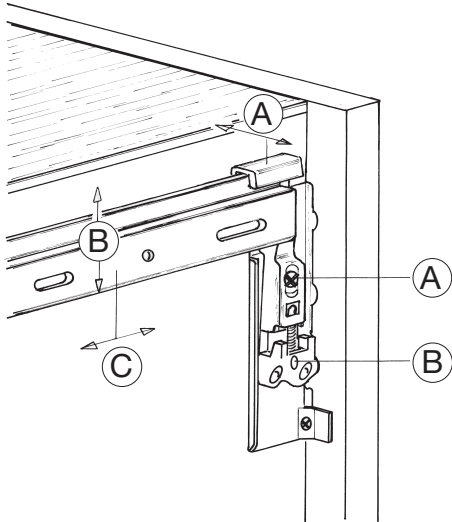
Place bartop in position, adjust and, if one end butts against a wall, secure to pre-installed bracket or wooden batten with screws.

Drill holes for screws 4,0 x 40 mm and screw down bar top.



Wall unit and shelf fixing

For electric powered screwdrivers or standard screwdrivers use size 2 Pozidrive blades. **It is imperative to loosen fixing screw (A) before height adjustment.**

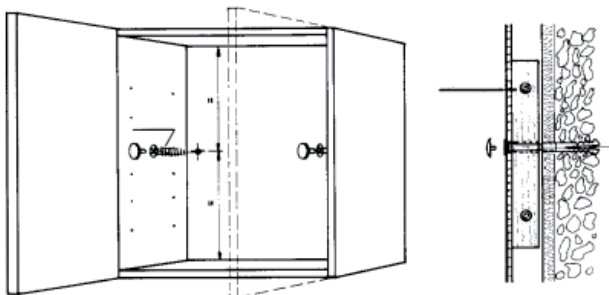


- (A) Adjusting screw + depth adjustment max. 20 mm
- (B) Height adjustment ± 8 mm
- (C) Lateral adjustment L/R 8 mm

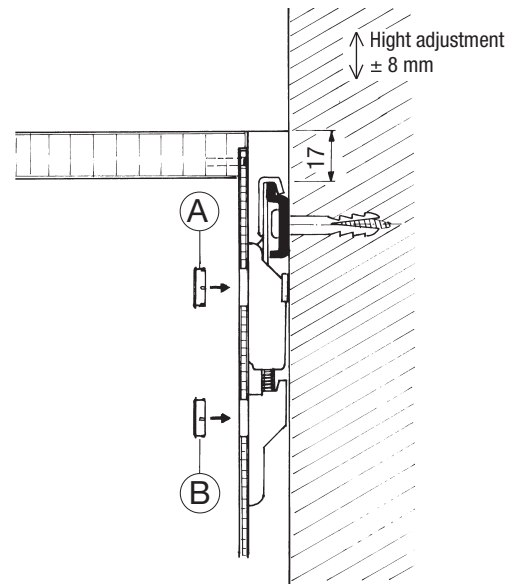
For safety reasons wall units and shelves must be secured to each other on both sides. Free hanging wall units and shelves as well as those placed at the end of a run, must additionally be secured to the wall with the enclosed fixings (see sketch).

It is also essential for safety reasons that lift-up wall units ORK... and OK... - immaterial where they are placed - are always fastened additionally to the wall with the enclosed fittings (see sketch).

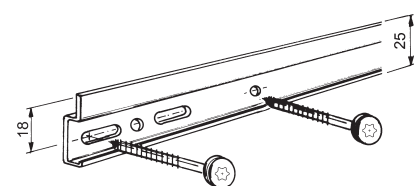
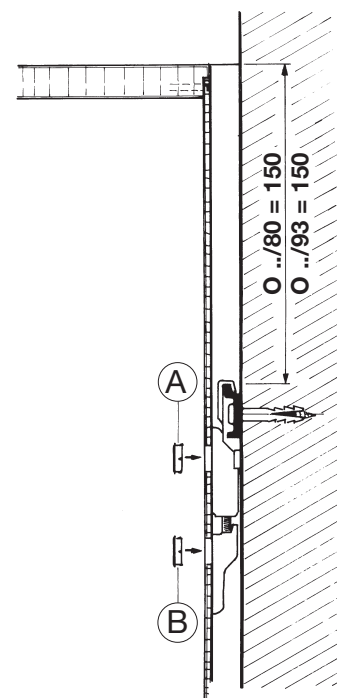
Shelves, furniture elements, appliances etc. which are fixed to a wall unit, need their own wall fixing. **If this is not observed then the wall unit can fall off the wall.**



Wall units and shelves 66 cm high and tall side units 190,6 and 145,7 cm (without plinth):

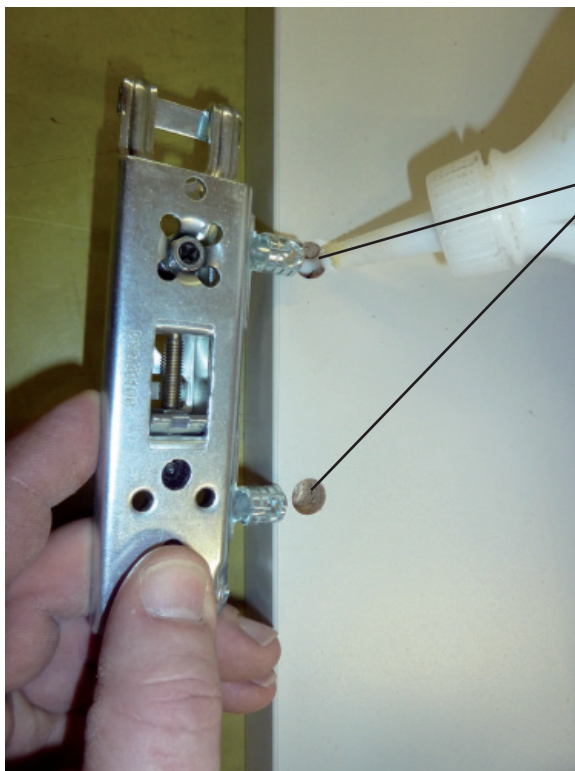
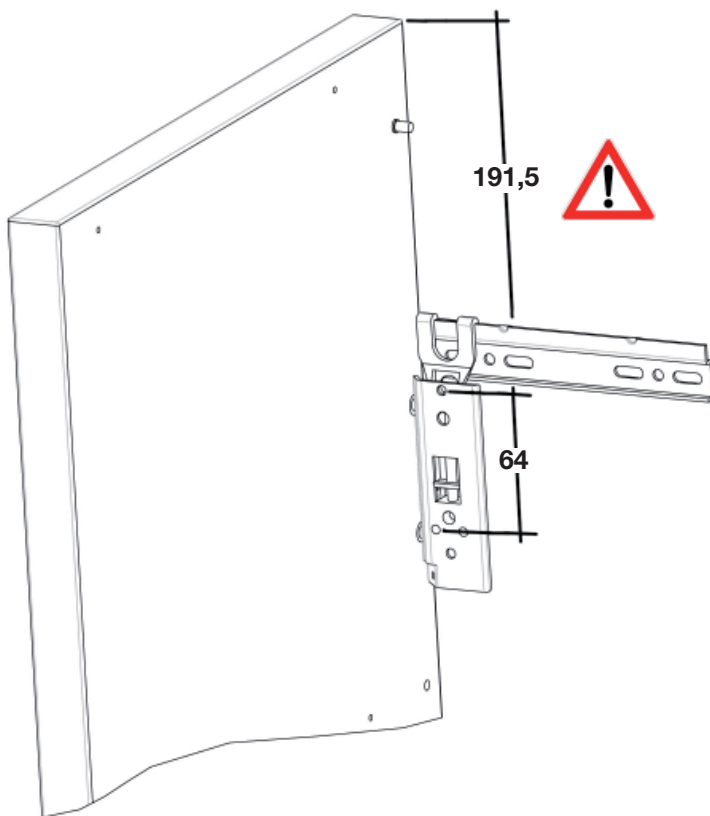


Wall units and shelves up to 80 cm high and tall side unit heights 204 and 217 cm (without plinth):



Fix screws at far left and far right.

OW3W - side panel shelf unit with suspension fixing



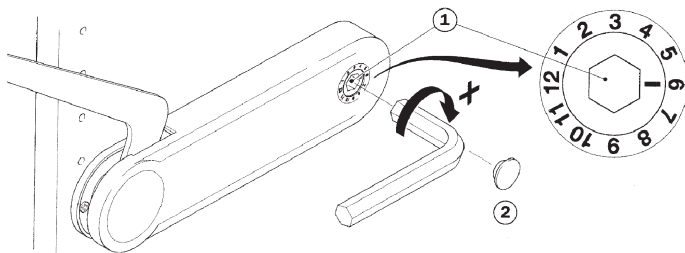
Both metal dowells have to be glued in!

Lift-up mounting

Adjustment of spring tension:

The adjustable spring is in mid-position upon delivery. After the fitting has been mounted, the spring tension can be set by use of a screwdriver (Pozidrive Size 2) or powered screwdriver. Please ensure that the lowest torque moment is engaged when using the powered screwdriver. The adjustment screw for the spring tension can be easily accessed through the opening in the housing of the fitting. Turning to the right increases the spring tension, whereas turning to the left decreases it. Maximum spring tension is signaled by a clicking sound.

The spring adjustment must be optimized to the extent necessary to make the flap remain open securely at approx. 90°



Demounting Instructions:

To demount the flap, **carefully** pull the upper part of the fitting away sideways. Do not bang against the flap stay!

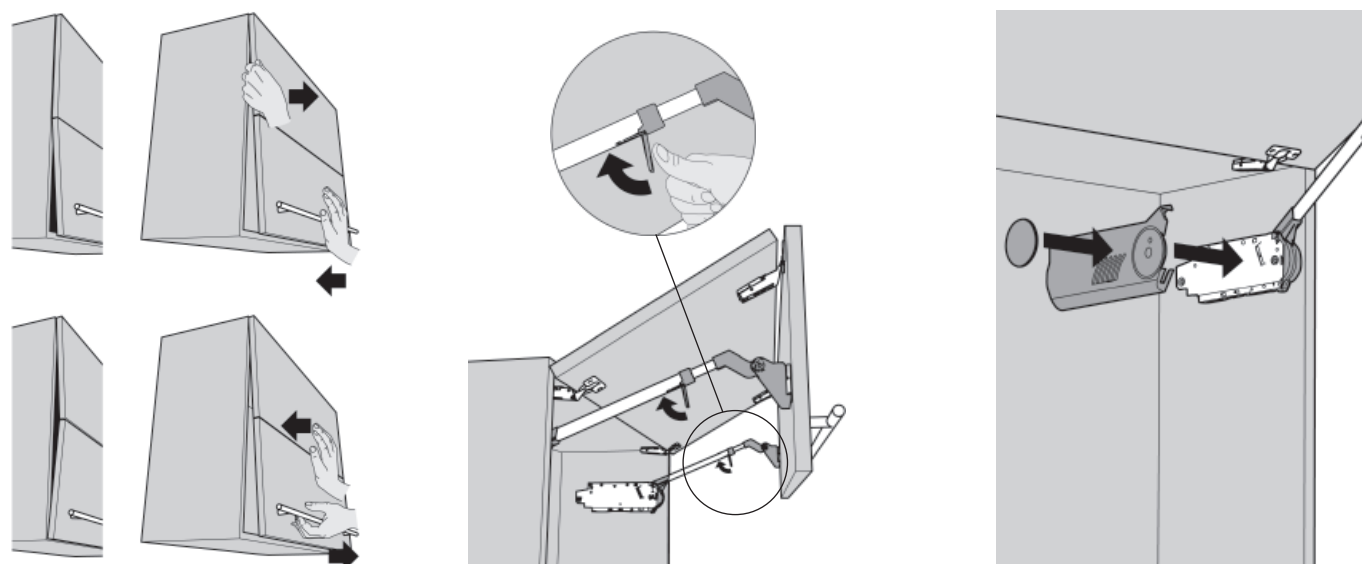
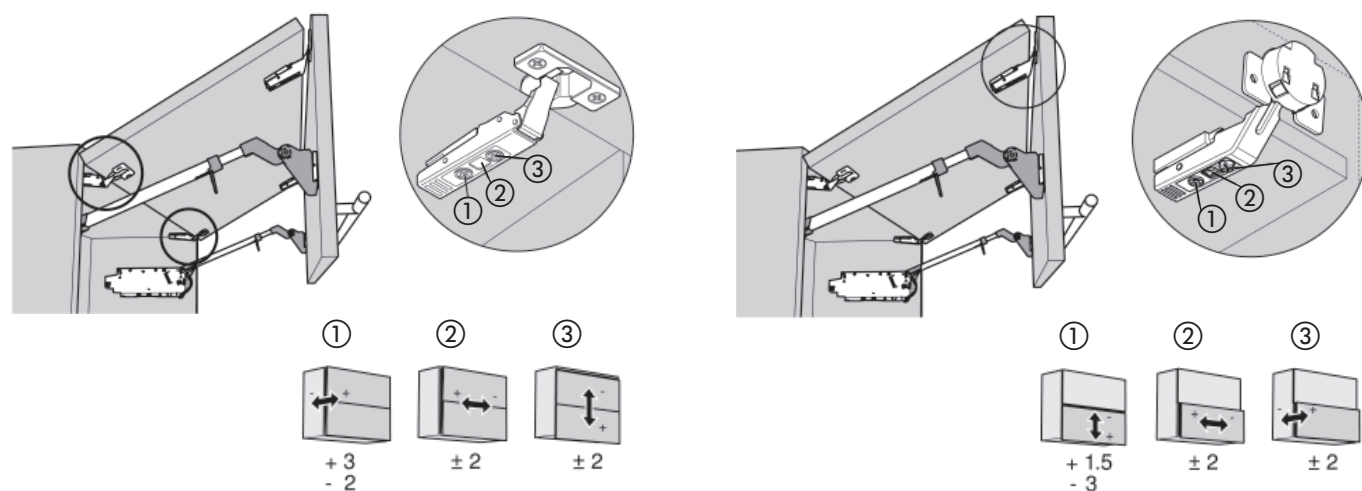
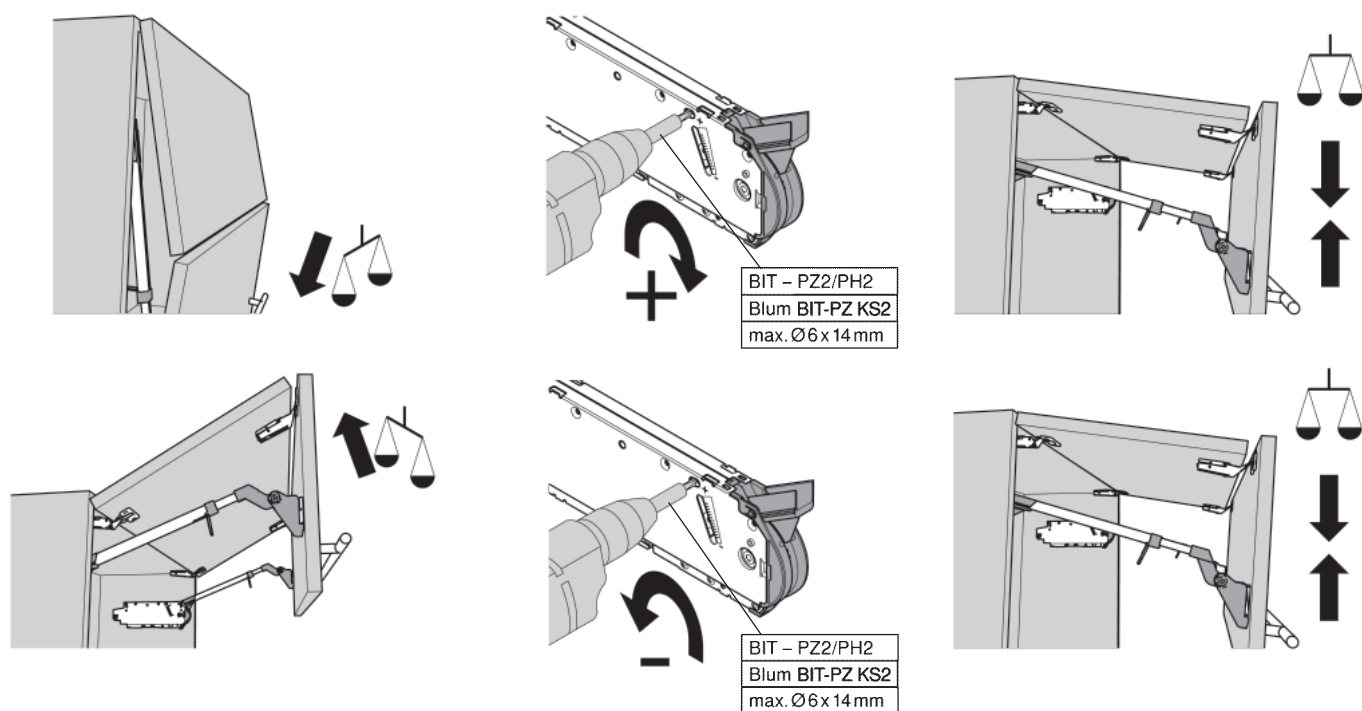


Adjust the huwilift-fold evenly on the right and left side of the cabinet to take the weight of the flap.

Adjust positioning screw ① as required by using an **SW 10** size allen key and turning it in a clockwise direction, max. till end position, until the cabinet flap is held in any position that may be desired. Press on cover plug ②.

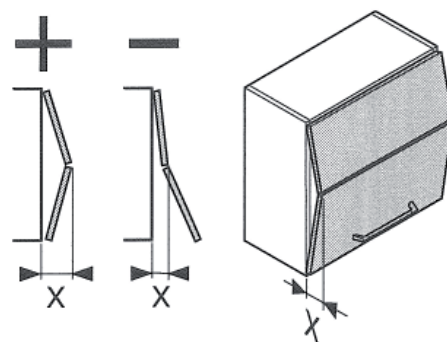
Enclosed fitting instructions and Allen key are for the end-customer.

Folding door hinges from 2010

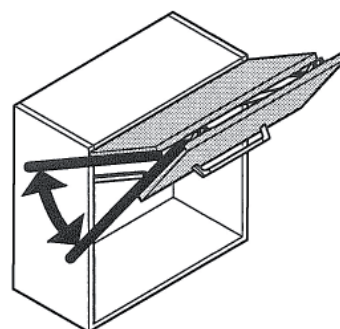
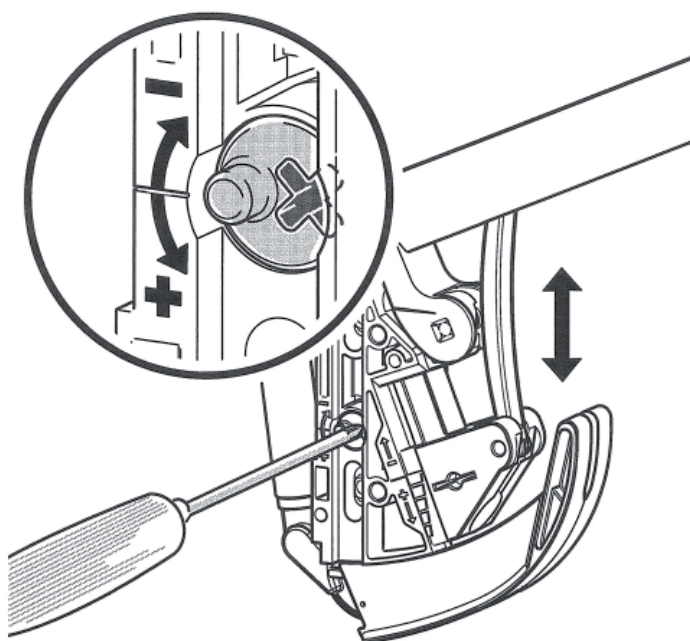


Folding door hinges up to 2009

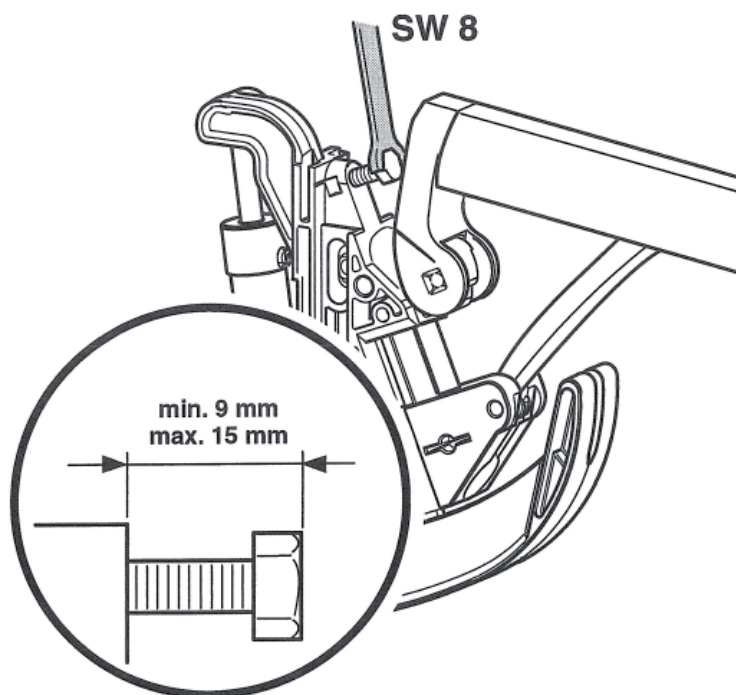
Adjust front, if necessary.
(the fitting is pre-set in factory)



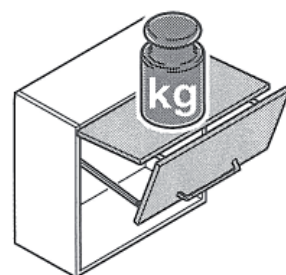
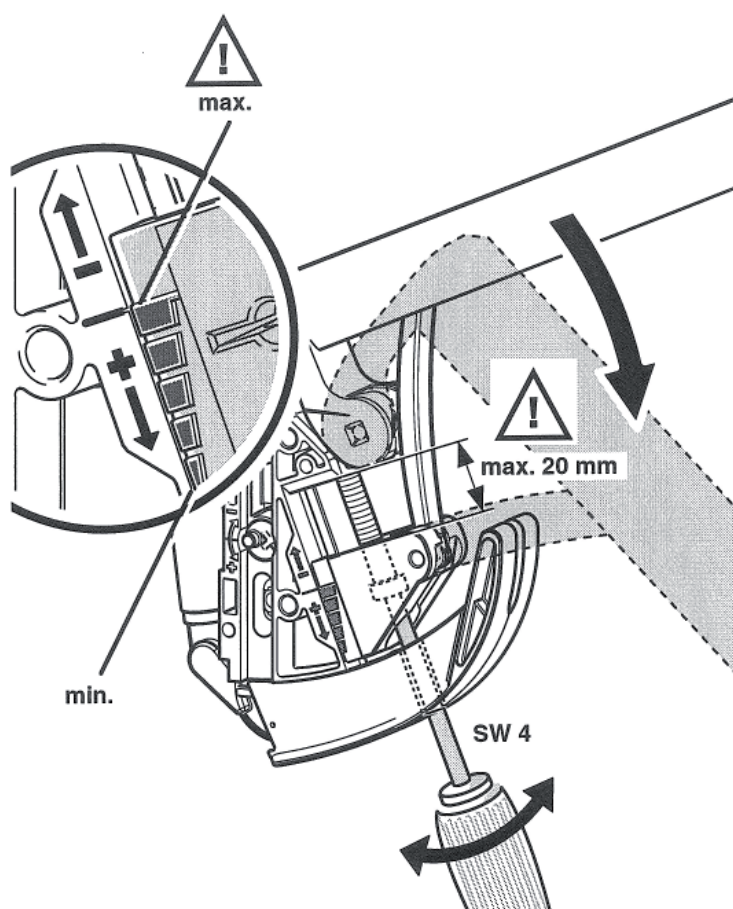
The adjustment of the lift-up front centre retraction is made by means of the eccentric screw (see sketch).



The adjustment of the **end stop**, pre-set in factory (**approx. 12 mm**), is made by means of the stop screw. To do this, pull the stay/front down slightly.

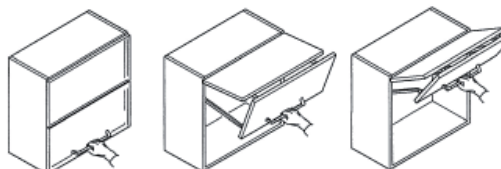


Folding door hinges up to 2009

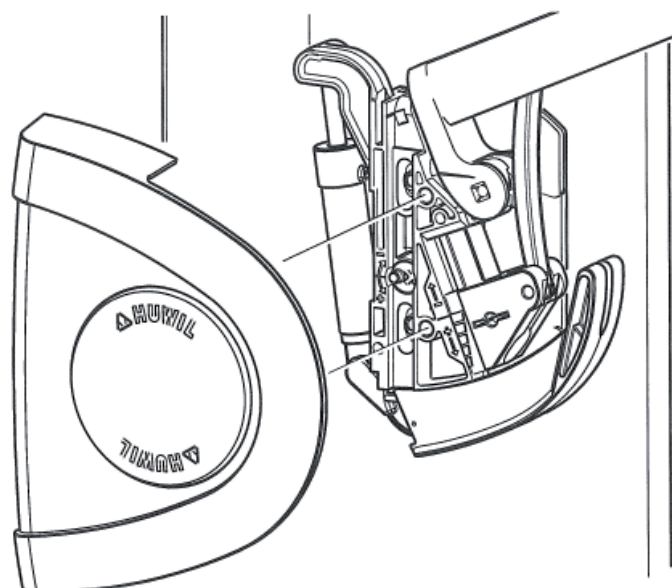


The **power adjustment** of the front weight is made via the Allen screw (see sketch). To do this, pull the stay/front slightly downwards and adjust as shown.

