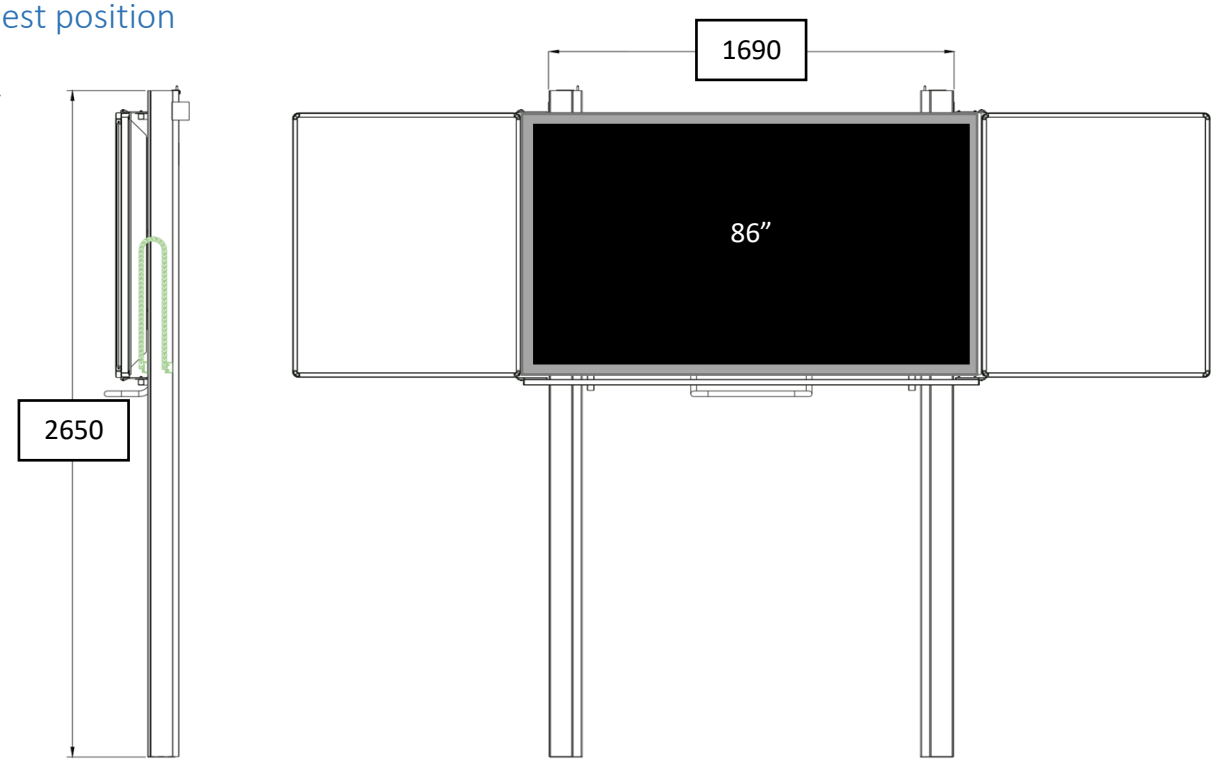
DISPLAY ON COLUMNS
+ ADD-ONS

1. DIMENSIONS :

Highest position

fig. 1



Lowest position

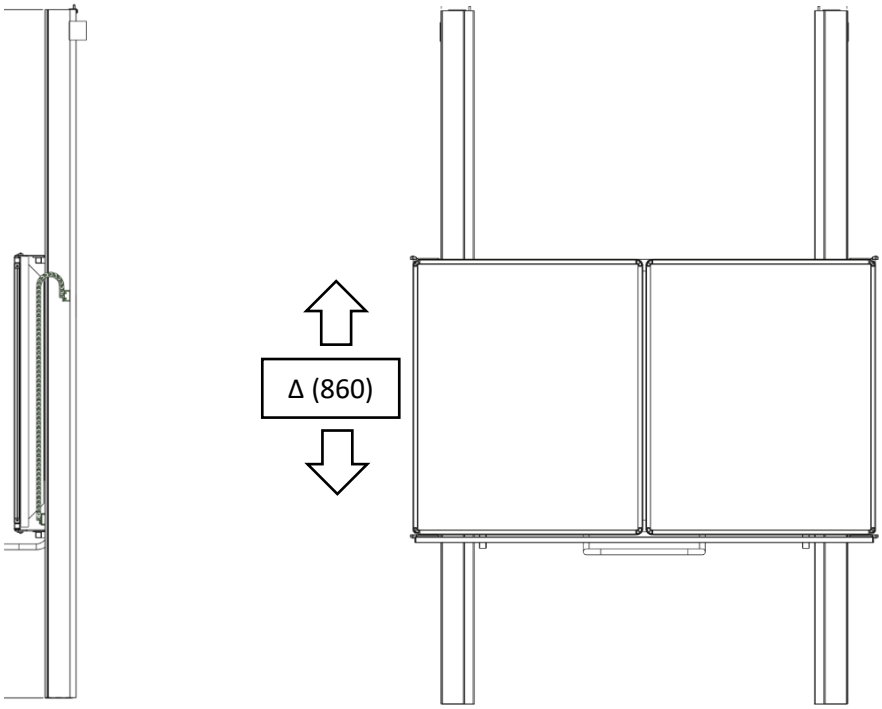