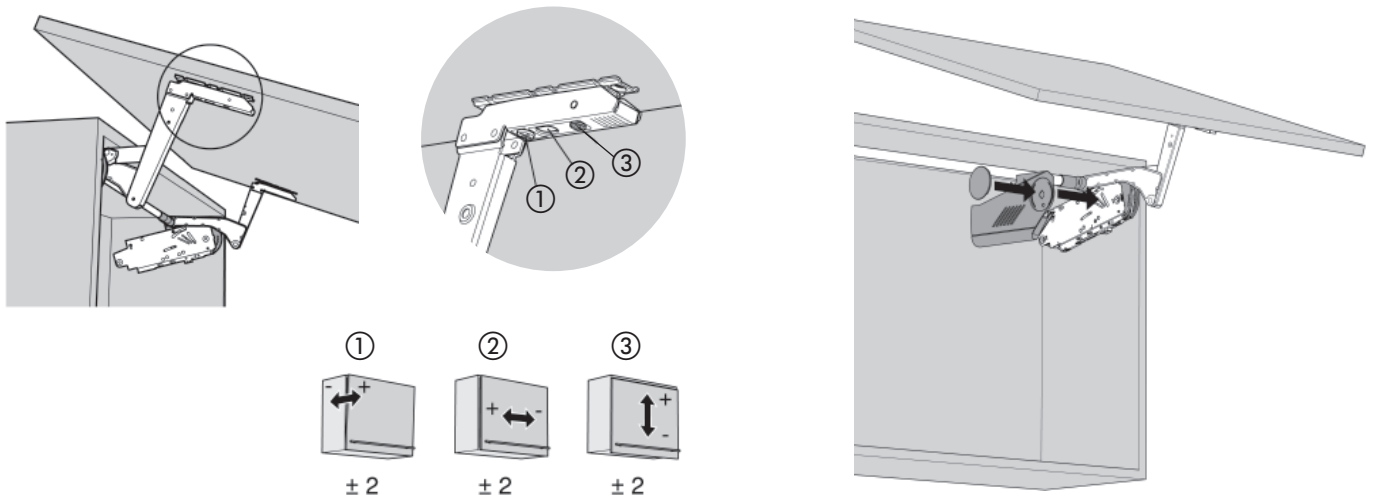
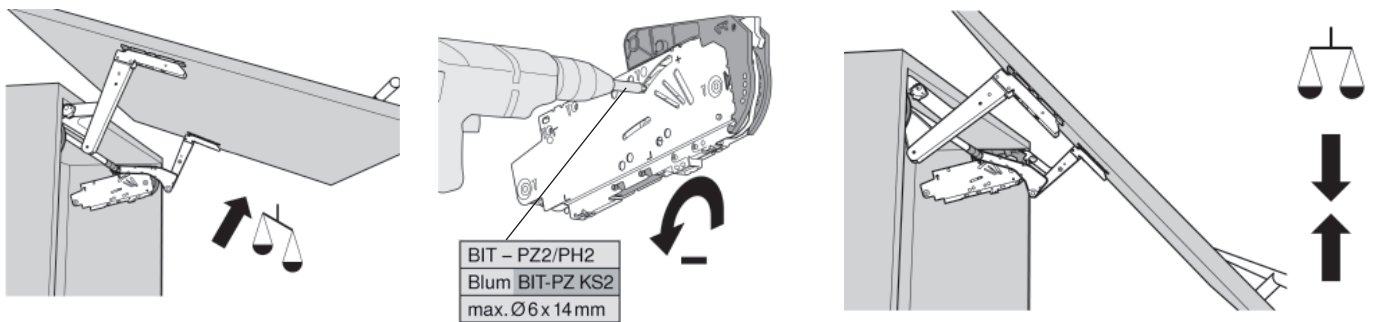
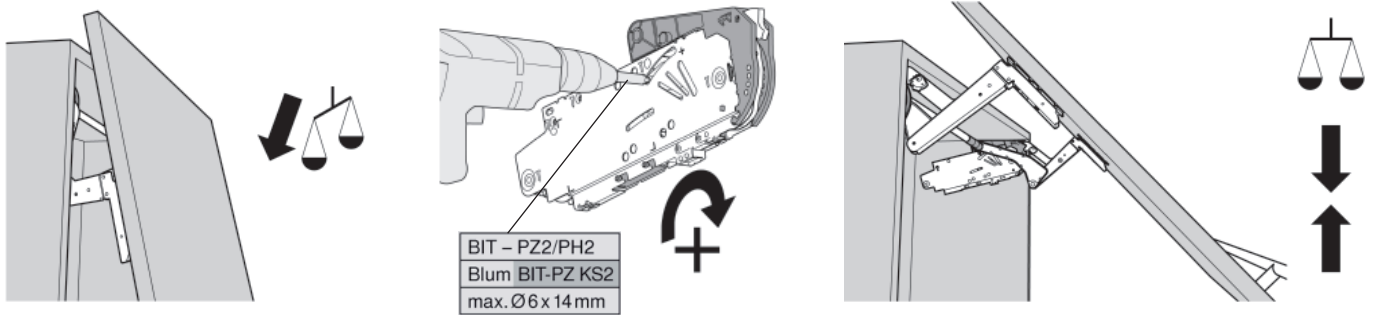
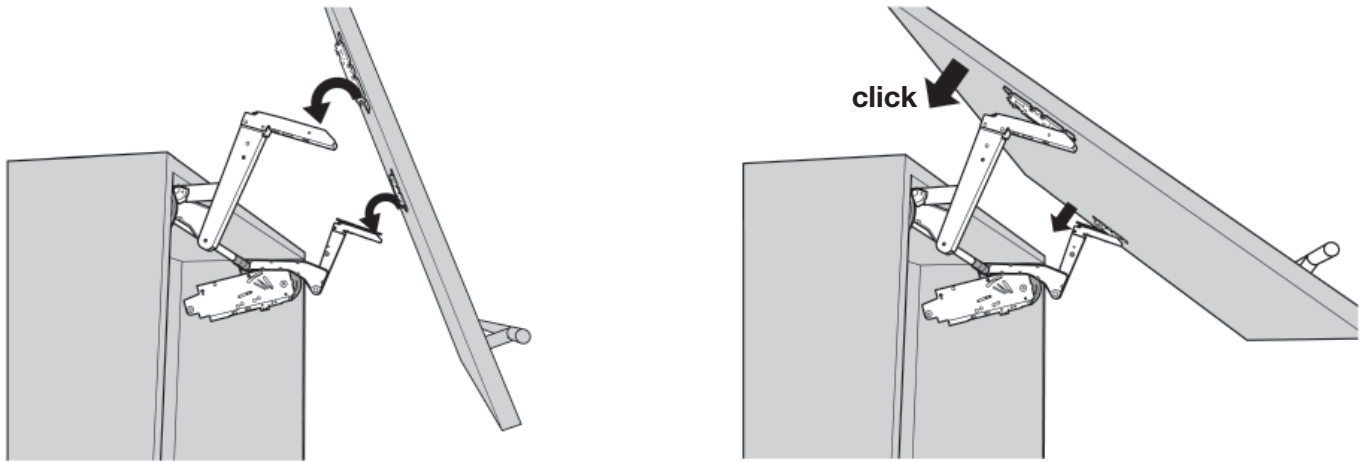
With correct adjustment, the front will stay open in any position from approx. 20 cm.



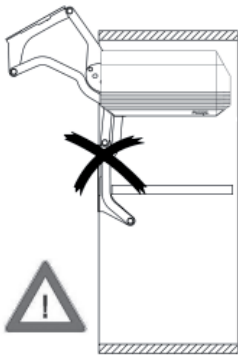
Replace housing cover.



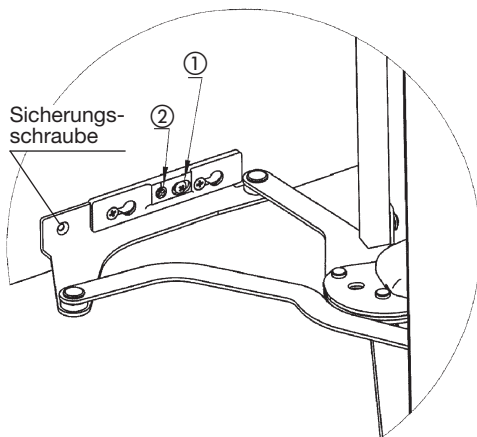
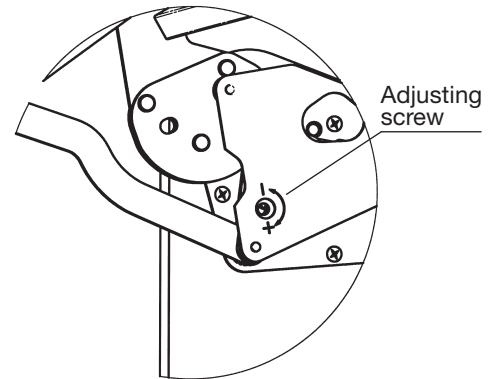
Swing-up door wall unit from 2010



Swing-up door wall unit up to 2009



Caution!
The fitting is spring loaded. The steering arm of the KB-30 fitting must therefore always be in the open position (status on delivery).
Otherwise serious injury can result!



Adjusting the wooden flaps
The flap can be height adjusted using the cam ② at the screw-on bracket (± 1.5 mm).

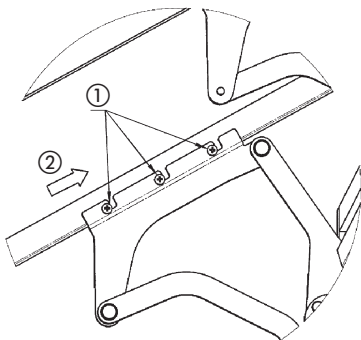
- Release the clamping screw ①.
- Adjust the height using the cam ②.
- Then tighten the clamping screw again ①.

After completing the adjustment, apply the locking screw !

1. Adjusting the spring force:

Due to the wide adjustment range, we advise performing the adjustment at both fittings with the aid of a battery-powered screw-driver. This must be set to a **low** torque. The adjustment carried out at the two fittings must be **even**.

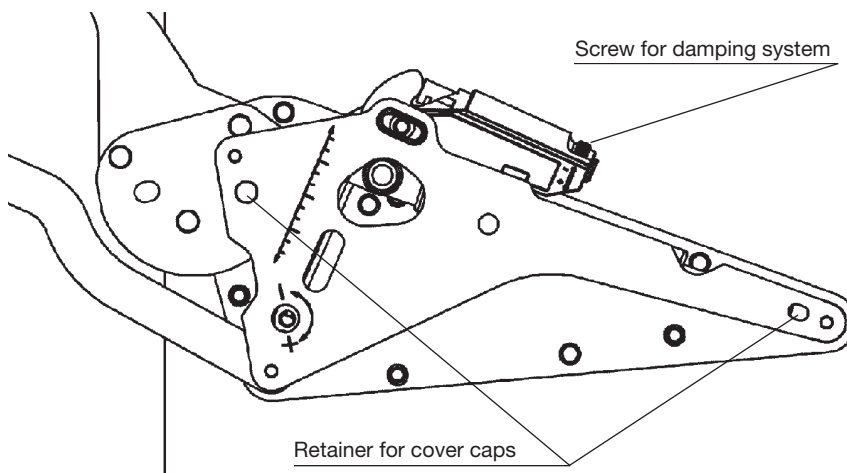
Turning to the right increases the spring power, turning to the left reduces it.



Aluminium frame-type flaps

The flap can be height adjusted using the 3 fastening screws ① in the oblong holes.

- Release the fastening screws ①.
- Adjust the height of the flap ②.
- Then tighten the fastening screws again ①.



Adjustment of the damping system

Please adjust the damping system by means of the set screw:

Clockwise = slower closing
anticlockwise = faster closing

Attention! Do not pull out the damper. Otherwise the product will become damaged.

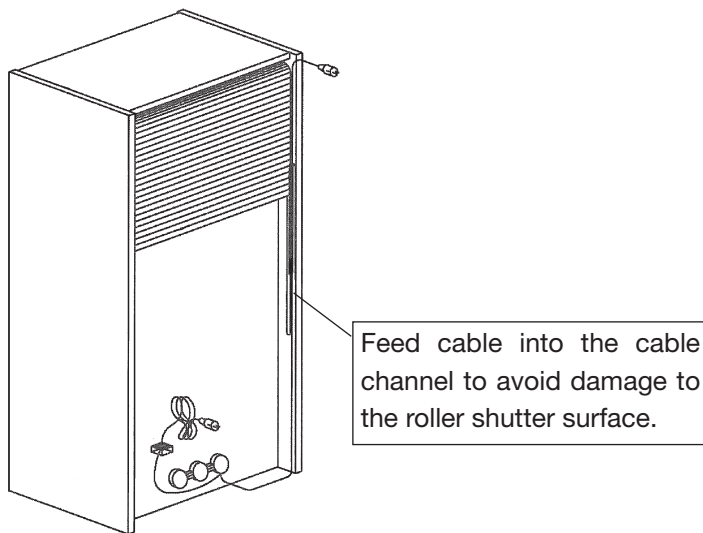
After aligning the flaps and adjusting the damping system, please mount the cover caps.

Midway units

Roller shutter

It is essential to protect midway units against dampness at contact areas with the worktop with a silicone sealing compound.

For **fixing to wall** use the two enclosed metal brackets. Use only furniture polish or wax for greasing the joints. **Never use oil or fat!**



ATTENTION!

Remove the cable clamp before installation. Top cupboards must be sprayed with silicon on the worktop after installation work.

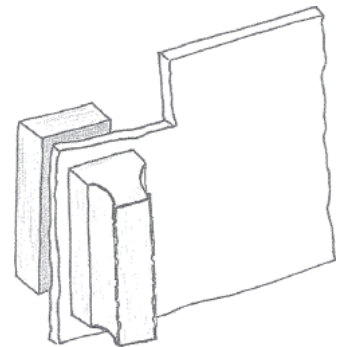
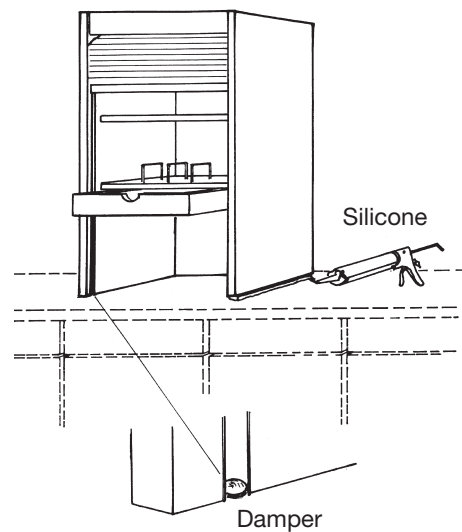
Installation and maintenance instructions

In order to maintain the running properties, the roller shutter guides should be regularly treated with a suitable lubricant. We recommend a non resin agent such as silicon based grease.

Roller shutter cupboards to 2006:

An adjustment or re-tightening of the weight adjustment mechanism (spring) is only possible from the back.

To do this, roll up the wire once or twice to tauten or unwind once to loosen.



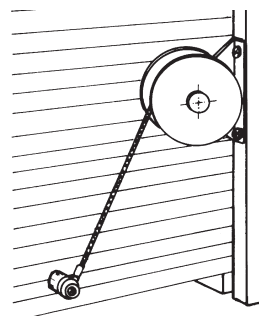
Cleaning of roller shutter glass slats

Hold the rear section of the two-part set behind the slightly opened glass roller shutter front.

Feed the front (with handle) onto the glass pane close to the rear piece.

You can now release the rear piece, which will then be tightened by the magnet.

Now close the front and clean the glass surface.



Roller shutter cupboards

Readjust the tension



Adjustment by turning the black plastic roller.

Changing the roller shutter



Release rope.



Stick the rope to the top with tape.

Fixing cupboards

End-shelves UARE .., OARE .., SHARE .., HARE ..

As a general rule, install end-shelves flush with fronts of adjoining cupboards. Drill screw holes and secure the trim strip as shown in sketch (A) and (B), depending on site situation.

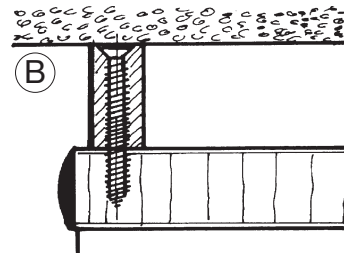
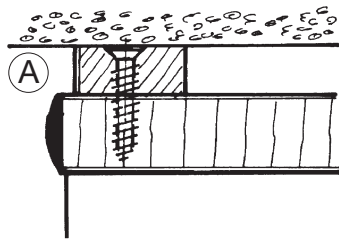
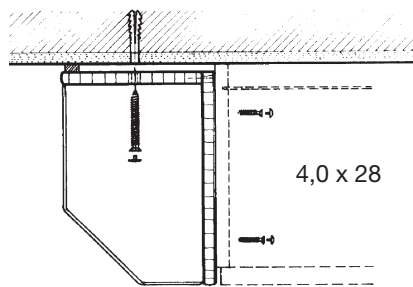
Caution:

use only screws of appropriate length!

When installing the cornice, make sure that the projection is identical throughout with adjoining cupboard fronts i.e. the leading cornice edge is set back 20 mm from front edge of shelf-unit.

Ceiling blenders should be set back 30 mm.

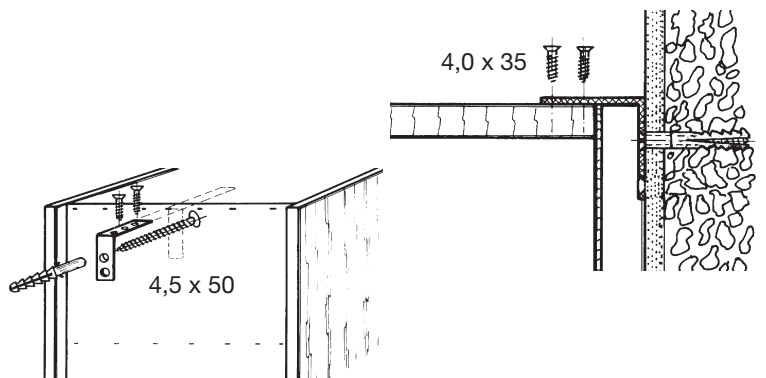
It is imperative that enclosed screws 5 x 80 mm and wall plugs are used for wall fixing.



Tall units and midway units

In order to prevent tall- and midway units from tipping forward, it is imperative to fix them to the wall.

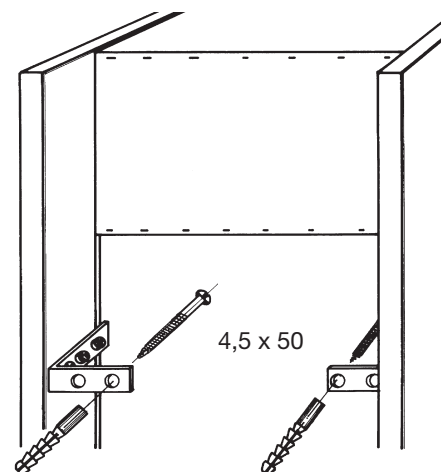
Use the enclosed metal brackets, see lower sketch, to fix 36 and 58 cm deep cupboards.



Housing units

Housing units must be fixed to the wall to prevent them from tipping forward.

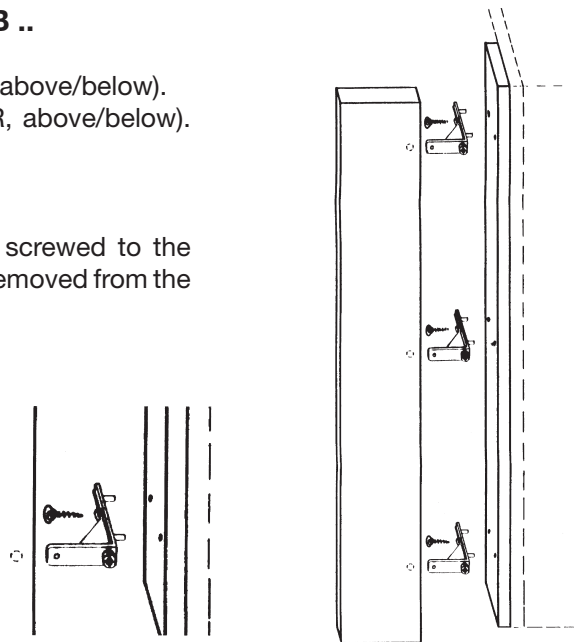
Use the two metal brackets supplied, which must be secured to the sides of the cupboard, towards the top and to the wall.



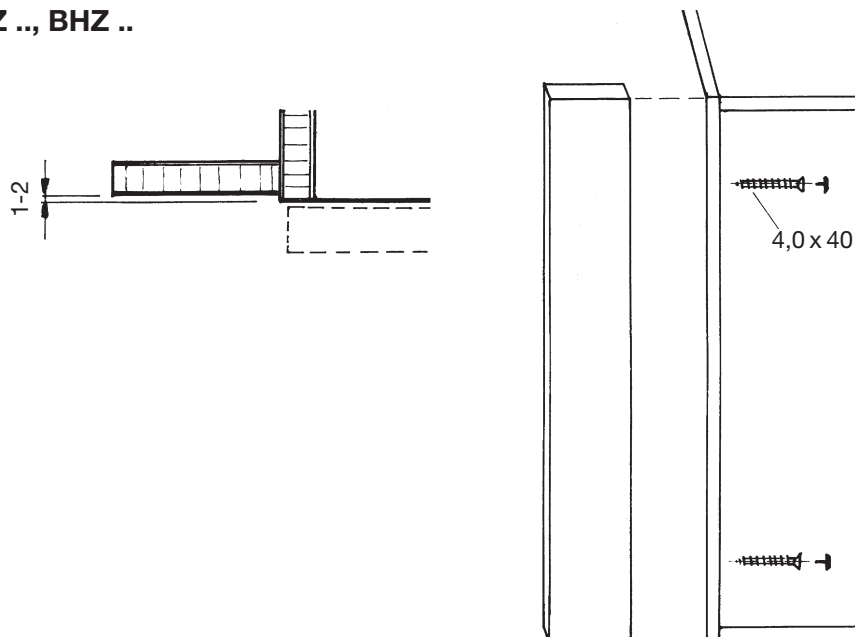
Blenders

Blenders BUB .., BOB .., BEB .., BHB ..

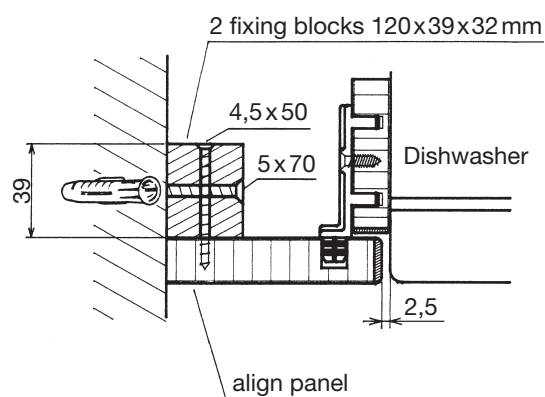
- Lay out parts and align drill holes (L/R, above/below).
- Lay out parts and align drill holes (L/R, above/below).
- Screw fixing strip to cupboard.
- Align blender with wall.
- Tap blender on to brackets.
- In special cases the brackets can be screwed to the blender. To do this, the batten must be removed from the side of the cupboard.



Blenders BUZ .., BOZ .., BHZ ..



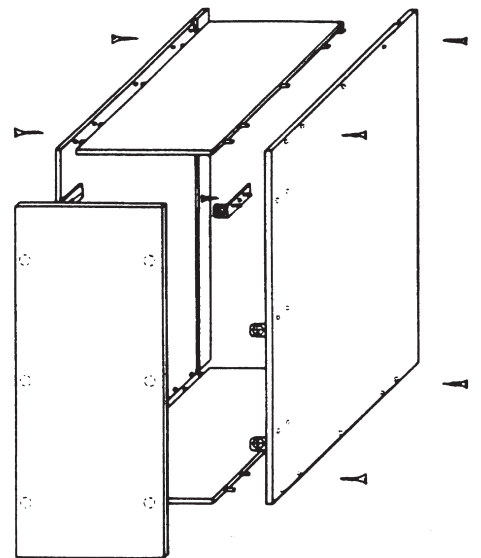
Panel for dishwasher



Box blenders and Ceiling blenders

Box blenders WOB .. and WOZ ..

- Lay out various parts and ensure drill holes align (above/ below).
- Press plastic brackets into side and screw tight.
- Align floor parts in width (if necessary) and drill.
- Glue parts and screw tight.
- Fix carcass to cupboard side or wall.
- Align front blender, re-drill if necessary and tap onto plastic dowels.
- up to 10 cm width = 1 side
- from 20 cm with = 2 sides



Ceiling blenders BDS ..

- Lay out parts and align drillholes, trim side batten to fit. Tap plastic brackets into batten. Screw batten to top of cupboard.
- Trim ceiling blender to fit ceiling.
- Tap ceiling blender onto brackets.

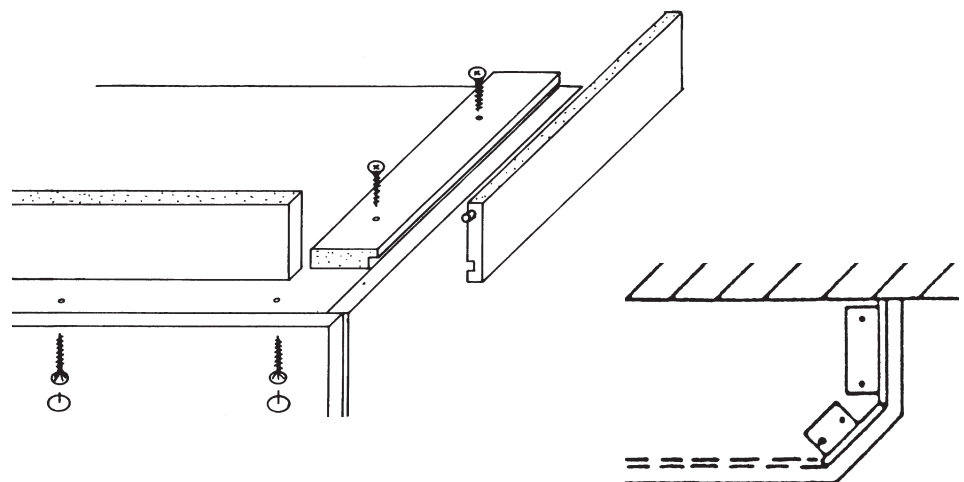
Blender set back:

Carcass (without front)

- At front: 10 mm
- At sides: 2 mm

Shelves

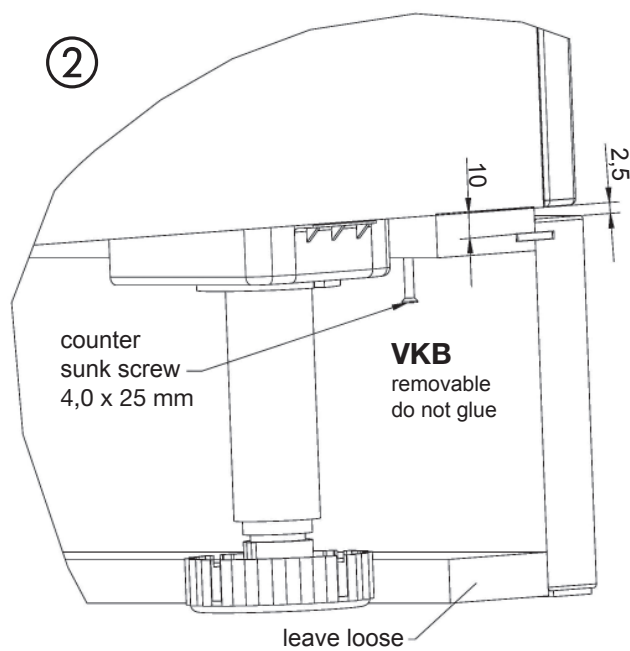
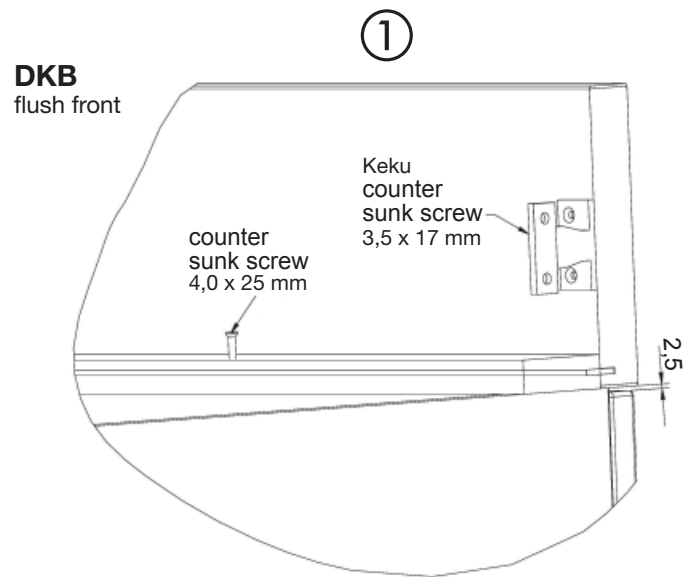
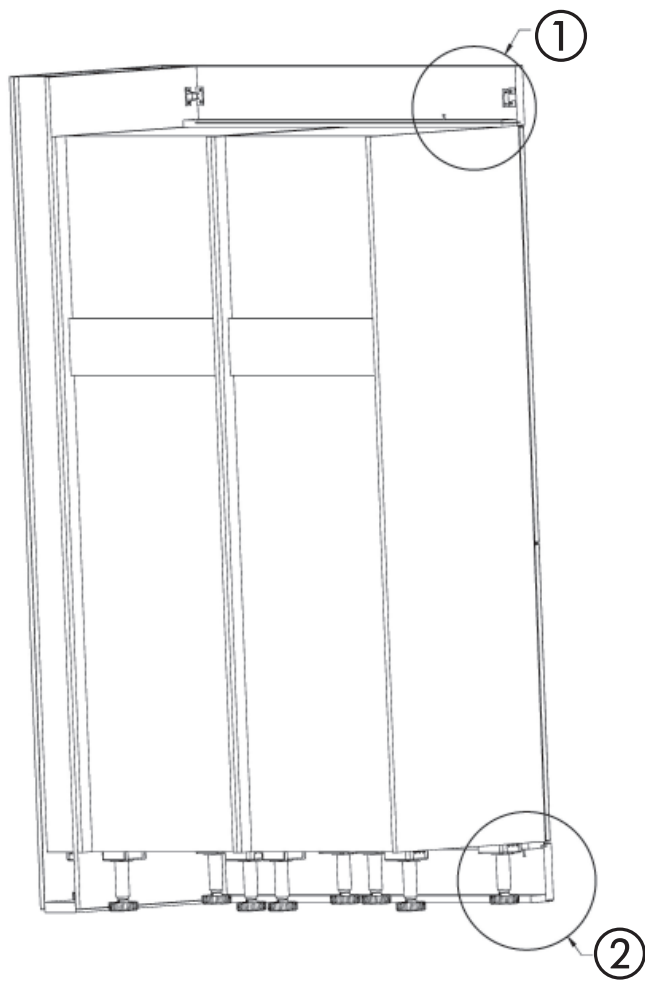
- At front: 30 mm
- At sides: 30 mm



Ceiling blenders BDZ ..

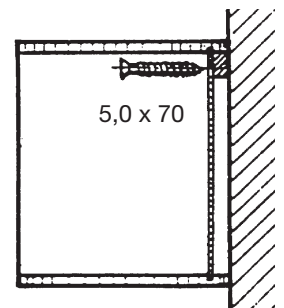
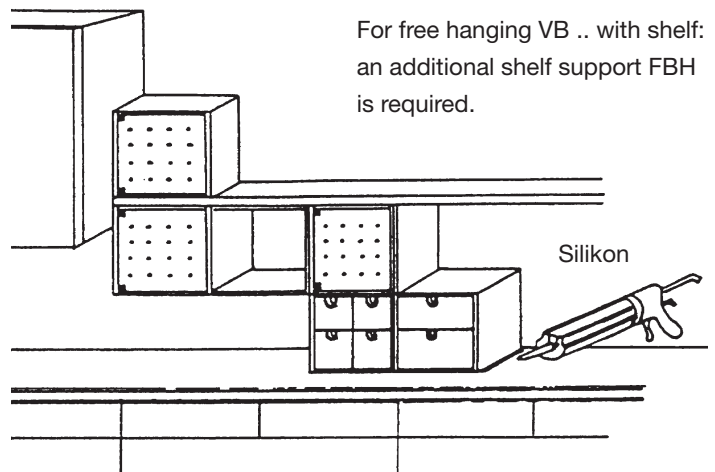
- Cut ceiling blender to appropriate length (note butt joints at ends).
- Trim ceiling blender to fit ceiling. Secure higher blenders to side blender with dowels.
- Fix ceiling blender set back approx. 10 mm from carcass front edge and screw with 4.5 x 40 mm spax-screws from underneath. Fit screw caps.

DKB - ceiling front blender
VKB - plinth front blender



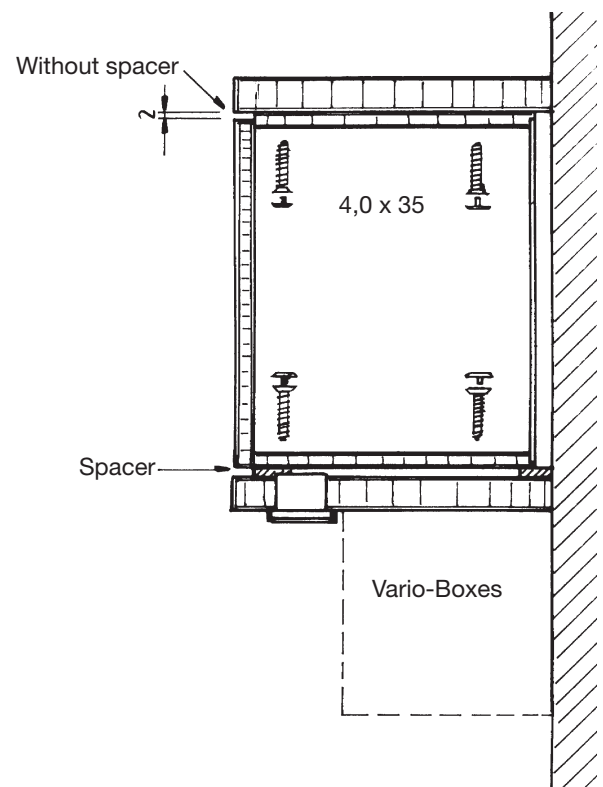
Vario-Boxes VB ..

Vario-Boxes which sit on the worktop must be protected from dampness all round. Please use the enclosed 2 mm thick plastic strips underneath and seal with silicone sealing compound.



Wall units with top and bottom

When using Vario-boxes and ELS 3-Halogen-Safety lights, the spacer has to be cut in the light area.

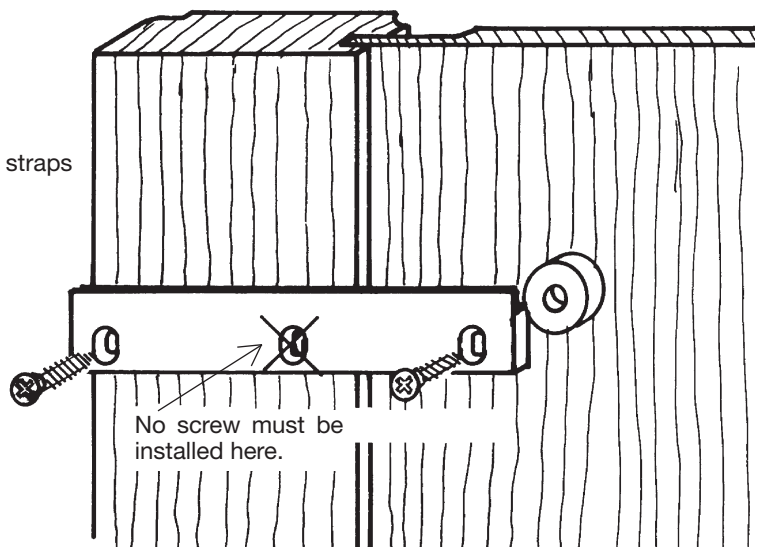


Fixing

Fitting door straps / Panels

It is imperative to check the length of screws before fixing panel to frame.

Fitting door straps



Side panels

In order to avoid transit damage, all side panels are supplied separately.

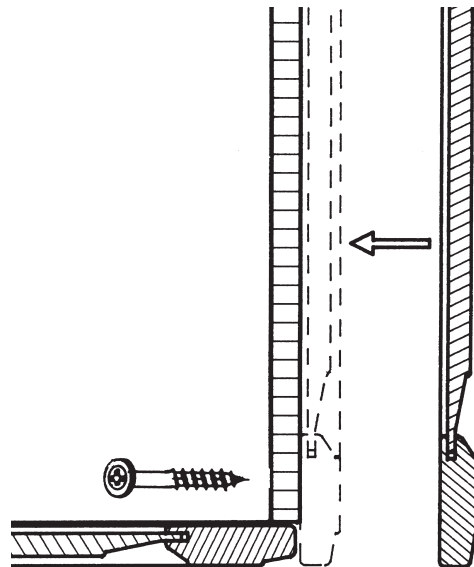
Fixing materials are supplied.

Drill through cupboard side with 5 mm drill existing factory-drilled holes where required. Secure panel to side of unit with screw-clamps.

Secure panel from inside of unit with 4.0 x 28 mm screws supplied.

Tap on screw caps.

Caution: Take extra care when installing hollow profile side panels of the type shown in the diagram. Check length of screws to avoid piercing the face of the panel.



End panels AVANCE



Screw end panel support frame to the connecting carcass.

Apply glue into dowel drill holes.



Fix recess grip with external corners (Silicon).

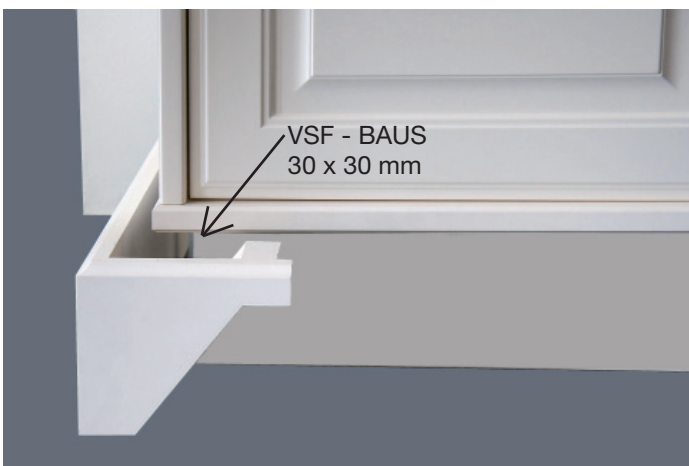
Tap on side panel-front parts.



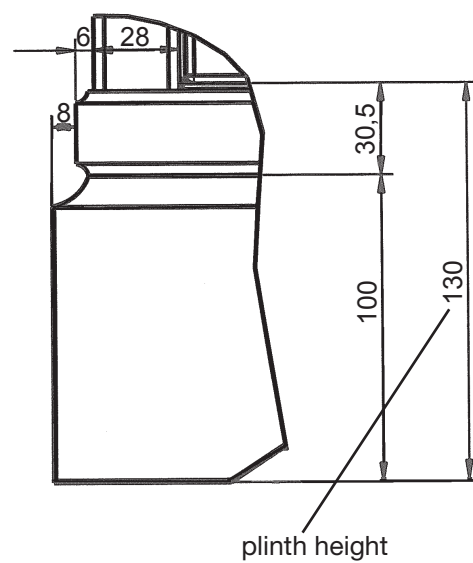
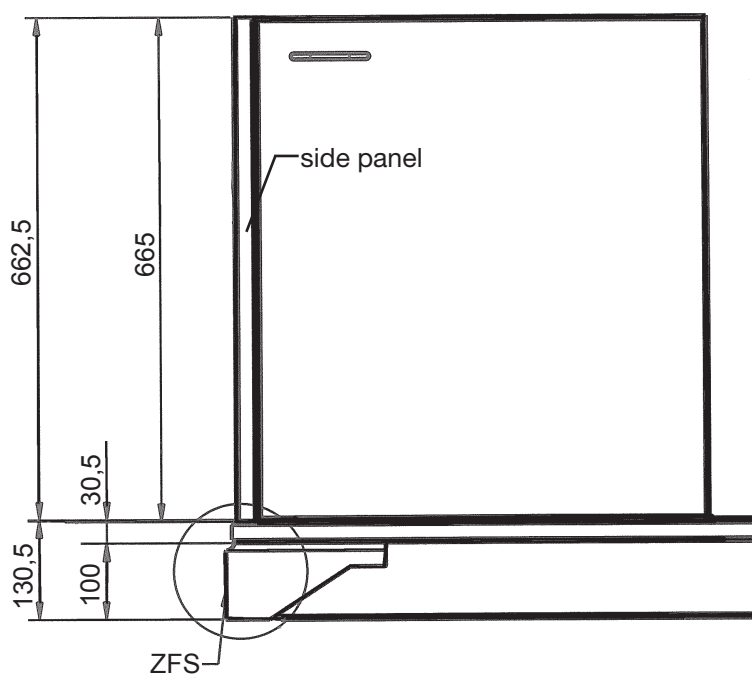
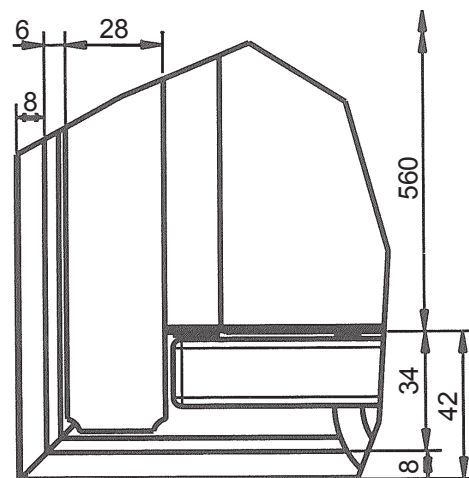
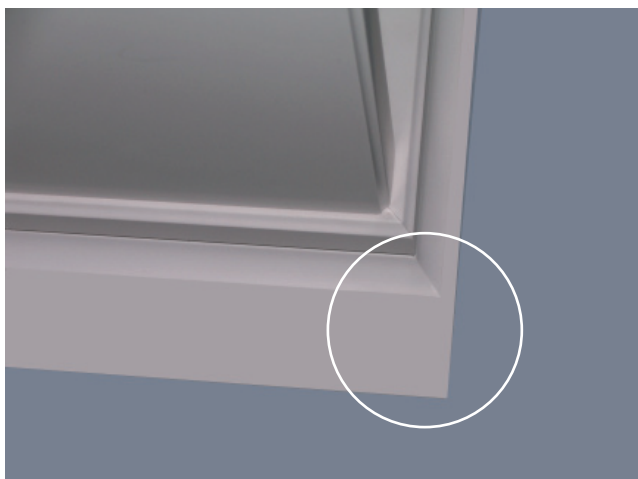
Country house and City-Style



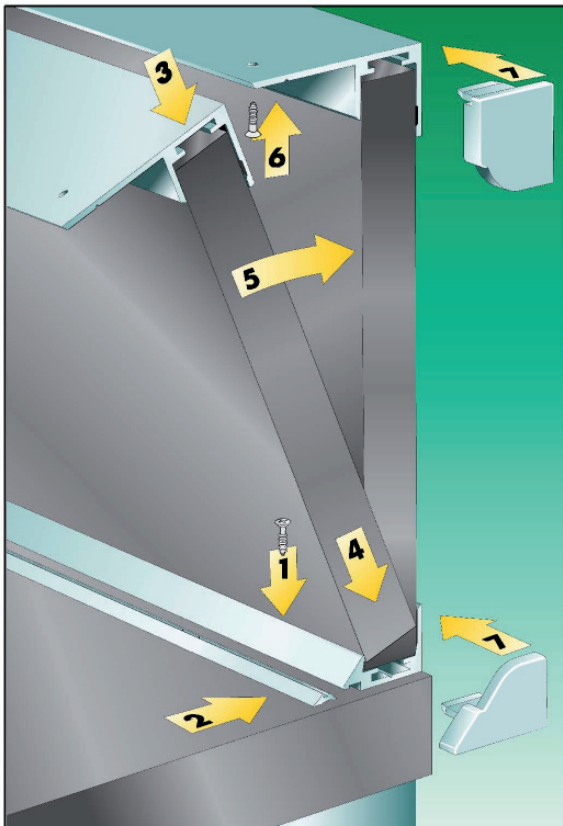
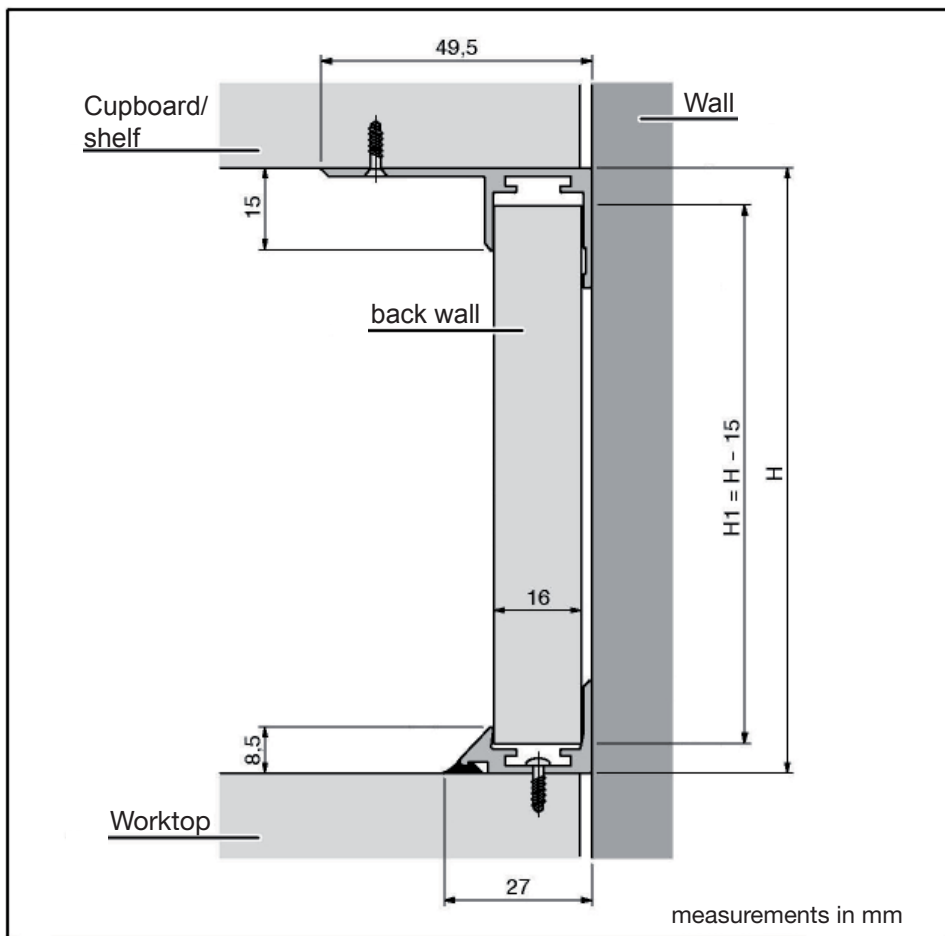
Attention! Drill inclined towards back.



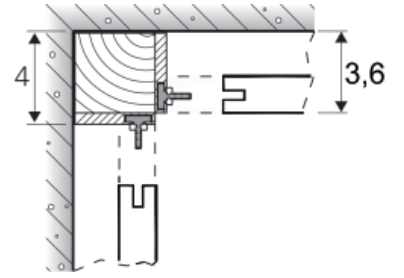
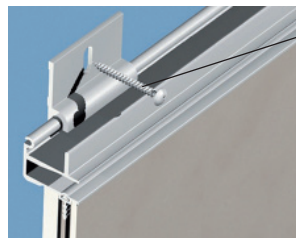
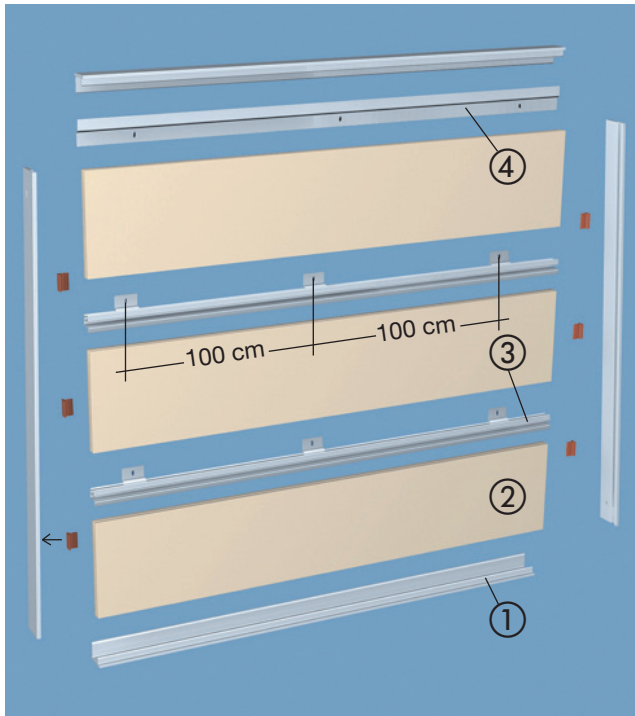
Country house and City-Style



WVW.. Niche cladding

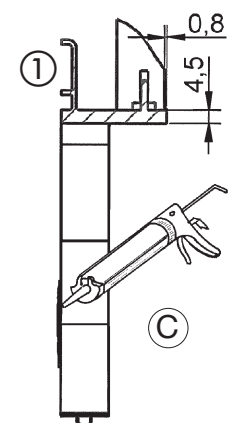
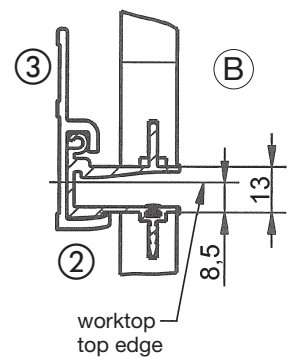
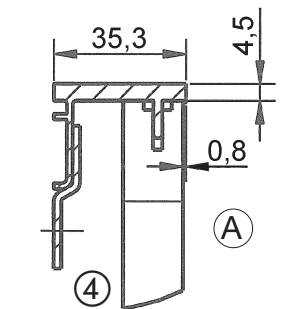
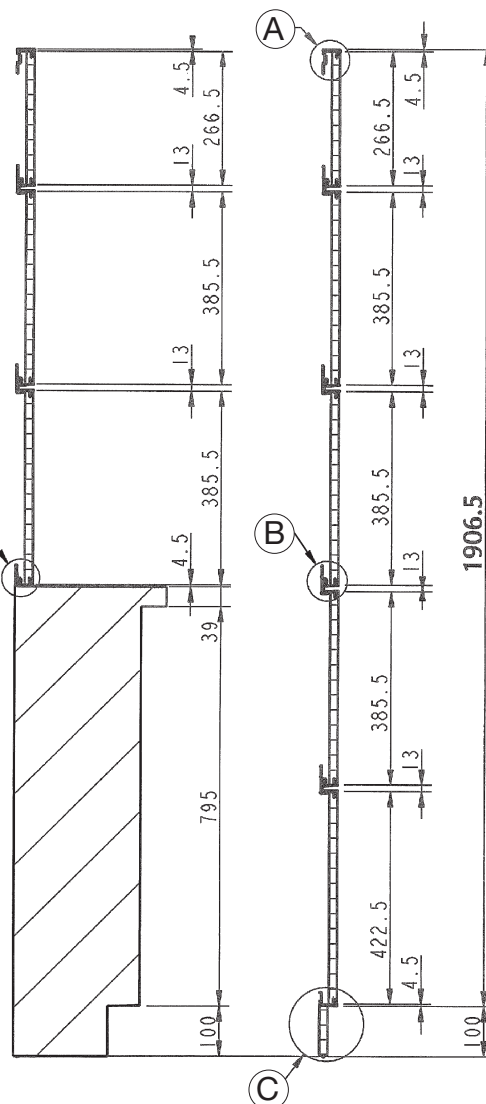
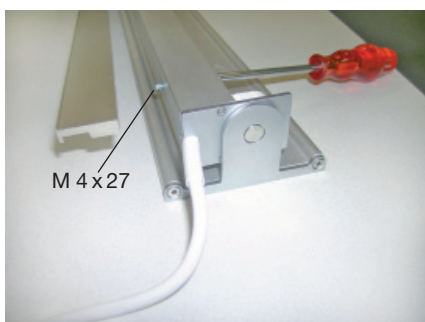
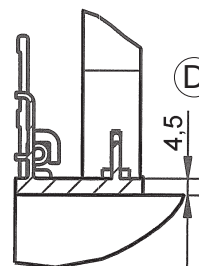
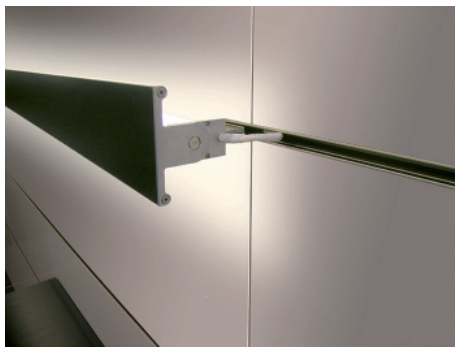


Panel 40



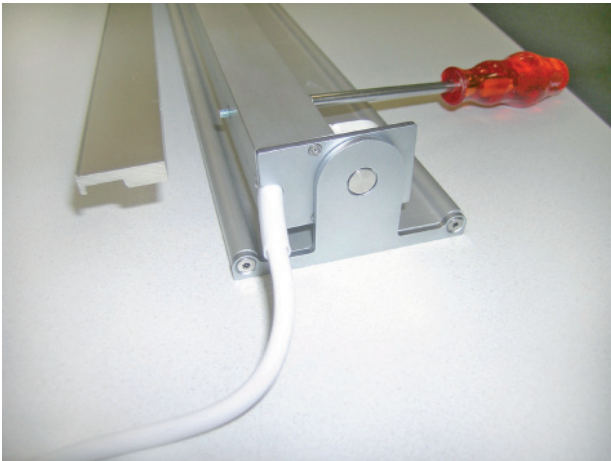
Panel wall corner
1 wooden corner bead
2 covering battens PW S

Wood screw
5,5 x 60 mm



PW NL ...

Installing connecting cable for Paneel.



1) Fix suspension rail.



2) Cut out cable guide.



3) Position connecting cable.



4) Suspend light.



5) Electrical supply at side or above.