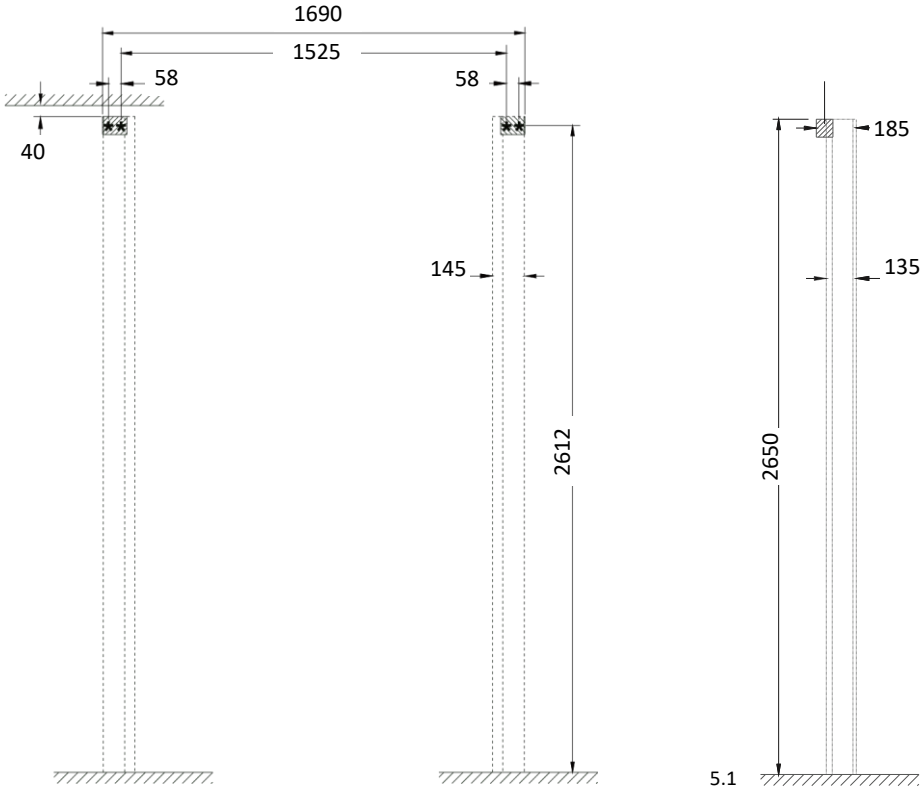


fig. 2

Drilling diagramme

fig. 3 *(concrete or masonry)*



→ if installing on light construction walls: add bracket 5.2.