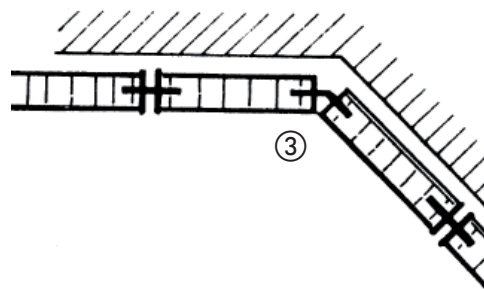
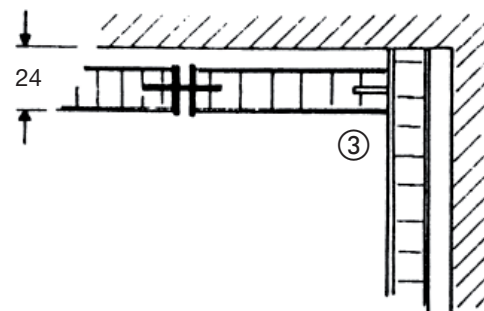
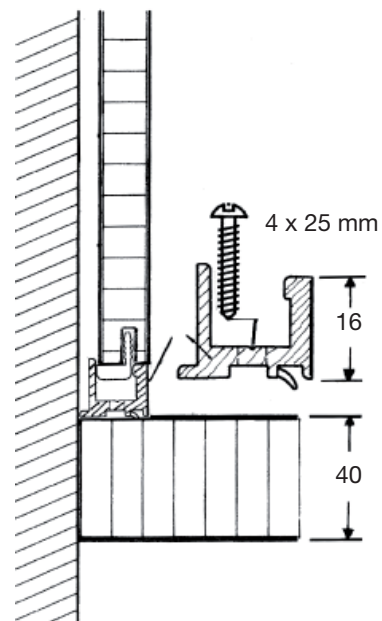
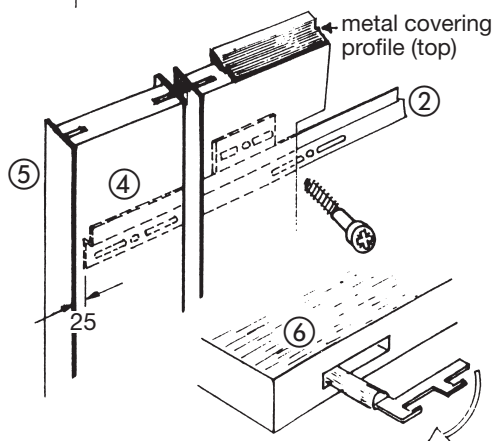
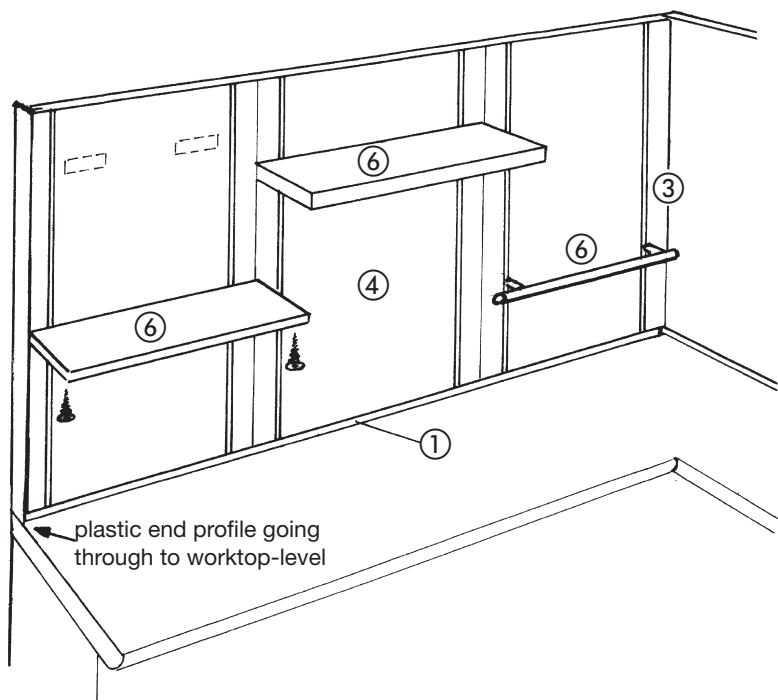


6) Align rail element.

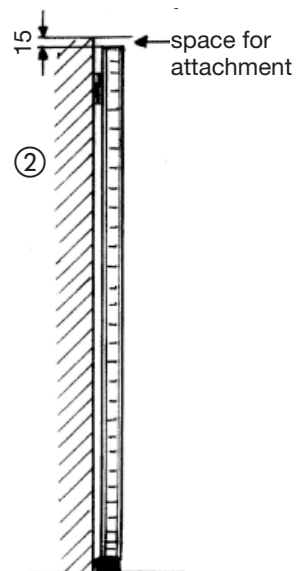
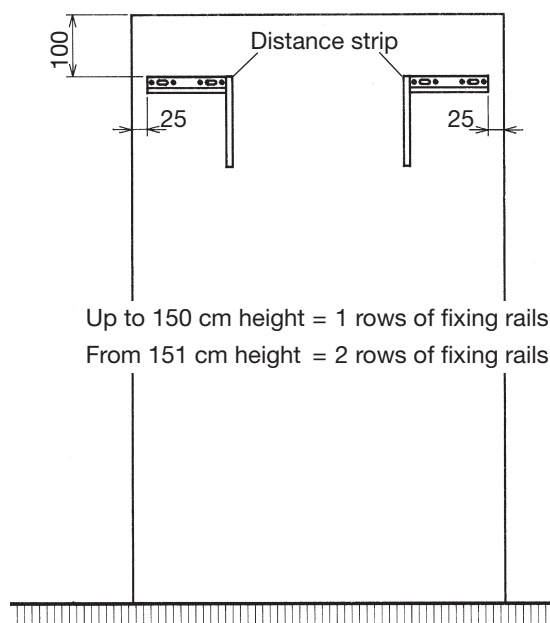
PW FB - Support bracket for Paneel 40 shelves



Panel shelf system PRW

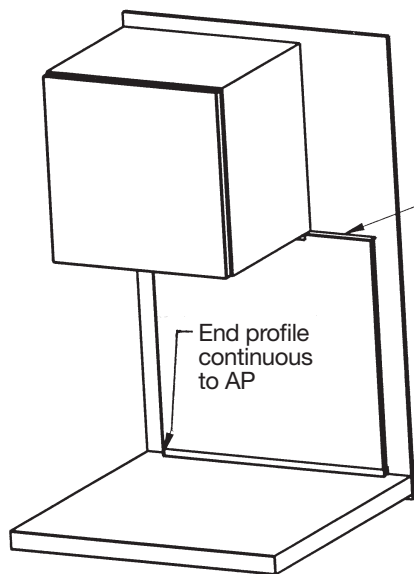


PV, PVW and PRW higher than 700 mm



Panel shelf system PV and PVW

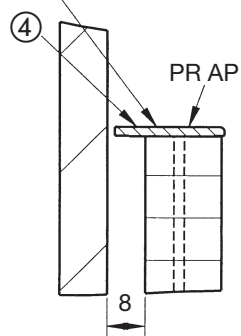
Fitting sequence ① ② ③ ④ ⑤



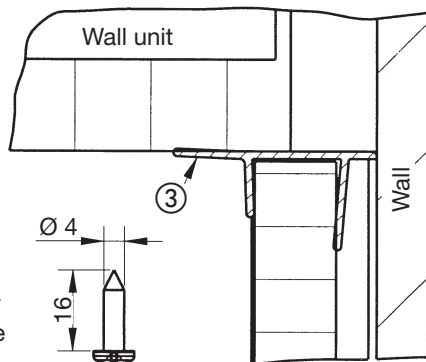
Finally glue on PR AP.

End profile continuous to AP

Cut D-D

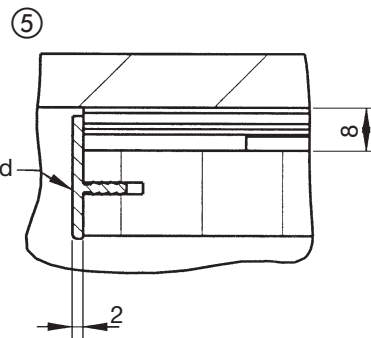


Cut B-B

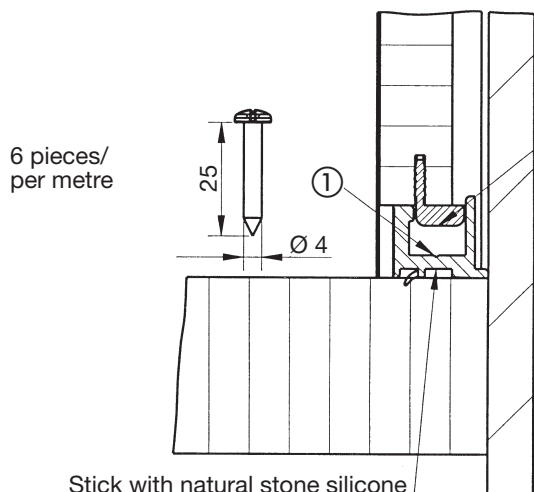


6 pieces/ per metre

Cut A-A



Tap in end profile

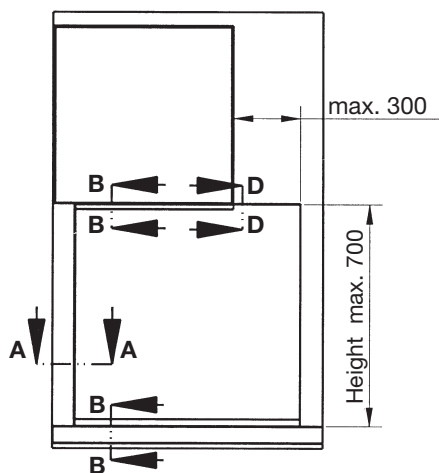


6 pieces/ per metre

② 3 pieces per metre tap in

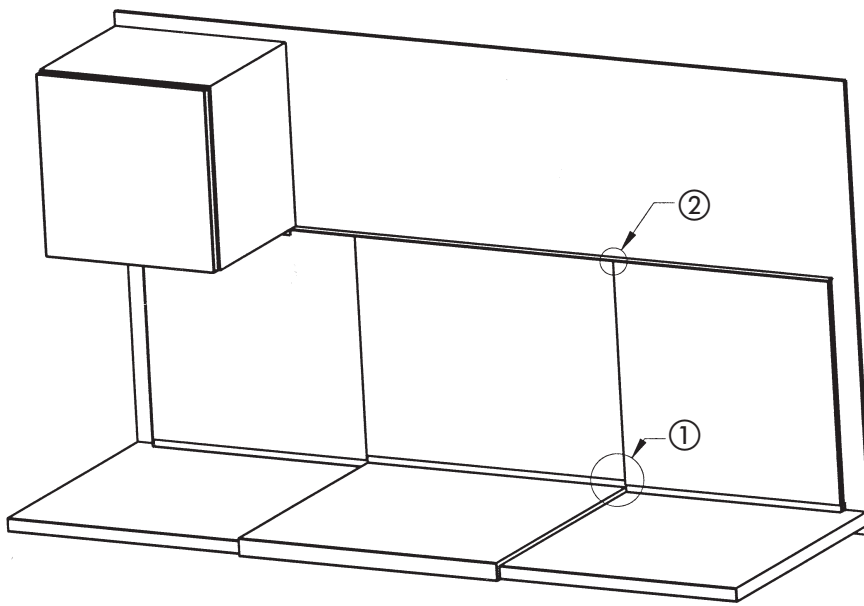
Stick with natural stone silicone
Stainless steel and granite AP.

Front View

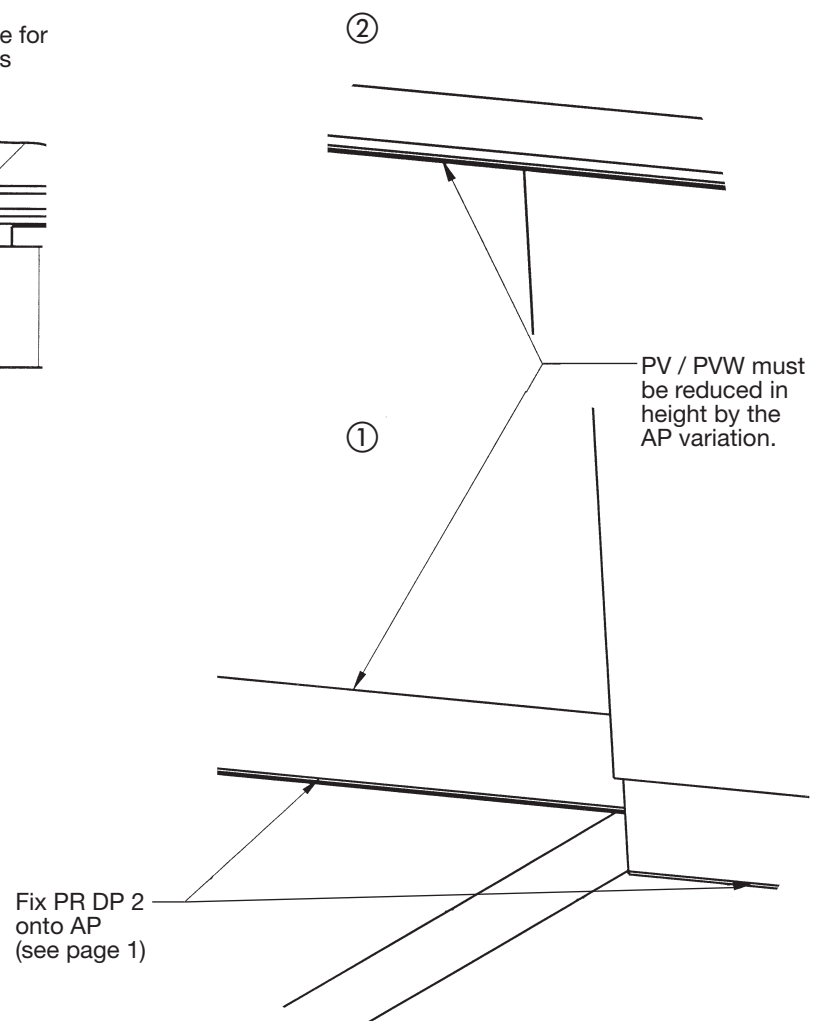
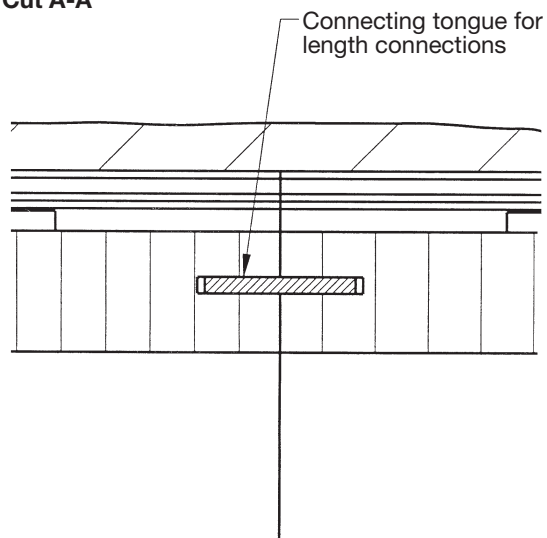


Panel shelf system PV and PVW

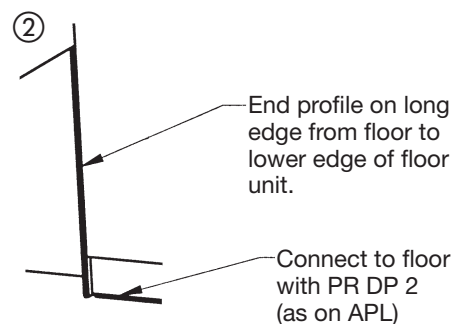
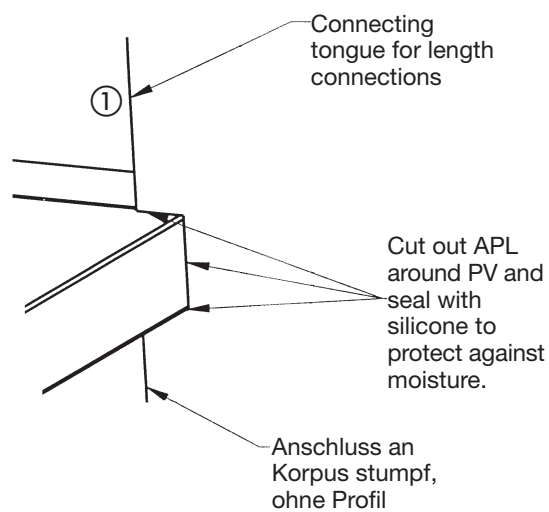
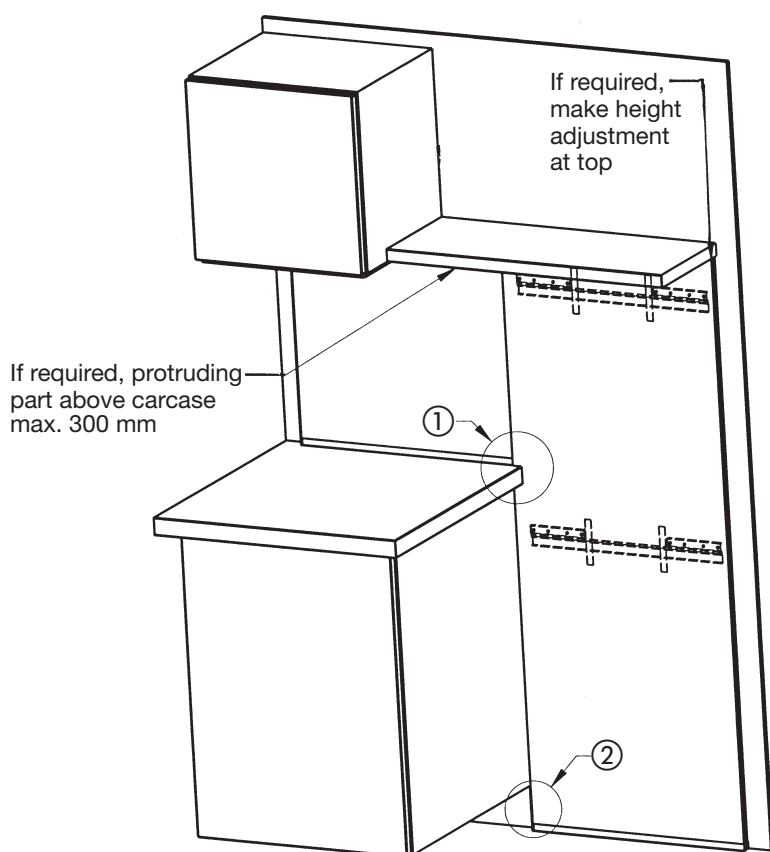
Special features with AP variation



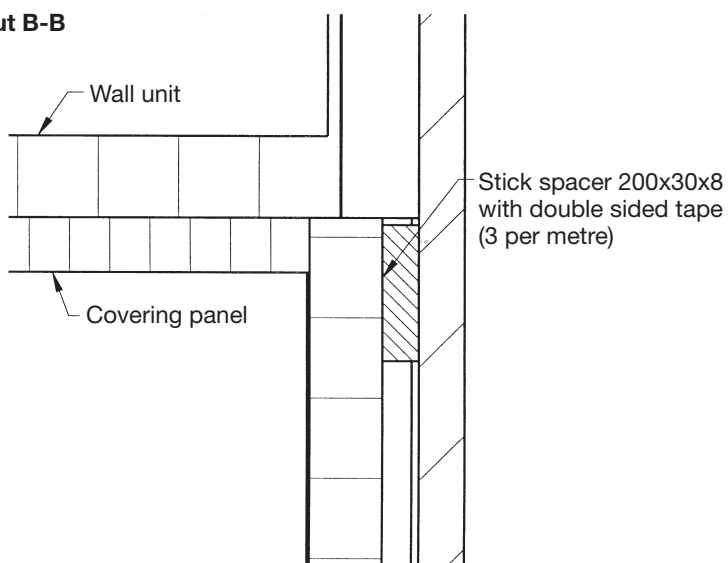
Cut A-A



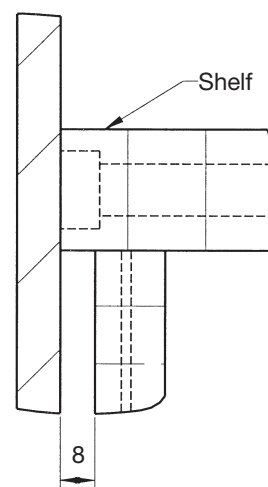
Panel shelf system PV and PVW Special features with covering panel UB ..



Cut B-B

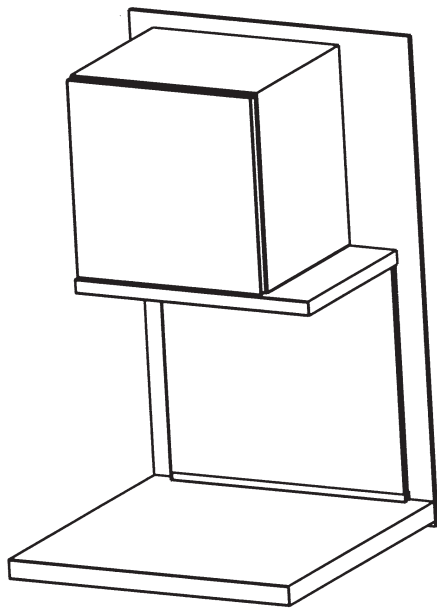


Cut D-D

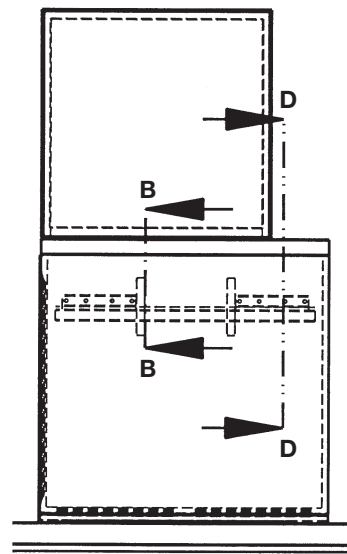


Panel shelf system PV and PVW

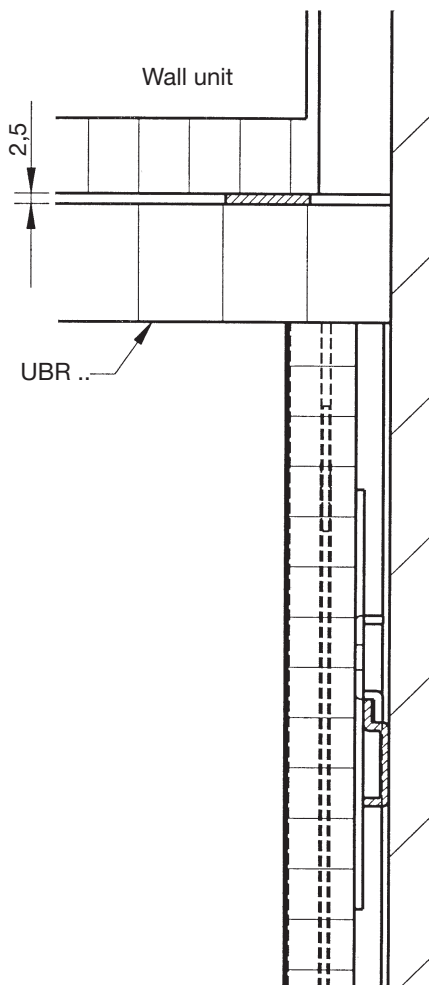
Special features with UBR .., FB .., canopies



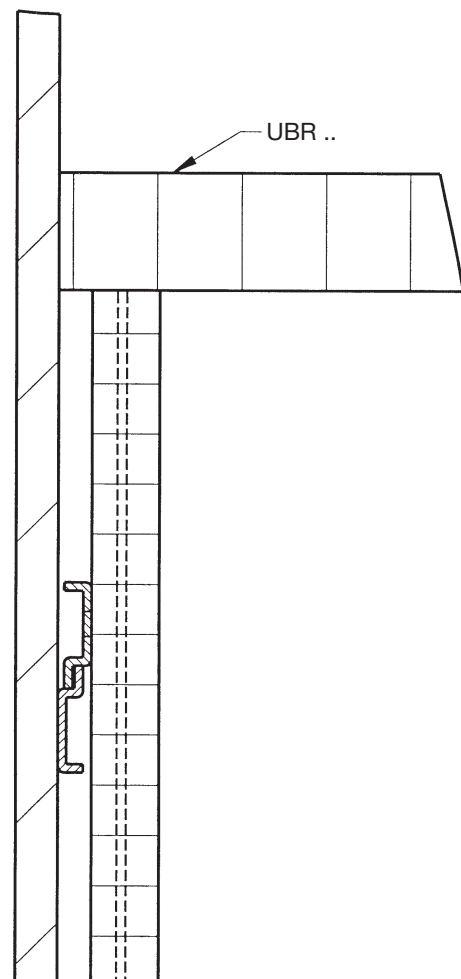
Front View



Cut B-B

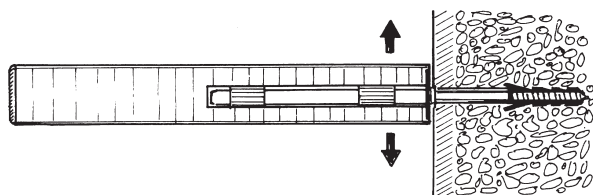
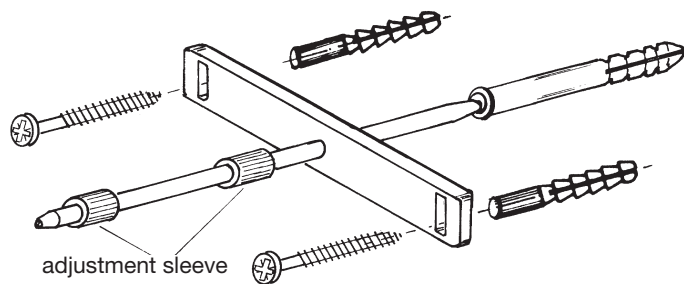


Cut D-D

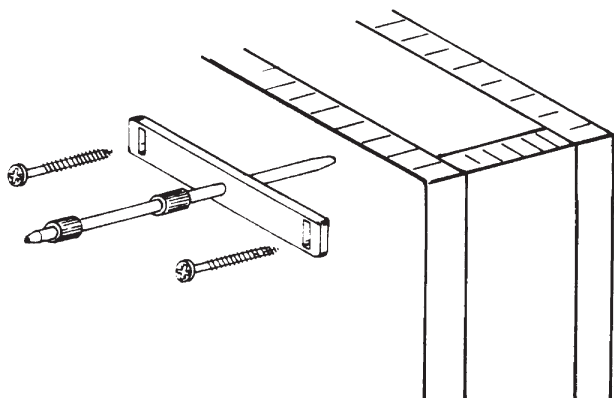


Shelf FB ..

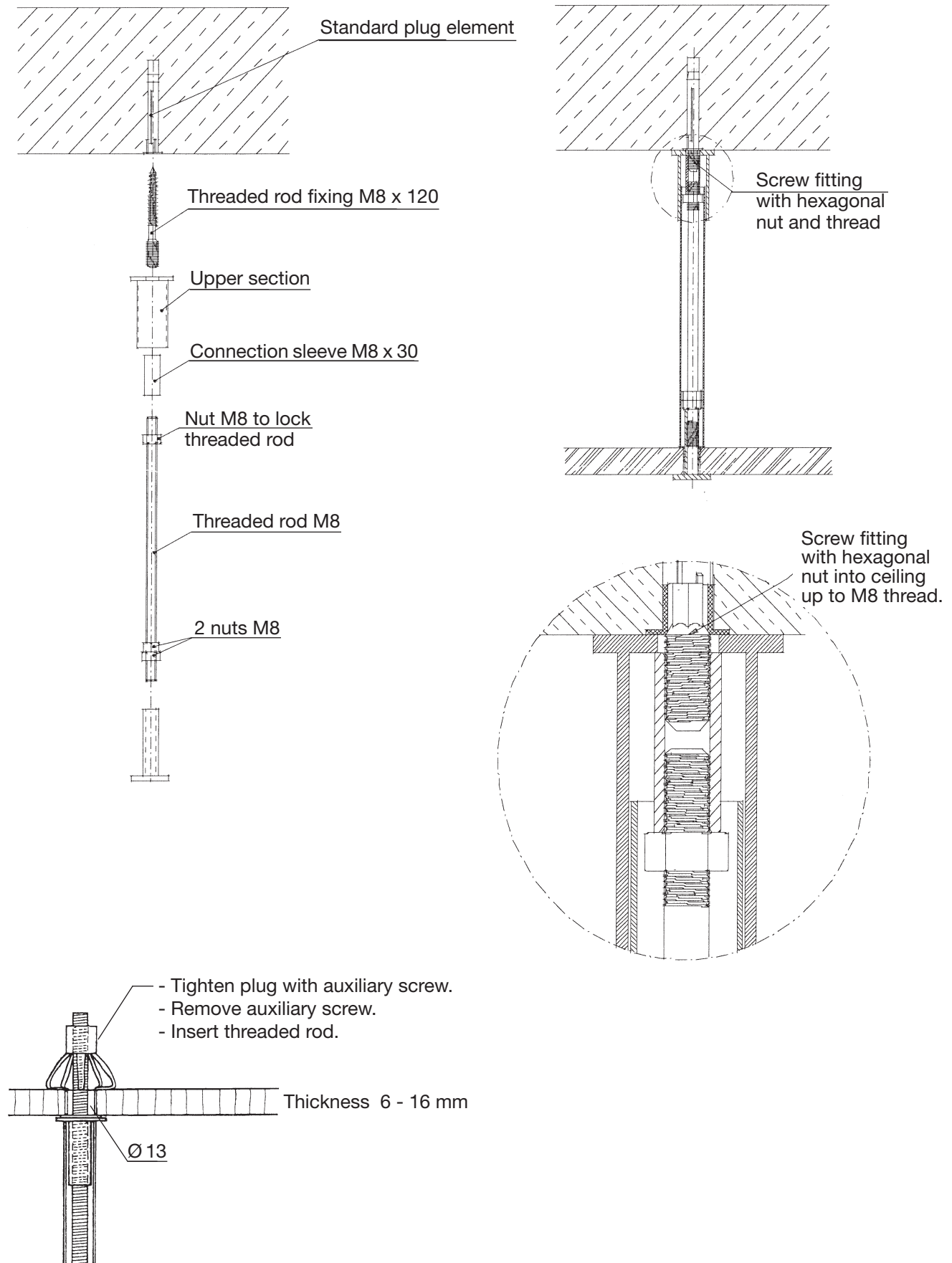
Wall fixing



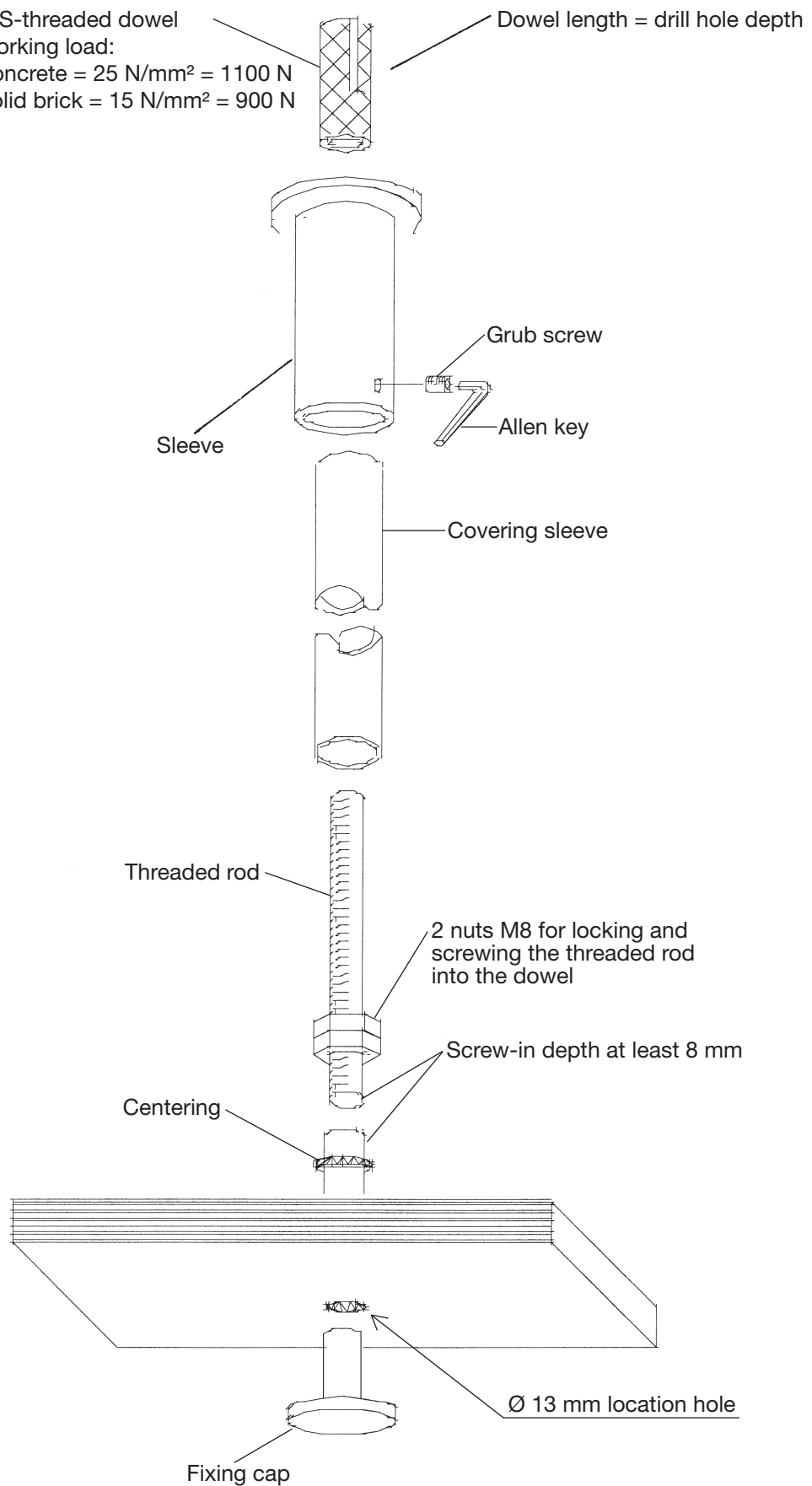
Fixing on display wall



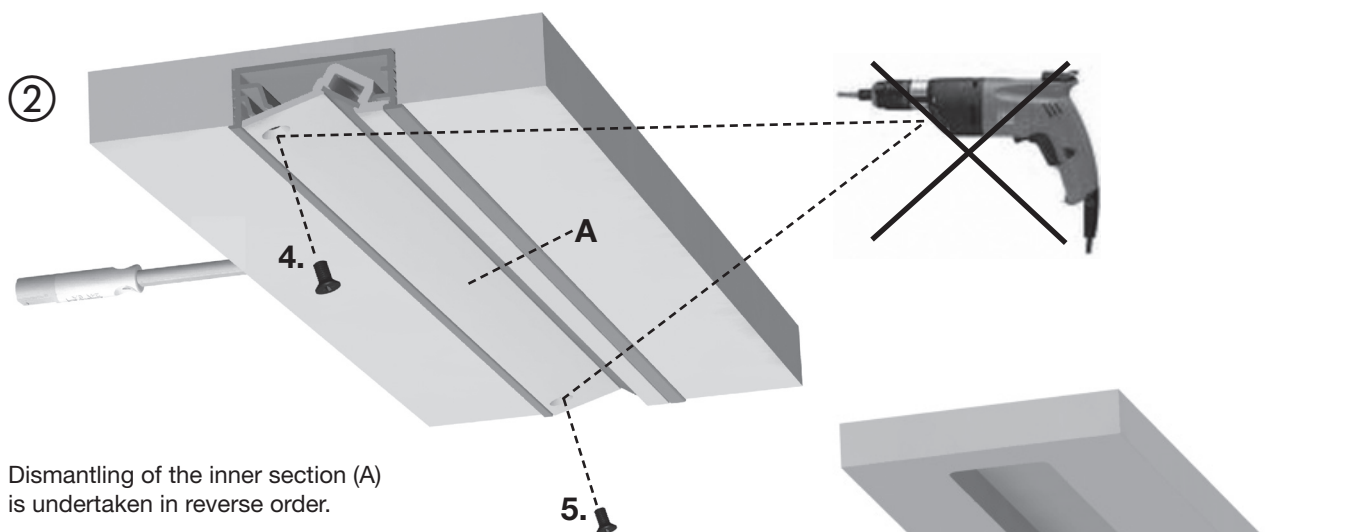
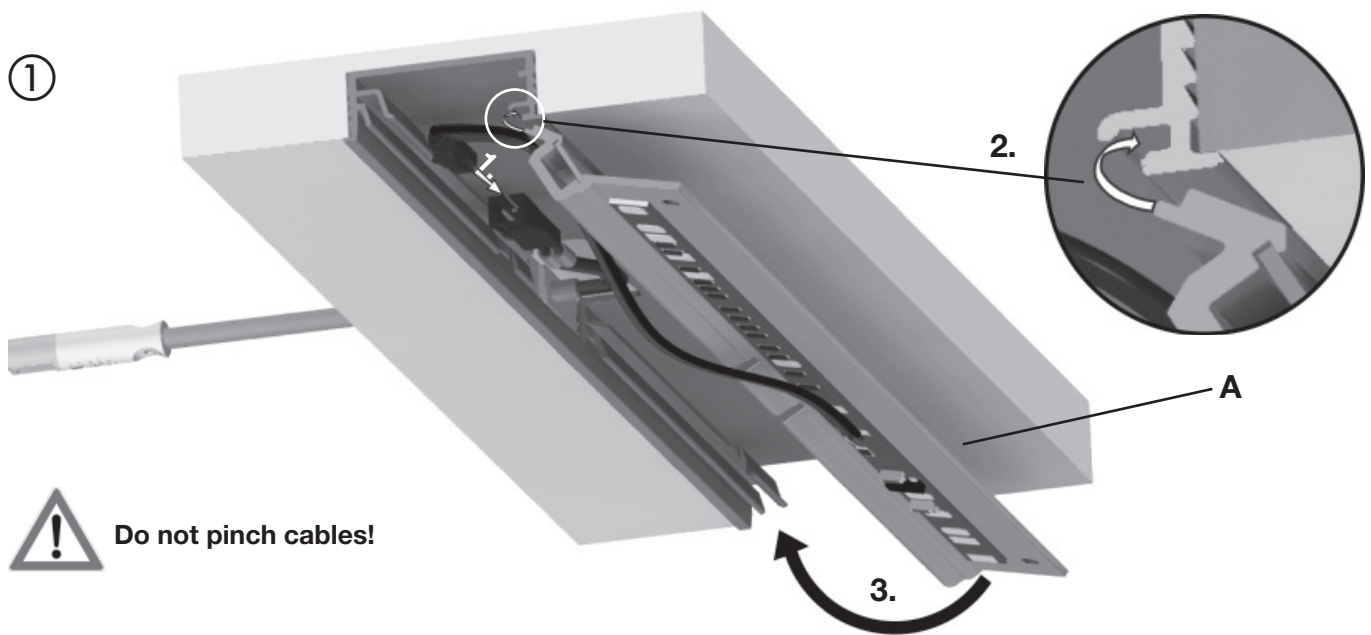
It is important to check the condition of ceiling.



MS-threaded dowel
working load:
concrete = 25 N/mm² = 1100 N
solid brick = 15 N/mm² = 900 N



GLE, NLE and BLE... LED-lights



suitable for installation
on / into furniture

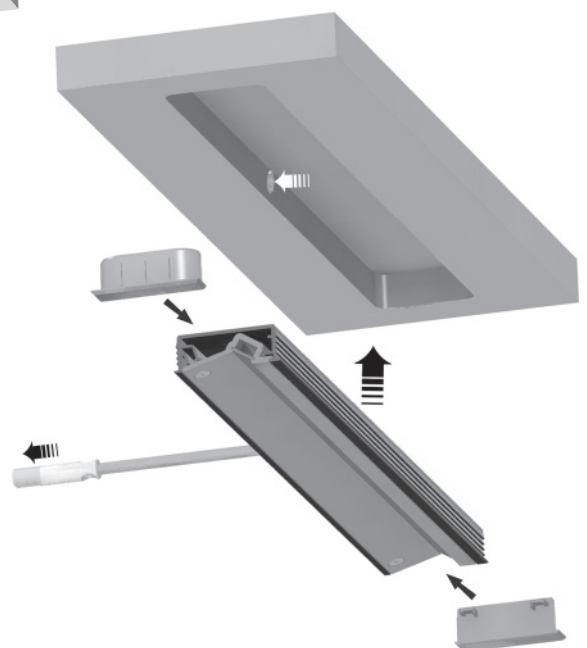


class of protection III

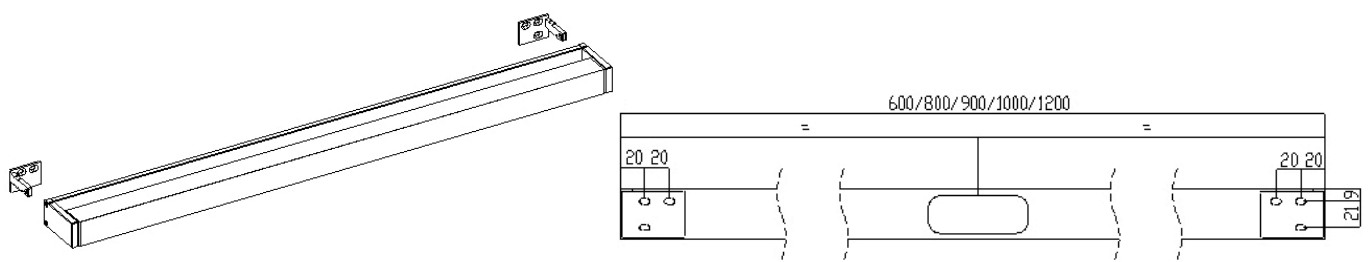
Connection of luminaire only on safety extra-low voltage (SELV) from LED-Driver 24 V in accordance with standards EN 61347-2-13 and EN 62384.

Individual LEDs cannot be exchanged. In case of failure replace the internal aluminium profile (A).

A damaged supply lead should be replaced by the manufacturer, his service personnel or adequately qualified personnel only.



WL .. Wall light



Installation of the light

- affix wall fixing brackets
- slide wall light on to the fixing brackets
- tighten the product with appropriate grub screws.

Electrical connection

- the electrical connection must be carried out by a professional operative Voltage 230 V.
Attention! Do not damage electric cable.
- We accept no liability for incorrect installation!

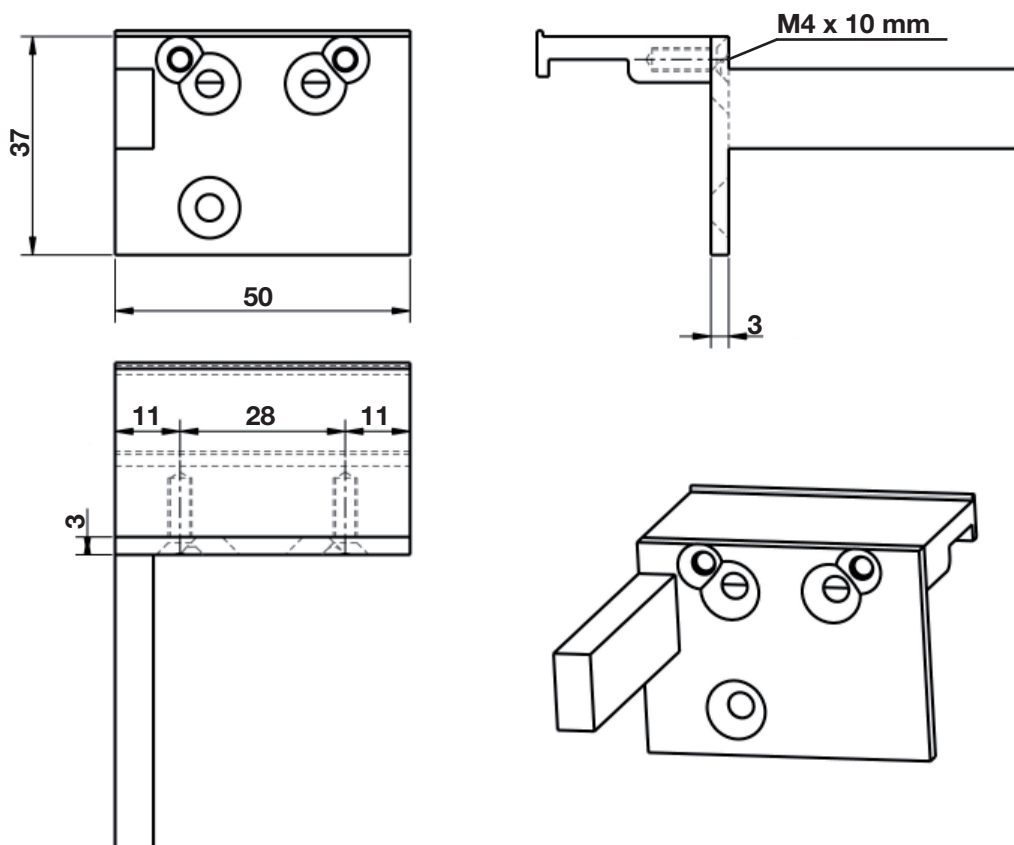
Change of lamp

- lamp T5
- remove acrylic cover
- change lamp (use red turning guide on the lamp holder)
- replace acrylic cover

Care instruction

- Clean the wall light using a soft cloth.

PW WL .. Paneel 40 wall light

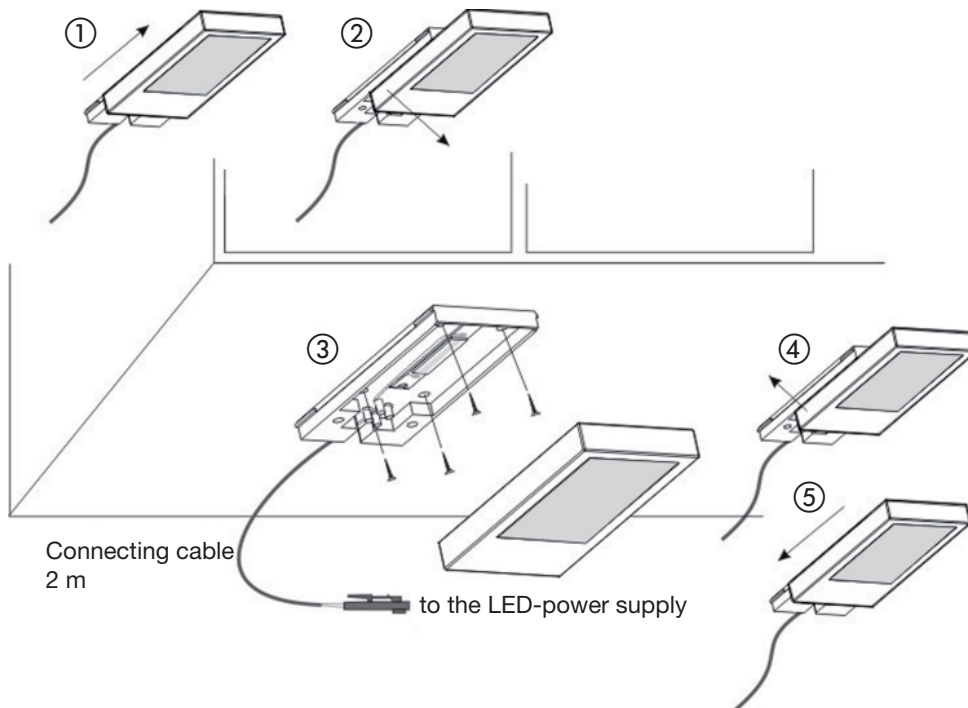


LEL Fitted Light

For fixing to wall units and lining shelves only use the LENT-mains adaptor with 6-way distributor 12 V DC to EN 61347-2-13

Voltage: 12V
Power supply: 1 x 4,2 W

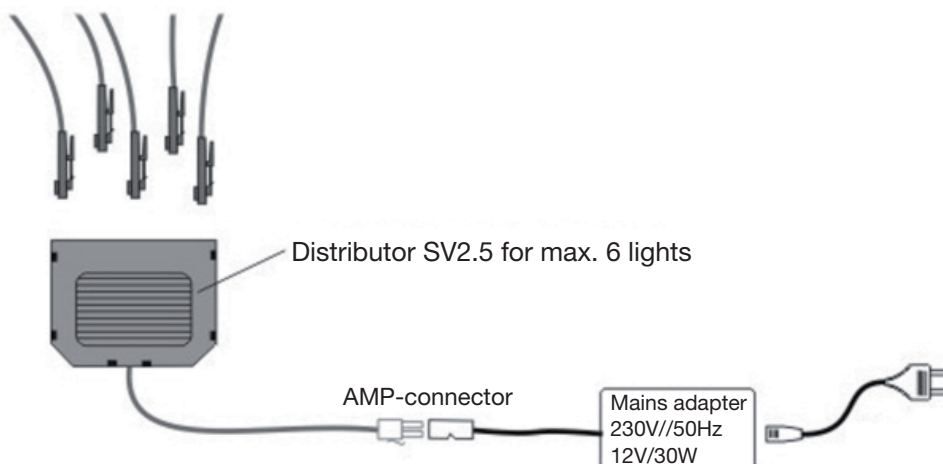
Remove light cover before fitting ① and ②. Fix the LED-light to required position with enclosed screws ③. After fitting slide the cover in reverse sequence ④ and ⑤. Make the connection of the light without damaging the insulation. After fitting connect the spotlight directly or with the enclosed LEVK 200 2 meter long connection cable to the power supply. Do not overload the power supply, always observe the capacity rating!



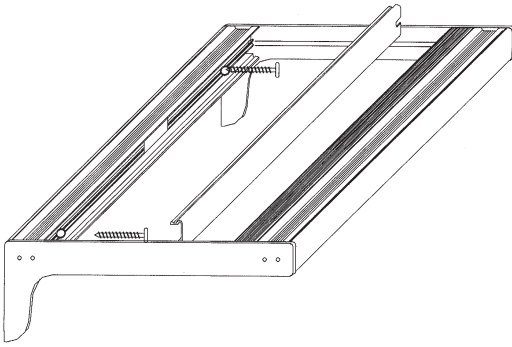
ATTENTION:

The original-connection cable (Transformer as well as light cable) must not be extended or damaged. If an alteration or an exchange becomes necessary, this should only be undertaken by a qualified person with the appropriate replacement cables from the manufacturer and to the relevant regulations!

The fitting direction according to sketch must be adhered to (heat development)!



LBG 90 Lighted glass shelf



1. Fitting the lighted glass shelf

- thread screws through light shelf and fix to wall (screws, plugs)
- clip the enclosed covering profile into the wall profile after fixing the light shelf and electrical connection.
ATTENTION! Do not damage the cable.
- lay glass top in position.

2. Changing the light

- remove glass top.
- lightly ease the acrylic profile from the aluminium profile and remove from its location points.
- after changing the tubes clip the acrylic profile carefully back and return glass top to its original position.

3. Maintenance

- when dirty just wipe the lighting surface with a soft cloth.

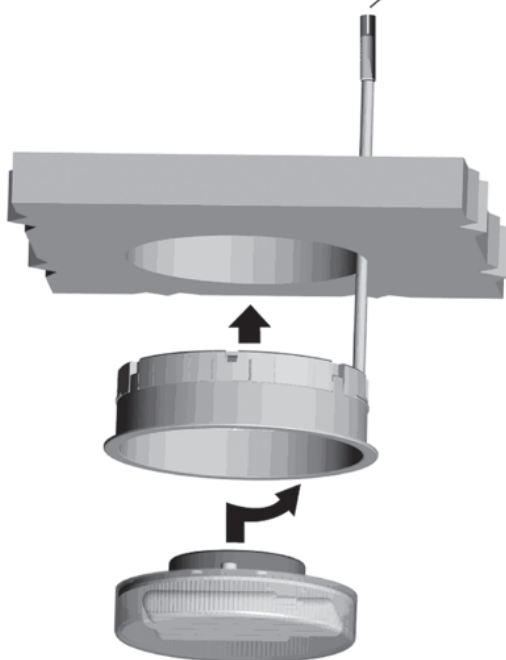
4. Electrical connection

- the electrical connection must only be undertaken by a qualified electrician and is made using the appropriate connectors.

We take no responsibility for improper use!

Energy saving lights ENL6 / HNL6

For connection to mains high voltage
power distributor



Sylvania MLF 7W



Protection category II



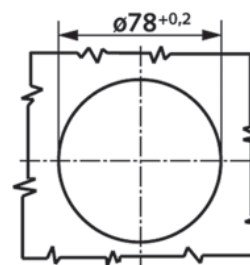
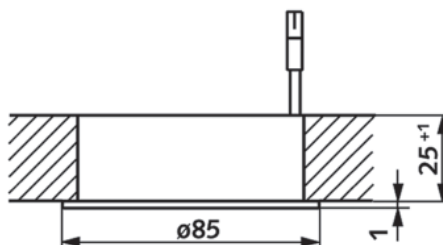
Suitable for building-in and –
on to furniture



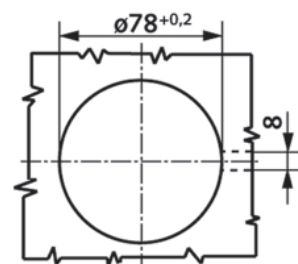
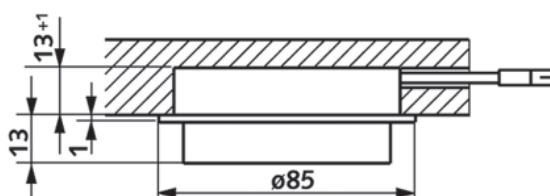
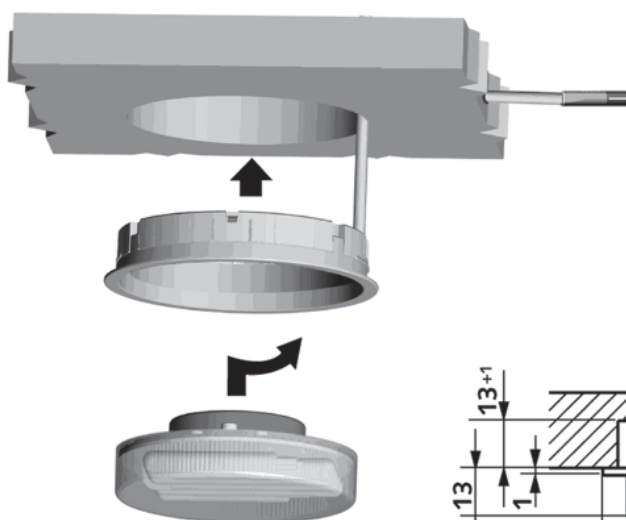
Suitable for installation in normal
inflammable building materials
(e.g. wood)



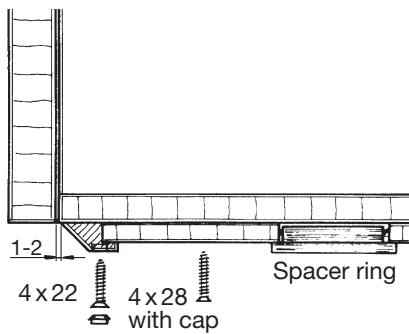
EU Conformity code



1. Fitting the light in or on metal parts is not permitted.
2. The connecting cable of this light cannot be changed. If the lamp is damaged, it has to be destroyed.