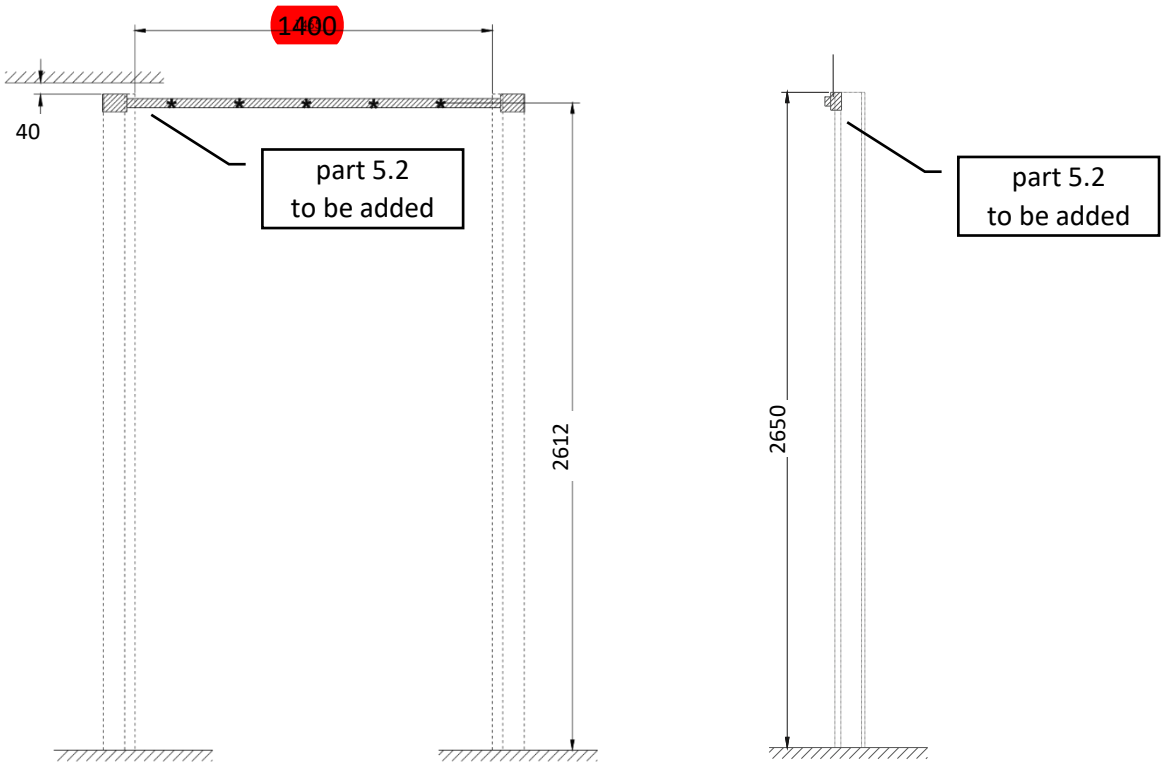


fig. 4

Picture 3 and 4 shows the drilling diagram,
Drill and screw only on marked points.
The minimum clearance to ceiling is 40 mm.

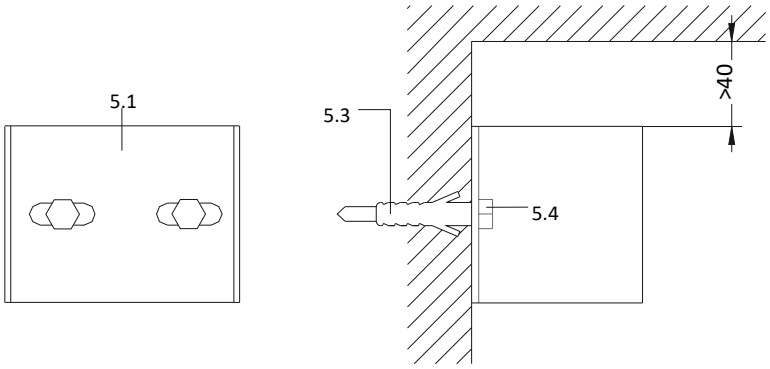
Note: part 5.2 is NOT included = to be ordered separately !!!