Under cupboard panel with masking trim and halogen lighting



In lining panels (underneath wall units) and in glass fronted cupboards:

Clip collar onto halogen light housing. Press light into fixing ring. Apply slight pressure only to the rim. Light will lock in through locking springs (see illustration).

In top shelves:

Press lights into existing groove. Apply slight pressure only to rim. Light will lock through locking springs.

Attention: important information!

For safety reasons use only halogen lights with automatic switch-off (sensor lamps) in positions where the angle of the door opening might rest the door immediately underneath (less than 15 cm distance) or above inflammable parts, as this could cause burn marks.

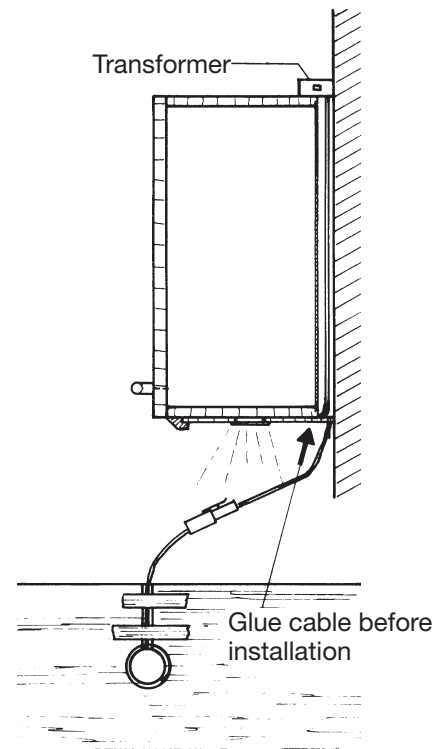
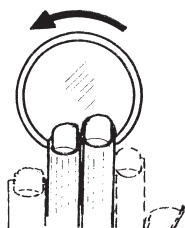
These lights are marked. (LEICHT type for covering panels and glass cupboards HLS 4, for top shelves ELS 4). After completion of installation, place door underneath halogen light and check that automatic switch-off is functioning. Should the light not switch off after 30 seconds (especially with black edged doors) the enclosed reflector strip will have to be applied to the top edge of the door.

If these instructions are ignored, accumulation of heat can damage door surface or even cause fire.

It is essential to stress the necessity of the reflector strips so that they will not be removed during cleaning. For protection and safety reasons (danger of current interference to electronic appliances and pace makers) **light cables (low voltage) must not exceed 2 m in length.** In the event of cable lengths being required in excess of 2 m, an additional transformer of the same type must be used. Particular consideration for shelves, top shelves and covering panels.

Changing of lamps:

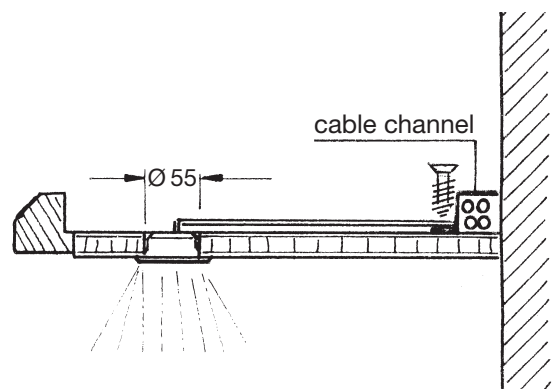
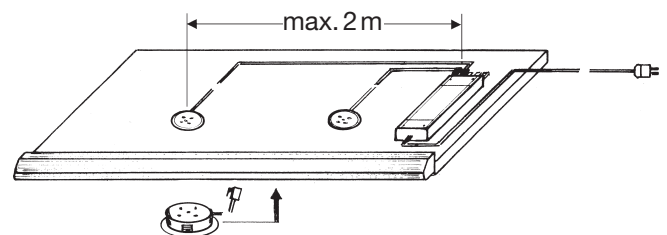
Twist glass pane with holder anticlockwise to stop position and remove towards front.



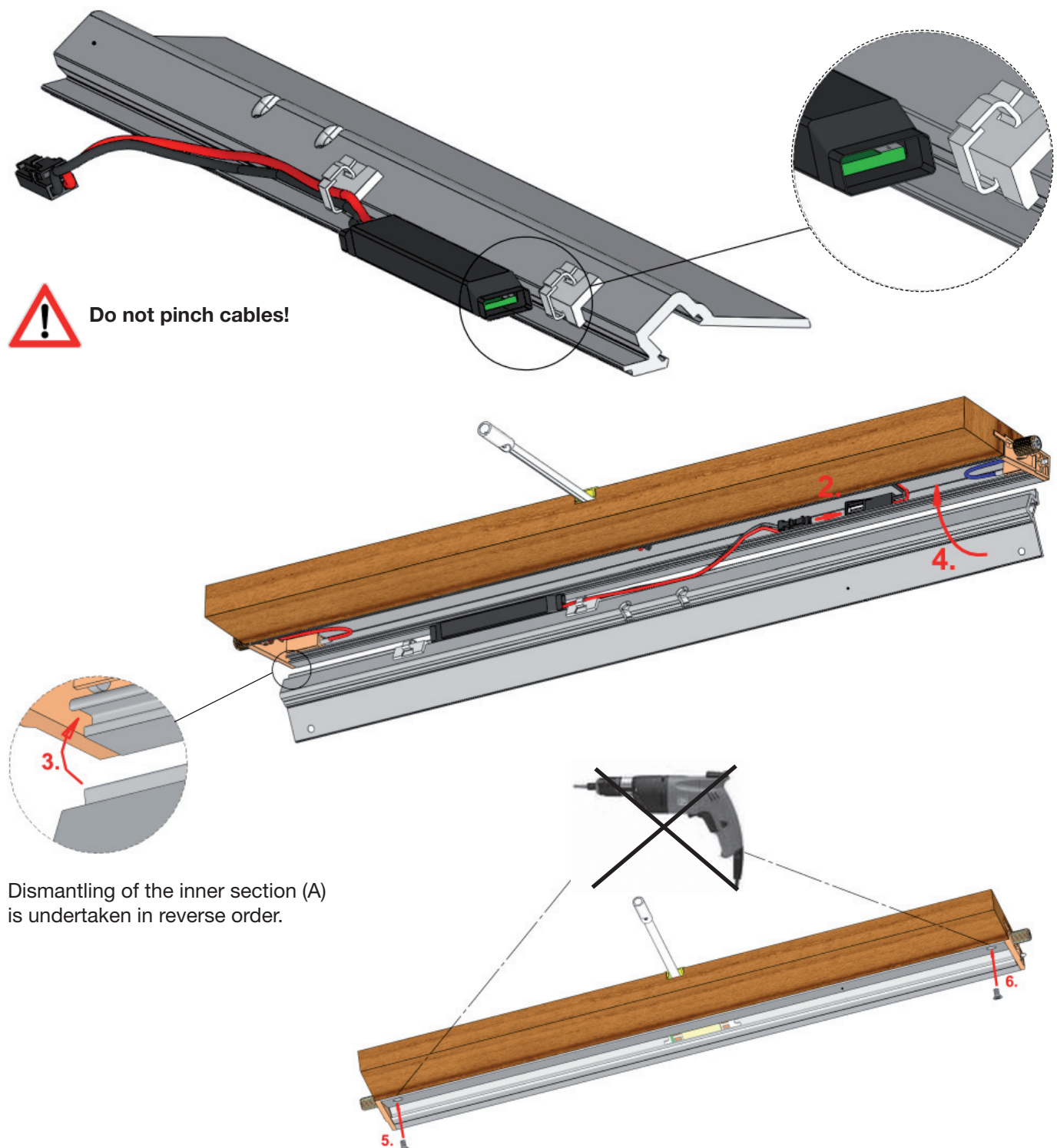
Use only lamps of 12 V/ 10 W or 20 W. If light fails, check fuse on electronic transformer in the first instance.

Useful tips for shelves, top- and lining-shelves:

When making cutouts for lights on site, special attention must be paid to ensuring clean cuts. Tears must always be removed by filing or sanding down with sand paper. Ignoring this can lead to hairline cracks in the surface at a later stage.



AMBIENCE floor profile



Dismantling of the inner section (A) is undertaken in reverse order.



suitable for installation
on / into furniture



class of protection III

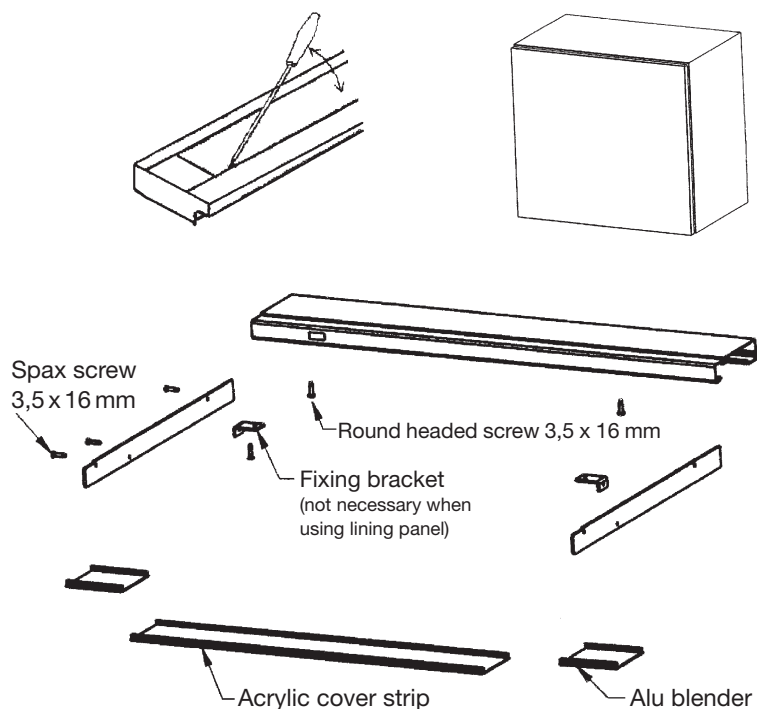
Connection of luminaire only on safety extra-low voltage (SELV)
from LED-Driver 24 V in accordance with standards EN 61347-2-13
and EN 62384.

Individual LEDs cannot be exchanged. In case of failure replace the
internal aluminium profile (A).

A damaged supply lead should be replaced by the manufacturer, his
service personnel or adequately qualified personnel only.

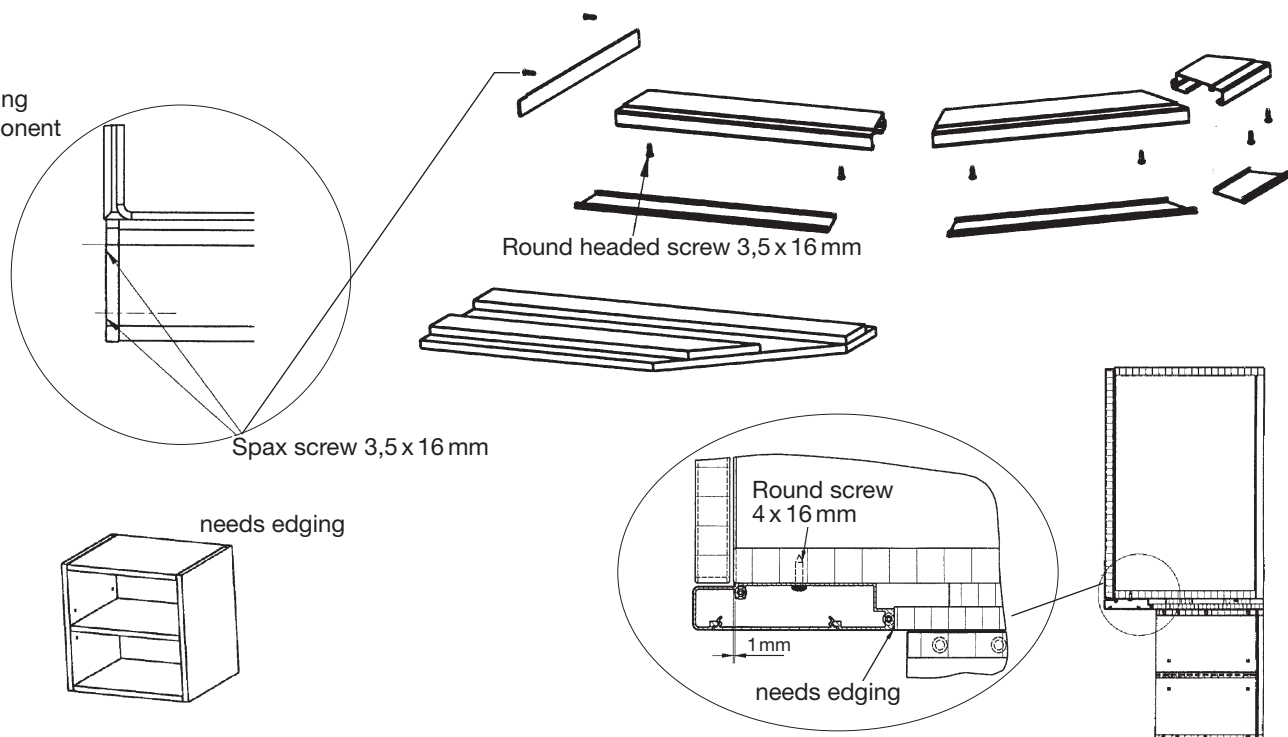
Aluminium light profile

- 1) Carefully remove the acrylic cover with a broad flat instrument. Place this between acrylic cover and light at the outer edge and ease the acrylic cover out.
- 2) Align the light strip to the cupboard and fix with the enclosed round head screws 4,0 x 16 mm.
- 3) Slide the acrylic cover into the groove on one side of the light and press down the other side until the acrylic cover clicks in.
- 4) Align lining panel if required.
- 5) Fix lining panel with counter sunk screws 3,5 x 30 mm.
- 6) If required, fix side profiles with counter sunk screws 3,5 x 16 mm.
- 7) If no lining panel is fitted, apply fixing bracket. Carcase fixing with counter sunk screws 3,5 x 16 mm. Fix end profile with counter sunk machine screws M4x10 mm and nut M4.
- 8) The light requires a nominal voltage of 230 V~50 Hz.

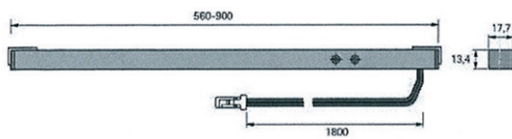


- 1) Remove acrylic cover (diffuser and Alu).
- 2) Fix base profile with round head screws 4,0 x 16 mm.
- 3) Clip acrylic cover on.
- 4) Align lining panel and, if necessary, iron on edges.
- 5) Fix lining panel with counter sunk screws 3,5 x 30 mm.
- 6) If necessary, fix side profiles with counter sunk screws 3,5 x 16 mm.
- 7) Fix vario box.

finishing component



ZB.. Pullout interior light



Technical data:



Protection class III



Suitable for installing and adding to furniture



Suitable for installation in normally inflammable materials (e.g. wood)



EU Conformity marking

Description:

LED light for furniture with integrated sensor switch. When a reflection is detected, e.g. a door, the light switches off and switches on again when the door is opened.

Safety advice:

Switch electricity off prior to work on system and light.

1. Connecting the light to a power supply/EVG to VDE 0551/EN 61347-2-2. Output voltage of 24 DCV.
2. So as to avoid danger, a damaged outer flexible cable to the light must only ever be exchanged by the manufacturer, his service engineer or a comparable expert.
3. Only system components should be used for installation.
4. No warranty claim applies when alteration undertaken without company authority.

Installation:

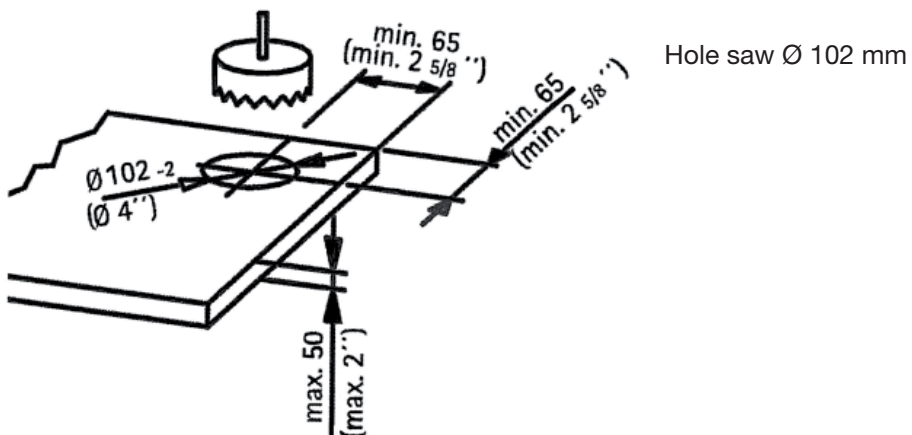
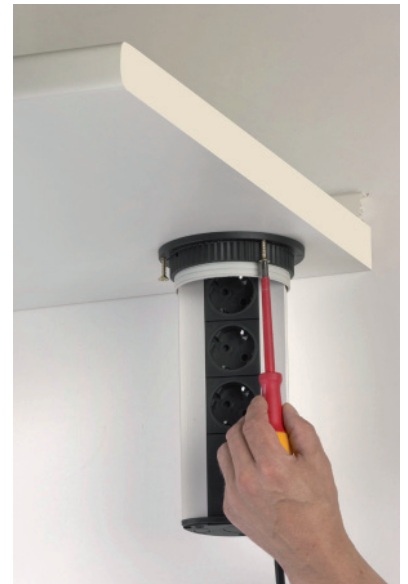
1. Screw on light bracket, position LED light and fix left and right with sleeves.
2. Run cables to wall power supply.
3. Connect the light to the power supply with connector and live electricity supply.

Note:

The IR-switch works in an area between 10-70mm, dependent on degree of surface reflection.

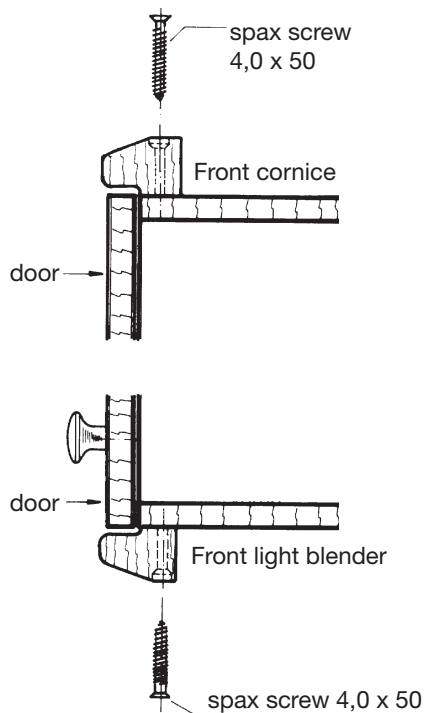
Before use, check for safe function. Use enclosed reflection foil with dark, not easily reflecting surfaces. Apply this to the surface directly in front of the IR-eye.

STE 10/3 Retractable socket element

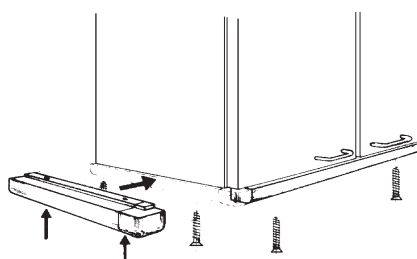
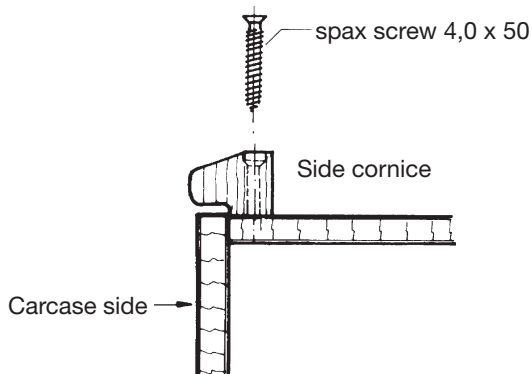


Light blenders and cornice

Secure front cornice set back 1-2 mm from carcass front edge (see drawing).
If necessary tighten beforehand with g-cramp.



Reduce side cornice in length (depth) and fix according to the lower sketch, set back from external carcass- or panel-side by 16 mm. Always glue mitre joints. Tighten connection fittings securely.

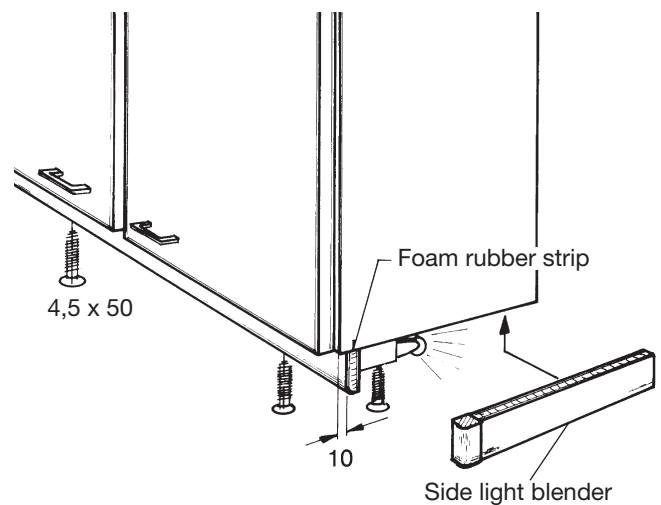


Light blenders:

Align wall units and secure with screws.

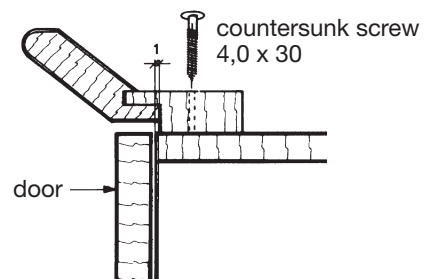
Front light blenders are fixed from underneath set back approx. 10 mm from carcass front edge. It may be necessary to clamp before fixing.

Side light blenders should be shortened if necessary, according to wall tile thickness and fixed set back 1,5 - 2 mm from carcass edge. The corner block is installed flush with carcass. Fit screw caps.

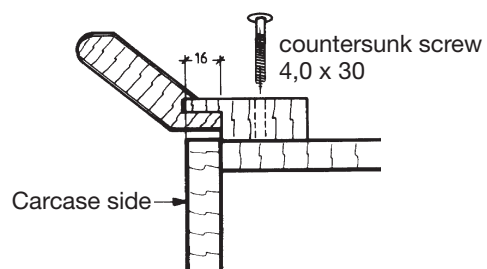


Cornice:

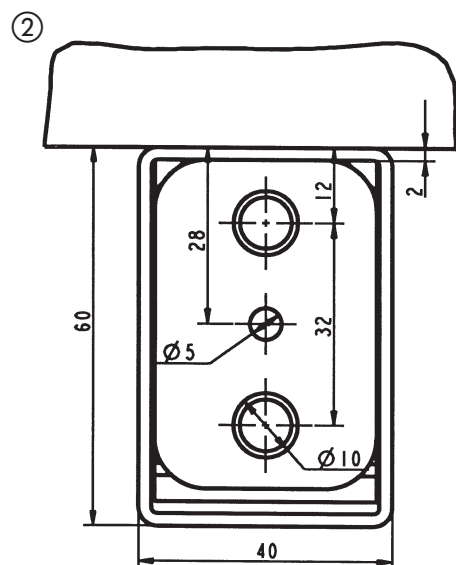
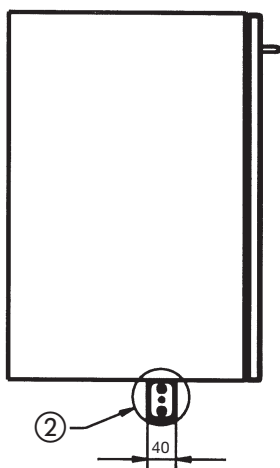
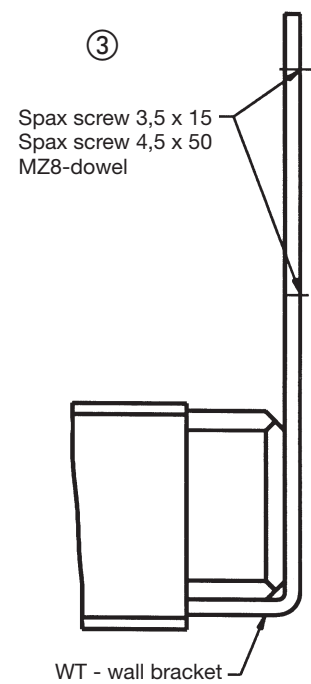
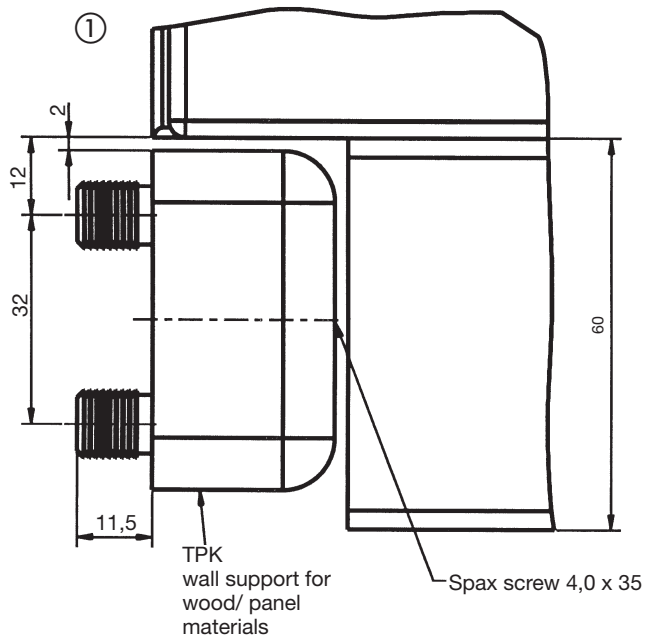
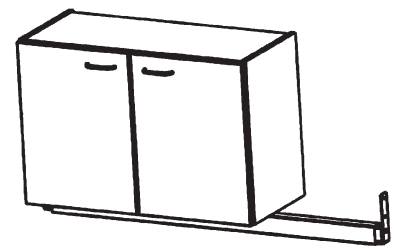
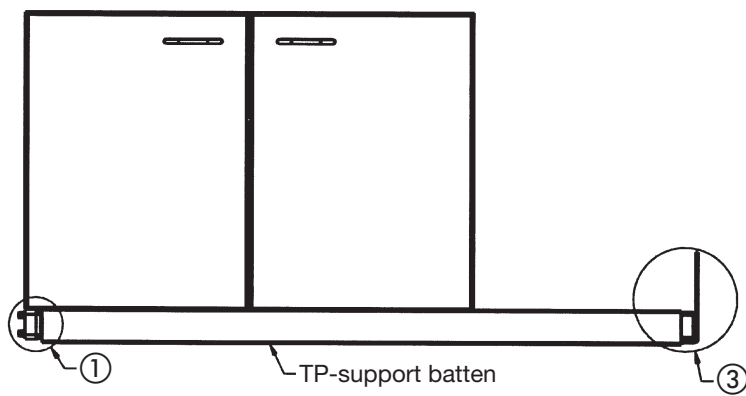
Secure front cornice set back 1-2 mm from carcass front edge (see drawing).



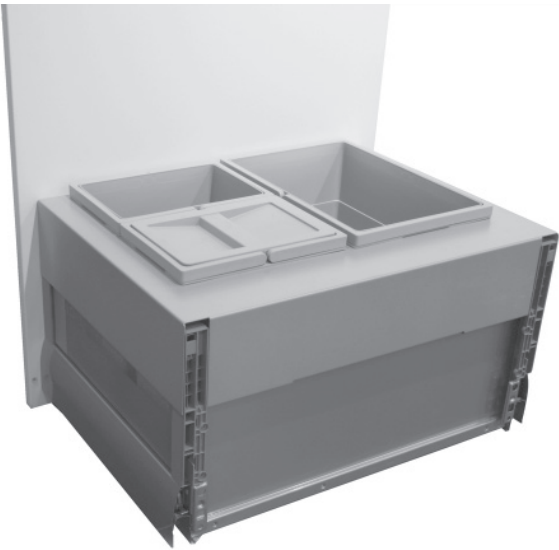
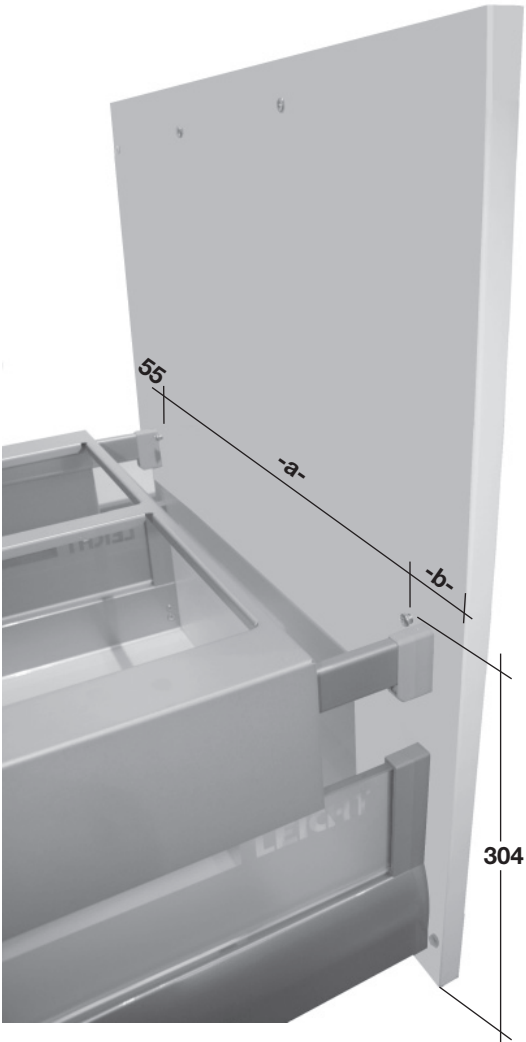
Align side cornice in length (depth) and fix according to the lower sketch, set back from external carcass- or panel-side by 16 mm. Always glue mitre joints. Tighten connection fittings securely. Secure front cornice set back 1-2 mm from carcass front edge (see drawing).



TP-support batten

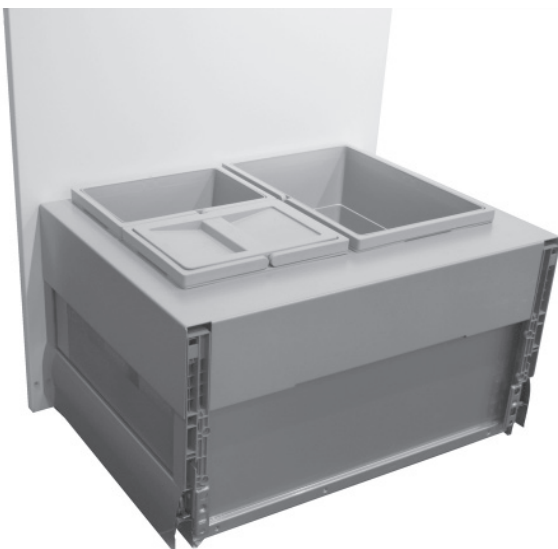
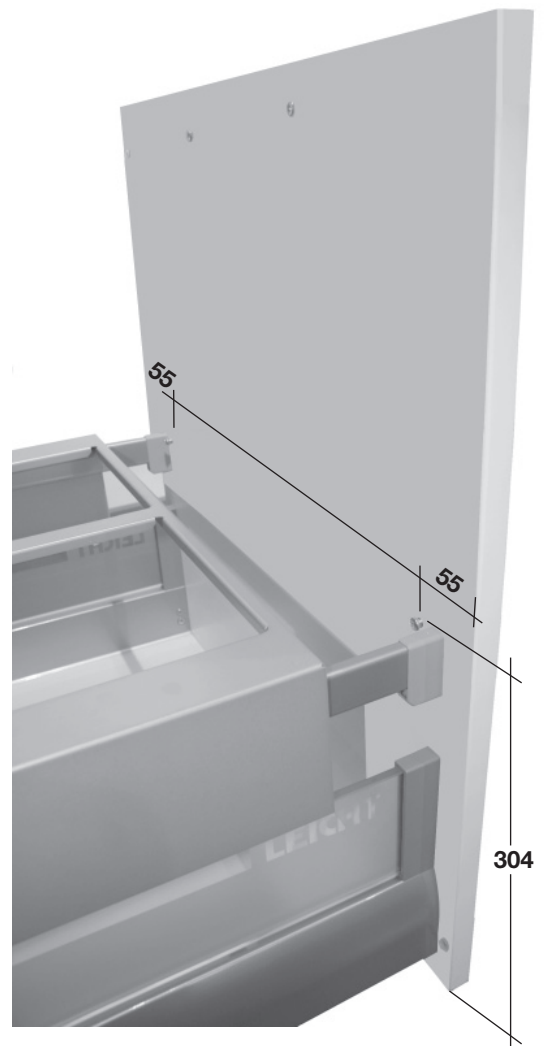
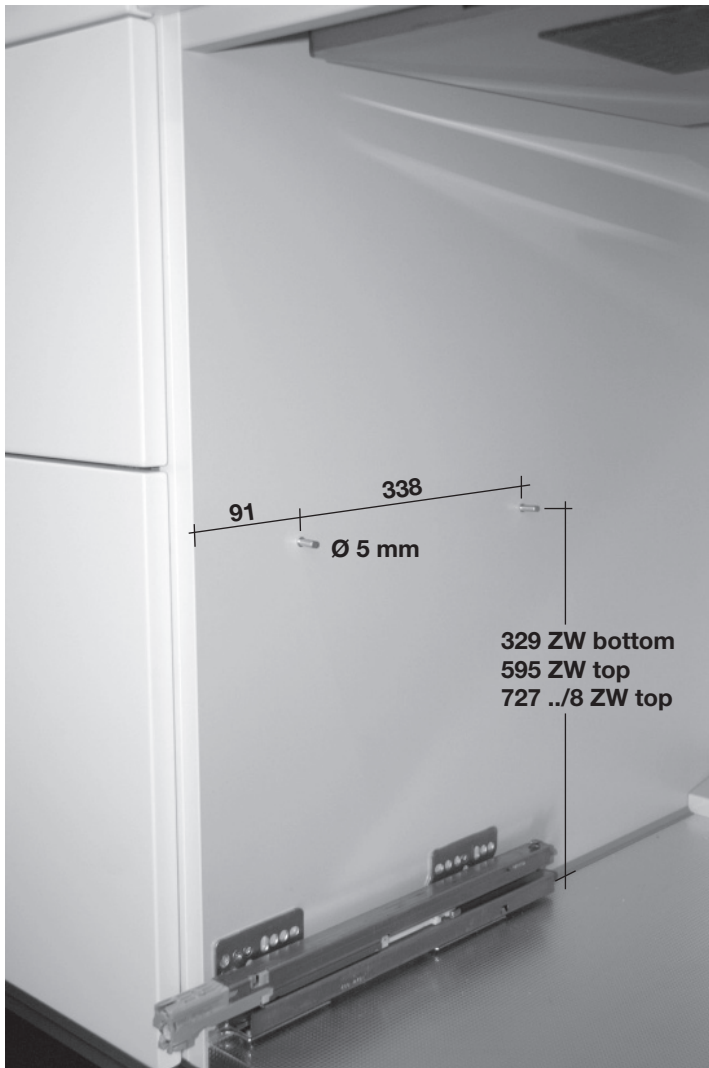


TSPG .. ZW, TSPG ../8 Z2W
 Waste bin

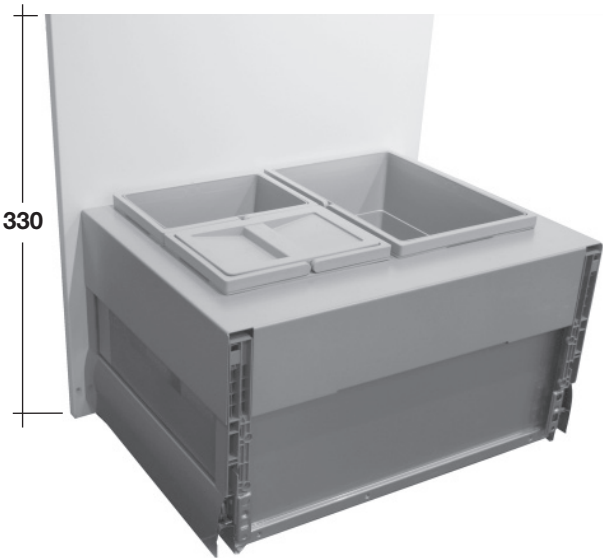
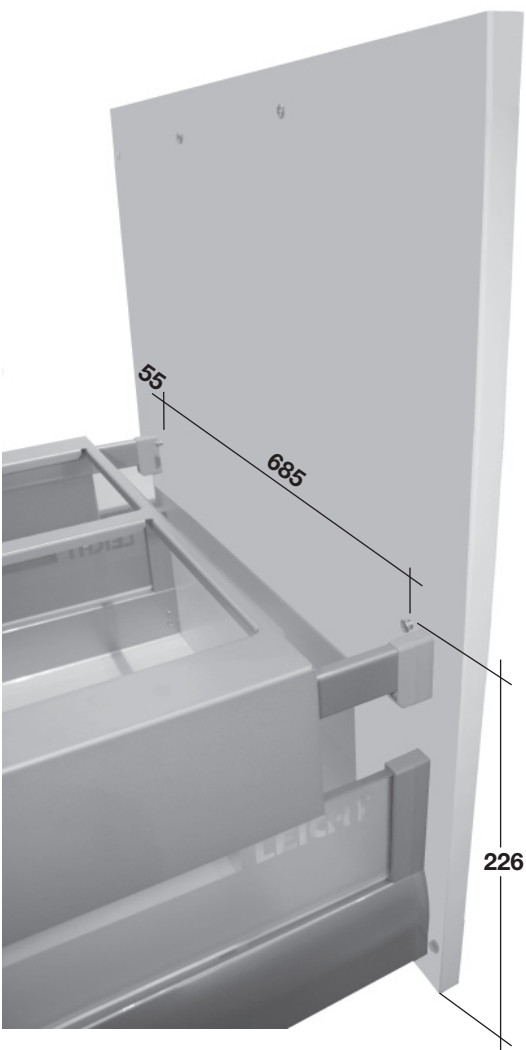


dimension -a-	dimension -b-	Cupboard width
485	- -	≥ 600
- -	55	< 600

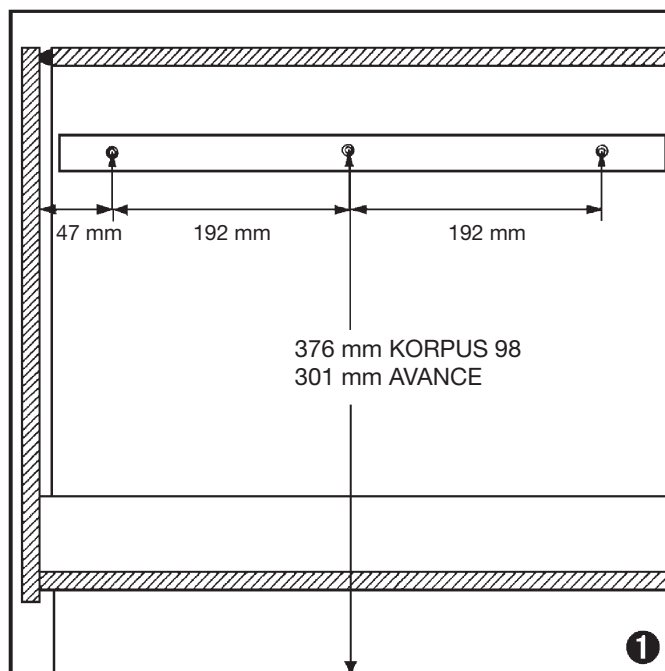
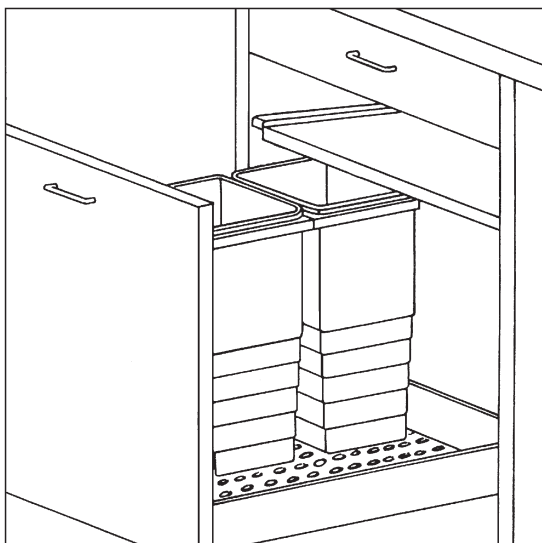
T ... ZW, T ../8 Z.W **Waste bin**



TSPG 80 - 120/8 Z2WA AVANCE
Waste bin



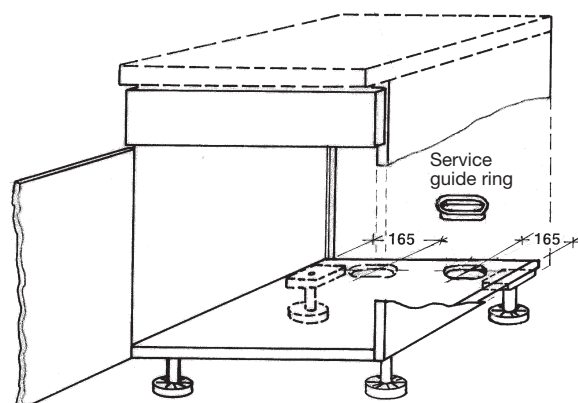
TSPG .. ZAN, TSPG ../8 Z2A Waste bin



Service guide ring for TSP ..

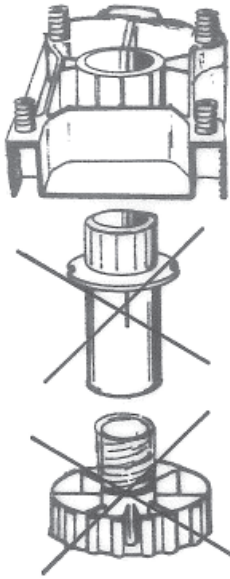
Connections for service and waste water for dishwashers are usually positioned in the carcass area of the sink unit. Supplies to the appliance can be positioned in the rear of the floor area.

If the available floor area is not sufficient, e.g. with free standing sink units with rear panel, then a cut-out is made in the carcass floor; shape and size to suit the enclosed service guide ring. Please seal this with silicone as aperture edge protection.

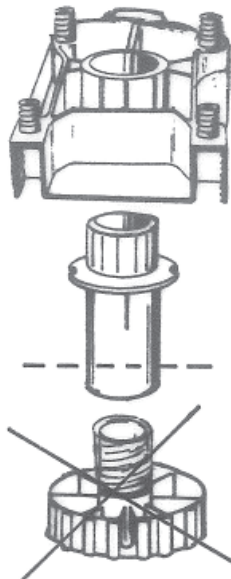


Plinth base

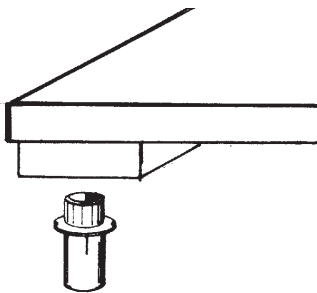
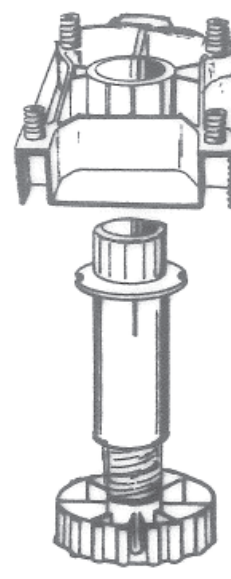
Height 42 mm



Height < 69 mm



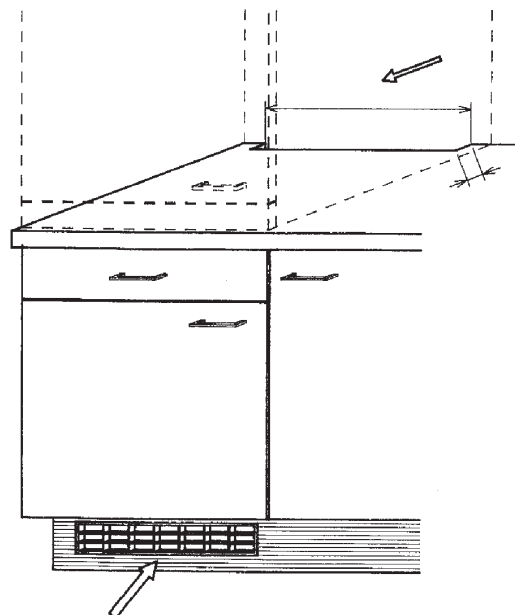
Height 70 - 160 mm



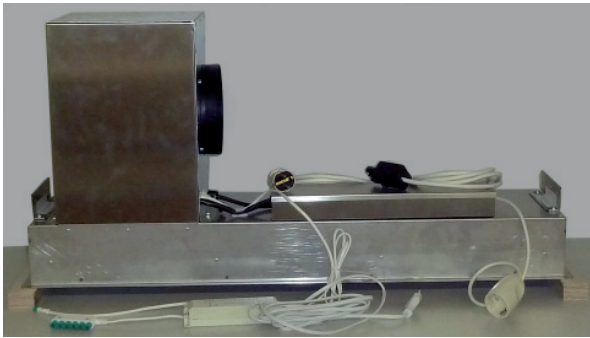
Midway housing unit

For air circulation at least 200 cm²

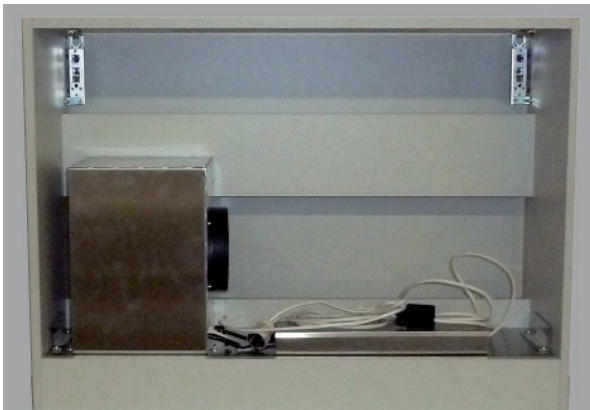
It is essential to ensure adequate ventilation for the correct functioning of refrigerators / freezers. In the case of refrigerators, this is partly achieved through the shortened back wall. This constructive design must be supplemented by an additional ventilation grille in the plinth. A further cutout with grille 500 x 40 mm at the rear worktop edge is necessary.



Plasmanorm ventilator in OHS 90/..

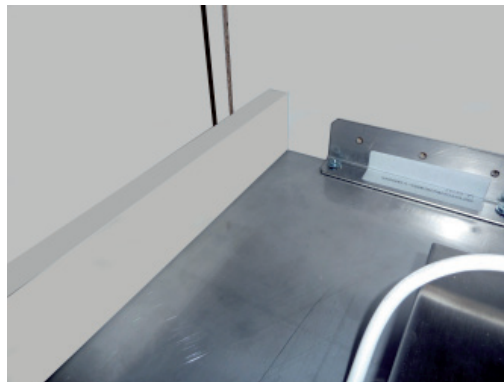
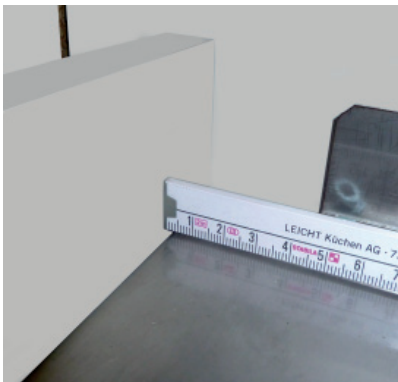


Place ventilator, supported by bars in the edge area, on a level surface.
Blower is positioned on the left.



Put carcase over ventilator.

Position carcase in such a way, that the ventilator butts onto the rear crossbar.



Mark the screw position on the sides for fixing the bracket.





Remove carcass.

Remove fixing bracket from the ventilator and bolt to sides.

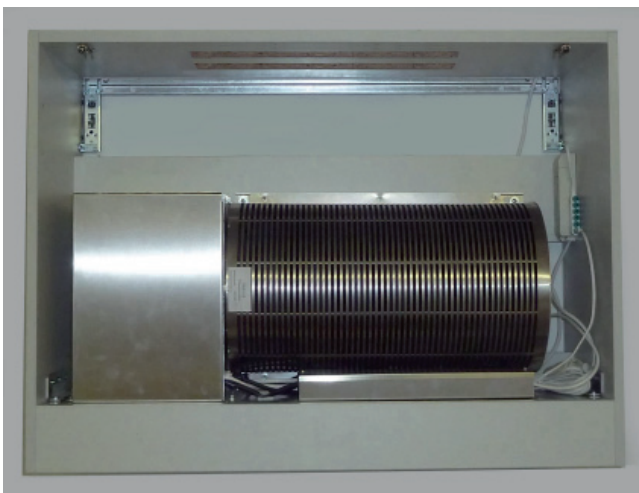


Place the carcass again over ventilator and connect fixing bracket with ventilator.



Fit the carcass with built-in plasma ventilator to the wall in the desired position.

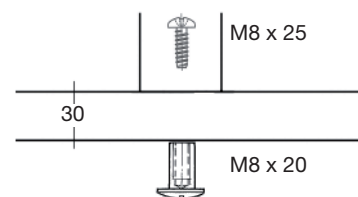
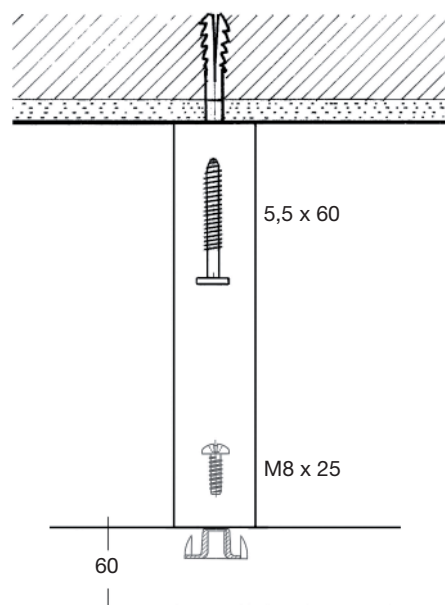
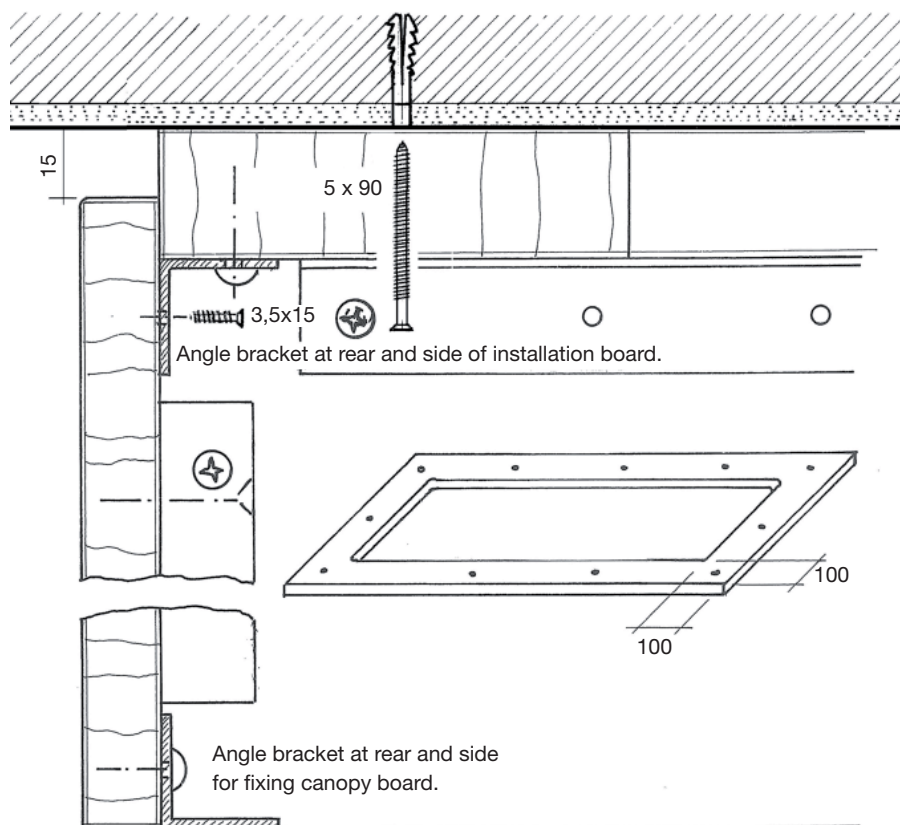
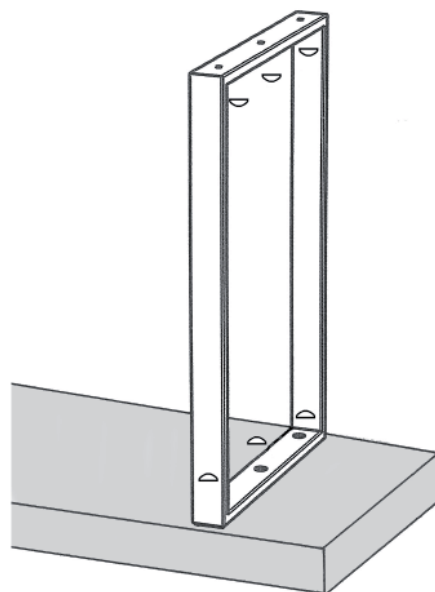
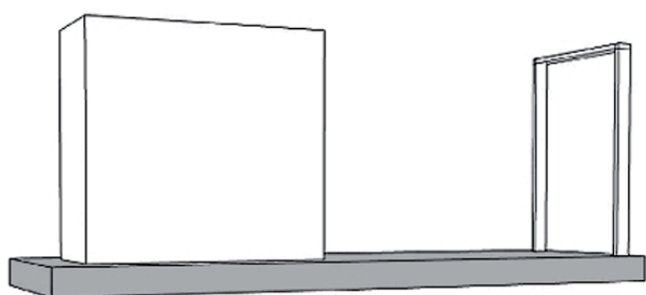
Screw electronic converter for illumination to the side.



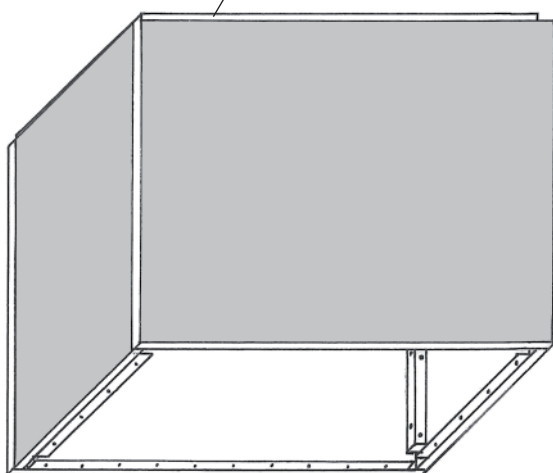
Connect plugs, insert filter and screw tight with rear crossbars.

Insert ventilation grille.

Extractor canopy DSN and canopy board DB. 2 75 2



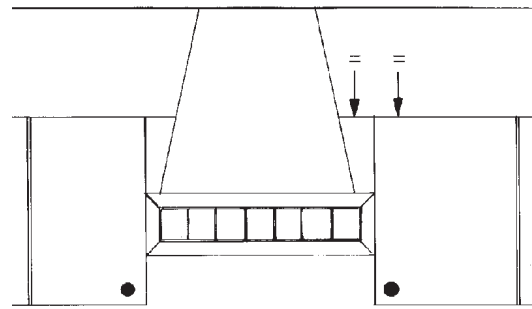
Ceiling connection with installation board.



Extractor canopies and corner canopies with tile cornice or beams

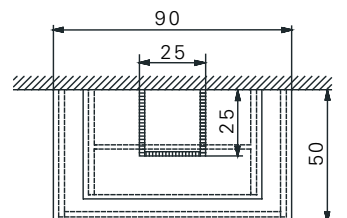
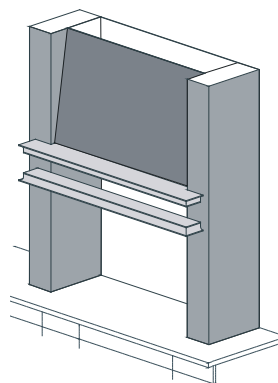
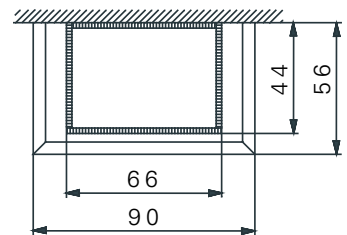
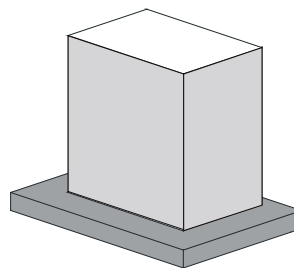
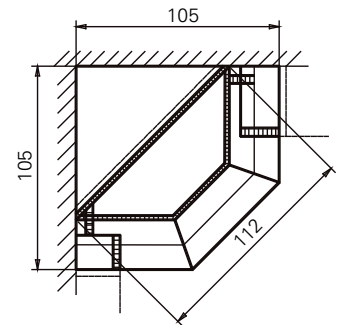
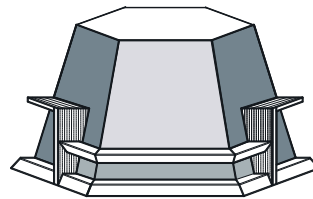
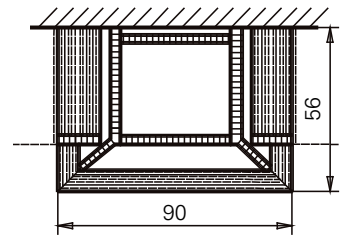
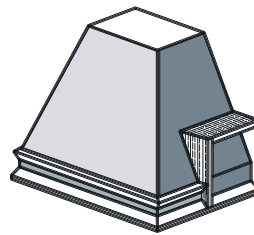
The extractor canopy can be reduced in height according to the room height!

Connecting ledge – upper edge = wall unit – upper edge.



Fitting sequence

- Remove front. On canopies with tile cornice, the upper tile cornice has to be removed.
- Align canopy in height. If necessary, cut out tiles.
- Drill back wall in height of wall strip for screws to be fitted. Make cutouts for ducting and electric cables.
- Fix extractor canopy to wall.
- Connect ducting and electricity.
- Align front to room ceiling and screw on.
- With tile cornice: fix back upper cornice according to height of tiles.



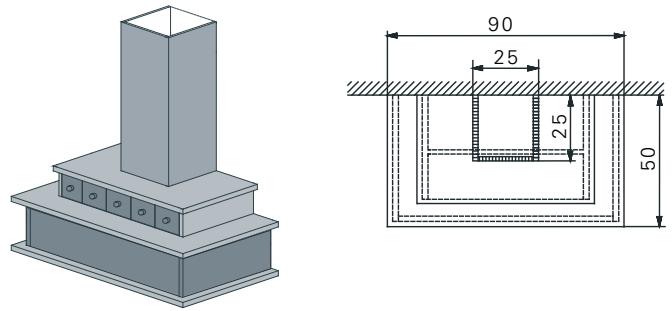
Free hanging Canopies

Fix to ceiling with enclosed metal brackets.

Extractor

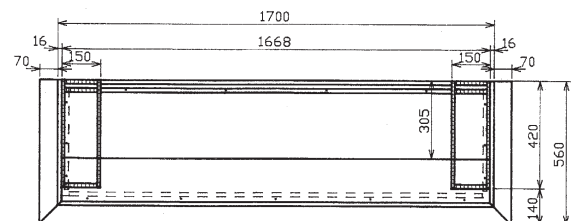
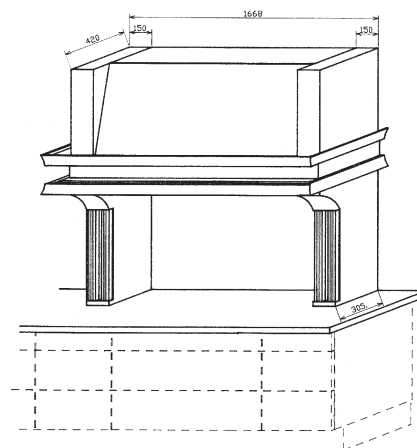
Extractor canopy DSMU3 90 with chimney cladding and 5 utensil drawers.

- Fix canopy carcass to the wall with enclosed metal brackets.
- Fit appliances.
- Fit ducting and connect electricity.
- Adapt chimney cladding in height and fix with 2 Spax-screws 3,5 x 50 mm through the side of the canopy carcass.
- Fix connecting cornice for wall unit-connection from inside cupboard (if appropriate).



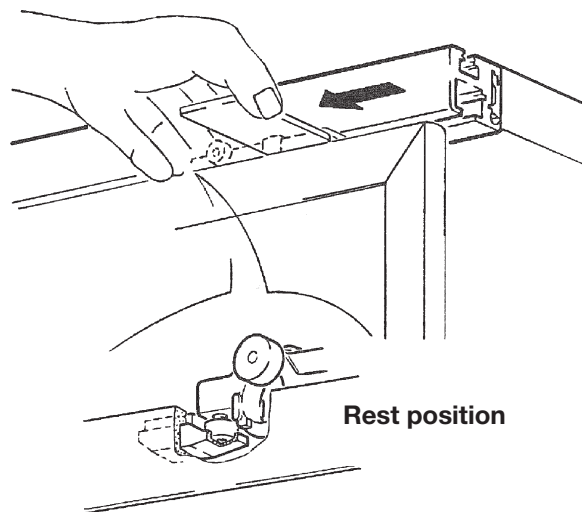
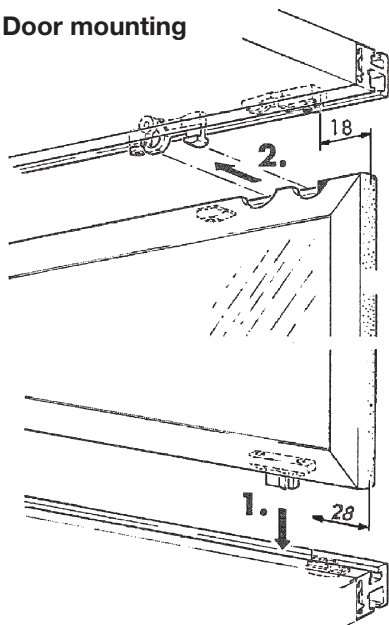
Extractor DSE KP.180 with wall structure on top of worktop and extractor enclosure.

- Fix wall structure-, mounting-battens onto worktop and wall.
- Slide lower wall structure on and screw in position.
- Locate appliance in extractor carcass and screw in position as appropriate.
- Align upper wall structure and fix after having first removed the tiled cornice.
- Connect extraction unit and complete electrical connections.
- Fix front-panel fixing strips onto the extractor carcass and to upper wall structure together with ceiling fixing batten in a central position. Align front panel and screw in position.
- The profiled wooden strips are loosely dowelled to the lower wall structure and can be removed for locating the top on the wall structure. Please glue dowels in.

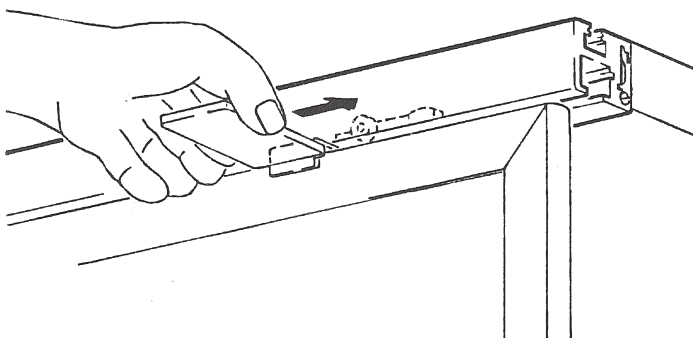


ORS 90/.. und NRS 90 Sliding glass door cupboards

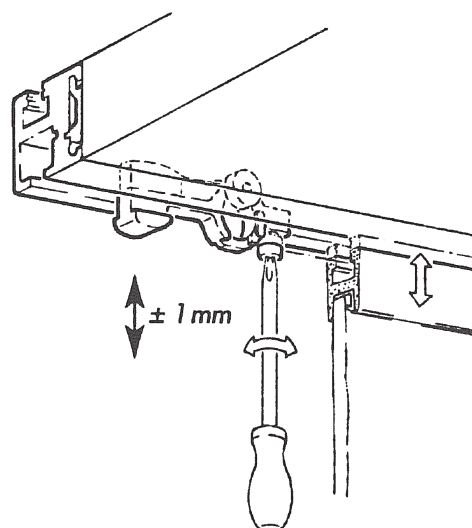
Door mounting



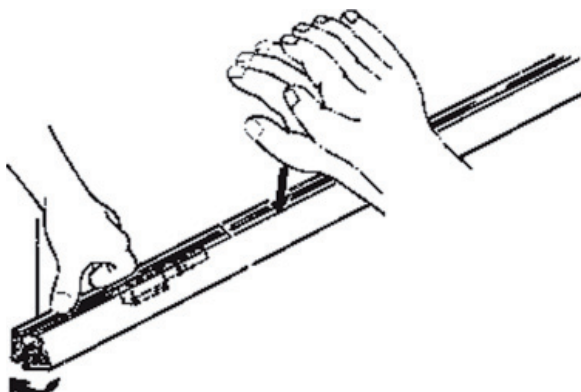
Door dismounting



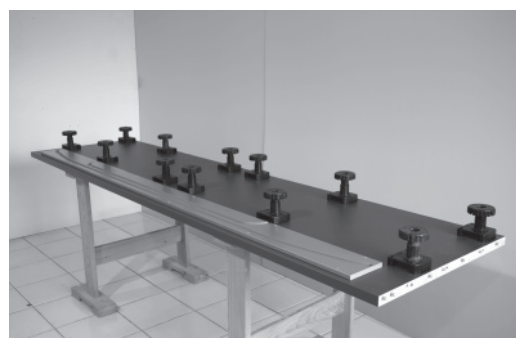
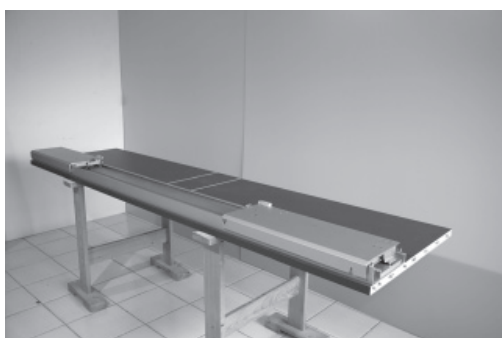
Height adjustment



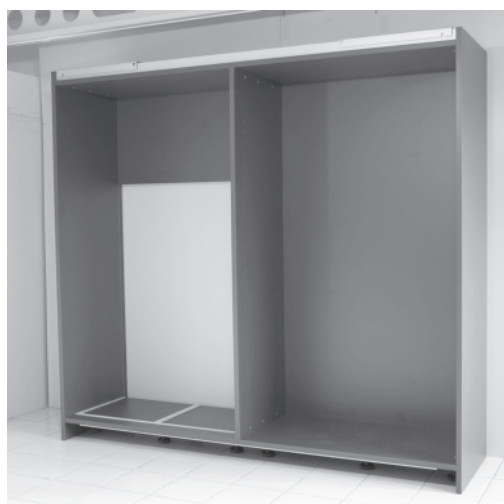
Dismantling runner



Tall unit sliding door system



Tall unit sliding door system



Sliding-door-system



- 1. Ceiling rails:** position and cut to size. The rails are supplied 10 cm overlength for on-site fitting. Drill fixing holes, align rail to ceiling and fix in position.



- 2. Floor rails:** align and cut to length. (The rails are supplied 10 cm overlength for on-site fitting). Slide two sprung stoppers for each sliding door into the corresponding guides before installation of the floor rail.
Centre of ceiling rail = centre of floor rail
It is essential to ensure that the floor is dust- and grease-free.
Locate rail on the floor but do not fix yet to enable later plumb line adjustment.



- 3. Sliding doors:** remove packaging. The doors are supplied to site ready for installation. Always store on the long sides and never in the vertical position on the roller guides!

Sliding-door-system



4. Positioning and **erecting sliding door elements**. It is essential that the roller mechanism be located into the cross profile when erecting.



5. First slide ceiling door element into the ceiling rail and then position into the floor rail.



6. Slide door to the right and to the left extreme and **plumb in position**. Mark position of the floor rail.



7. Remove sliding door from **floor rail** and **fix it to previously marked position**. The fixing is carried out almost exclusively by sticking. A double sided adhesive tape is already fixed on the back. Set the sliding door back into the floor rail.

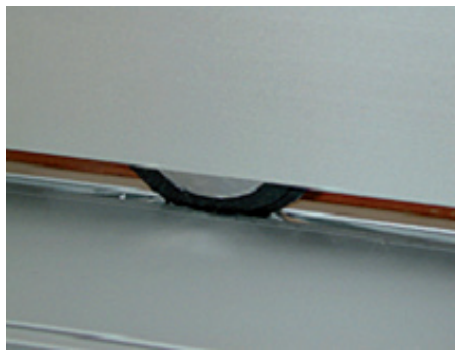
Sliding-door-system



8. Adjust sliding doors **in height, aligning** them at the same time with the vertical side members. The lower screw is for height adjustment, the upper screw serves the vertical frame fixing.



9. Fit sealing brushes.



10. Now adjust sprung stoppers (impact of the sliding doors). The door is located to the end position and the sprung stopper is slid under the relevant rollers.



11. Finally fit covers over the adjustment screws.

Niche sliding door system

The sliding door system must only be fixed to a totally flat and stable surface that does not sag as for instance a worktop. Non flat surfaces or sagging sub-structures will lead to dysfunction of the sliding door system.

It is essential that a stable fixing, i.e. to a top or to wall units is provided for the upper running guide.

For side finishes, LEICHT end panels WA 34, fixed side panels or cupboards are also essential.

The sliding doors can, however, also run directly to a wall.

The opening dimensions must be carefully checked on site and must be matching the measurements ordered.

Essential: When installing the wall units, check carefully that the distance between lower edge of the wall unit and worktop match the height ordered (see note on glass door)!

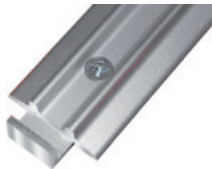
1) Installing the upper combi-profile with Cheese head Spax screw 3,5 x 16.

When no end panel WA 34 is used, the side fixing brackets must be removed.



2) Installing the lower guide rail must be plumb with upper combi-profile.

When no end panel WA 34 is used, the side fixing bracket must be removed.



3) Glass doors:

1. First hang into left rear and second right front and align guide rail. Mark position of the guide profile and remove glass doors.

Attention: the glass doors must be fitted plumb.

a) With a free cupboard run end, side panel brackets are required. For wood APL with counter sunk Spax screw 3,5 x 25 mm or for granite-APL with counter-shoulder bolt M4 x 4 mm brackets are necessary.

b) For connection to tall- or midway units or to a wall, fix as follows: for granite-APL use metal plate with M4 x 4 bolts, for wood-APL use counter sunk Spax screws 3,5 x 25 mm.

Apply double-sided adhesive tape to underside and stick the profile accordingly exactly to markings onto APL. Dribble into each drill hole a drop of granite-silicone and fix as described above.

Attention: for granite APL with connection to cupboard or side panel, please screw down the M4 x 4 mm with metal sheet beforehand and apply an additional granite-silicone line onto the whole profile.



Re-fit glass doors and fix stopper blocks and handles.



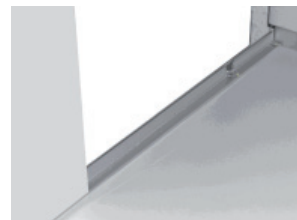
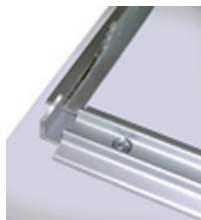
4) Fitting of side panels

(only with free end of run). Screw the metal profile onto AP (so that the side panel is plumb and, as the case may be, with wall unit). Lay bracket (without thread) into the groove in the rear upper area of the side panel and push in with the side panel.

Screw the bracket in the rear area of the side panel to the wall units with half-round Spax screw 4,0 x 16 mm.

Seal the grooves below with granite silicone.

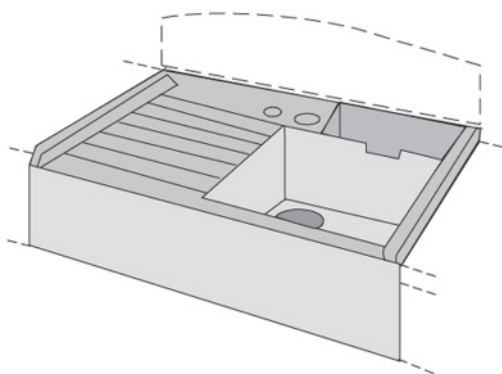
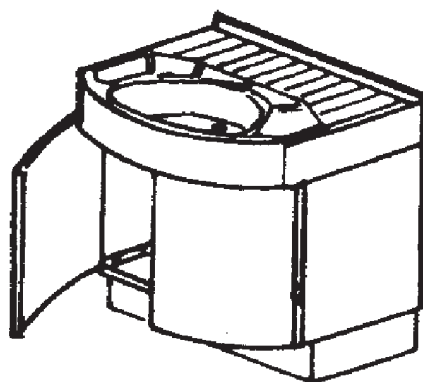
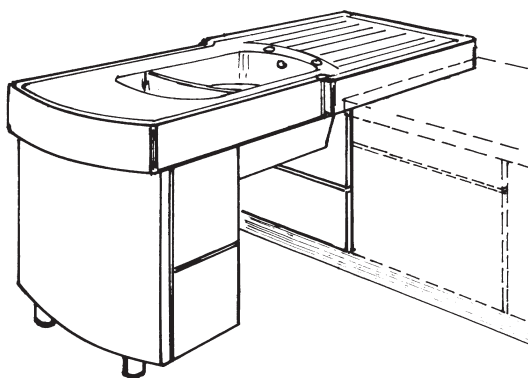
In order to protect the door edge, the two enclosed self-adhesive door buffers have to be applied to side panel, cupboard or wall in the upper area of the combi-profile.



Moulded artificial stone sink

Repair instruction ECORITE®

- 1) Carefully clean the damaged area with acetone or alcohol.
- 2) Mix approx. 100 parts cementing agent with 1 to 2 parts hardening agent.
Included are: paper cup, wooden stirring sticks and drip counter with 1 g dosage.
- 3) Fill the damaged area with sufficient cementing agent.
- 4) After 3 to 4 hours carefully sand the area with sandpaper (220 grain).
- 5) Finally finish with 'care balm' POLITO.



Care instructions for furniture fronts with high gloss acrylic coating, with ULTRA-GLOSS Superpolish+DGS.

Surface sealing with ULTRA-GLOSS Superpolish+DGS

- 1) The surface to be polished must be cleaned with a water-soap solution (washing-up water, soap content 1%) and thoroughly dried.
- 2) It is essential to shake the ULTRA-GLOSS Superpolish+DGS properly before use!
- 3) After cleaning the surface to be polished, apply the product with a clean cloth or the enclosed polishing mouse evenly and without pressure over the surface. Attention! A little goes a long way, use very sparingly!
- 4) When completely dried (approx. 20 minutes), polish the whitish dry polishing remains with another clean cloth or the enclosed micro fibre cloth in a circular motion and without applying pressure. Following this process a high gloss and durably sealed polished surface becomes visible.



ULTRA-GLOSS Super polish provides:

- durable gloss-seal without wax.
- returns colour and gloss, matt surfaces appear just like new.
- gives many months protection against influences such as sunlight, cleaning agents, grime etc.
It is particularly suitable for stressed surfaces.
- polished surfaces gain increased scratch resistance.
- is not abrasive and therefore environment friendly and protects the lacquer.

Safety note! - Always keep the product away from children!
- Make sure the room is well ventilated when applying polish!

Recommended accessories:

- 1) ULTRA-GLOSS polishing mouse
for polishing with ULTRA-GLOSS Superpolish+DGS.
It is essential to rinse with warm water after use to remove particle remains which could scratch the surface when used again!
- 2) ULTRA-GLOSS micro fibre cloth
for polishing after drying process is completed. This produces optimal gloss.
Wash in washing machine after use. Do not use fabric softener!
Customary micro fibre cloths can affect the surface.

Acrylic surfaces

These acrylic surfaces can be cleaned without any problem with lightly soapy water. Do not use abrasive, alcoholic cleaning or glass cleaning materials!
In order to improve the resistance to wiping- and scratch-traces, the surface should be treated with the ULTRA GLOSS Superpolish+DGS (250 ml, ident No. 24945).
Clean only with enclosed micro fibre cloth.
Customary micro fibre cloths can damage the surface.

Repairs to damaged paintwork / Cleaning kitchen furniture

Repairs to damage on lacquered kitchen surfaces.

Repair materials:

NC-, SH-, DD or PUR varnish and filler.

LEICHT repair kit:

PUR-coloured lacquer, touch-up paint, repair wax, etc.

Tools needed:

Chisel, sanding block, sandpaper (fine grain), masking tape, small pointed paint brush or spray gun (nozzle 1.2–1.8 pressure approx. 2.5 atm).

1) **Small, shallow damage**

(shiny spots, imprints, minor scratches)

Use only colour lacquer, stipple with small pointed paint brush on damaged spot.

2) **Minor, deep damage**

(holes, deep scratches)

Fill damaged area and, after allowing to dry out, sand down (fine sandpaper) then use small pointed paint brush and stipple over damage.

3) **Major, shallow damage**

(shiny parts, shallow scratches)

Sand over whole damaged area (use fine sandpaper with sanding block), mask laminate and other parts which are not to be lacquered with masking tape and additional protection if necessary; spray lacquer, leave to dry approx. 5 minutes, then spray over again with fine varnish coat.

Please note: spray slightly beyond the damaged area so that there is no sharp border line.

Room temperature should not be below 20 degrees Celsius.

4) **Major, deep damage**

(deep scratches, cracks, etc.):

Fill damaged area, allow filler to set completely, sand filled area flat, sand down the whole damaged area thoroughly, then proceed as under 3) above.

Repairs to damage on high-gloss lacquered surfaces or high gloss acrylic fronts.

1) **Minor scratches** can be treated like car paintwork repairs, i.e. sanded, buffed and polished out. This must be done with the finest available grade of sandpaper (800 grain or finer), buffing and polishing paste, obtainable from specialist outlets.

LEICHT recommends its own complete sanding and polishing kit for the manual repair of fine surface scratches, order No. E 18691.

Minor damage at corners or other not directly exposed areas can be touched up with a paintbrush and touch-up paint, available in bottles from LEICHT.

2) **Deep scratches or damage** can be removed in the factory only, that means the complete kitchen component has to be exchanged.

Cleaning kitchen furniture

After installation ensure that all **drill- and wood shavings are carefully removed**, taking care that **ball bearing guides and other tracks are free from dirt**.

Fit doors, drawers and pullouts and adjust.

Please follow the separate operating and care instructions supplied.



LEICHT Kitchen AG has submitted its products to this additional test at the LGA – Landesgewerbeanstalt (Department for Trade and Industry) Bavaria.

The result showed that all tested data at LEICHT meet with the expectations and are well below the specified limits by the Deutsche Gütegemeinschaft e.v. (German Quality Association – registered Association) “Gesundes Wohnen” (Healthy Living). Furniture and furnishing components with the **RAL quality sign** and this quality certificate are top products of the German furniture industry.



The furniture test institute LGA-Nürnberg has tested all programmes from the LEICHT-Collection for safety. The **GS-Test Seal** for all LEICHT programmes ensures the highest measure of ease of use, toughness, material consistency and safety.

LEICHT Küchen AG

Postfach 60
D-73548 Waldstetten

Telefon [+49] (0) 7171 4 02 -0
Telefax [+49] (0) 7171 4 02 -300

<http://www.leicht.de>