2. INSTALLATIONS

Columns and sliding system

fig. 5

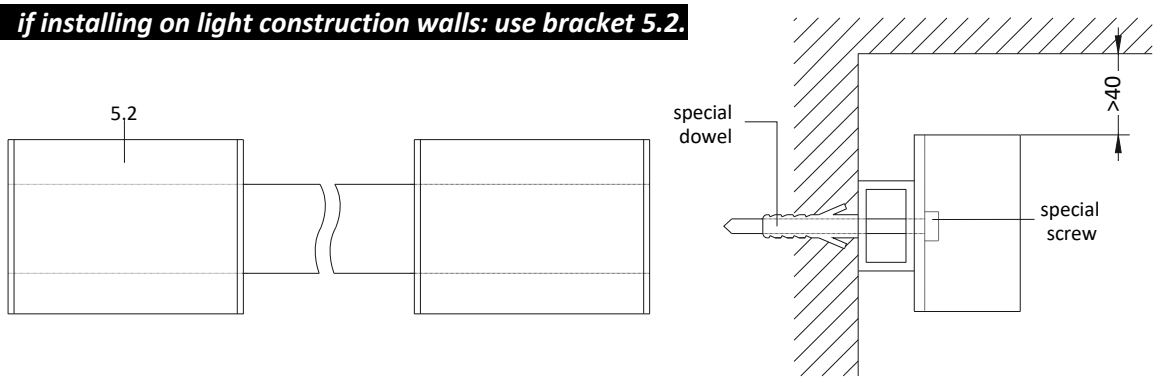
(concrete or masonry)



minimum clearance to ceiling is 40 mm

- Mark drill holes, drill and install dowels 10*50 (5.3) in correct position (fig. 3).
- Fix the mounting brackets (5.1) with hex screws 8*80 (5.4).

if installing on light construction walls: use bracket 5.2.



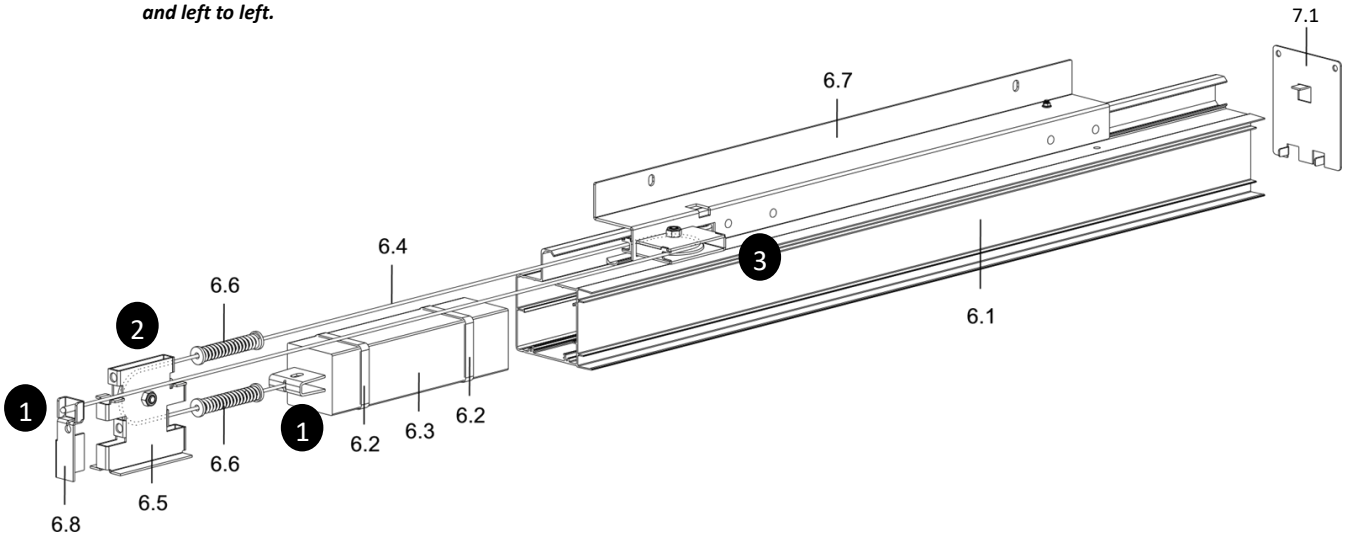
minimum clearance to ceiling is 40 mm

- Place mounting bar (5.2) in correct position (fig. 4), mark drill holes, drill and install special dowels (for light construction walls).
- Fix the mounting bar (5.2) with special screws (for light construction walls).
- Cover up the special screws.

fig. 6

note !!!

make sure that the right board carrier and right floor plate accords to the right column and left to left.

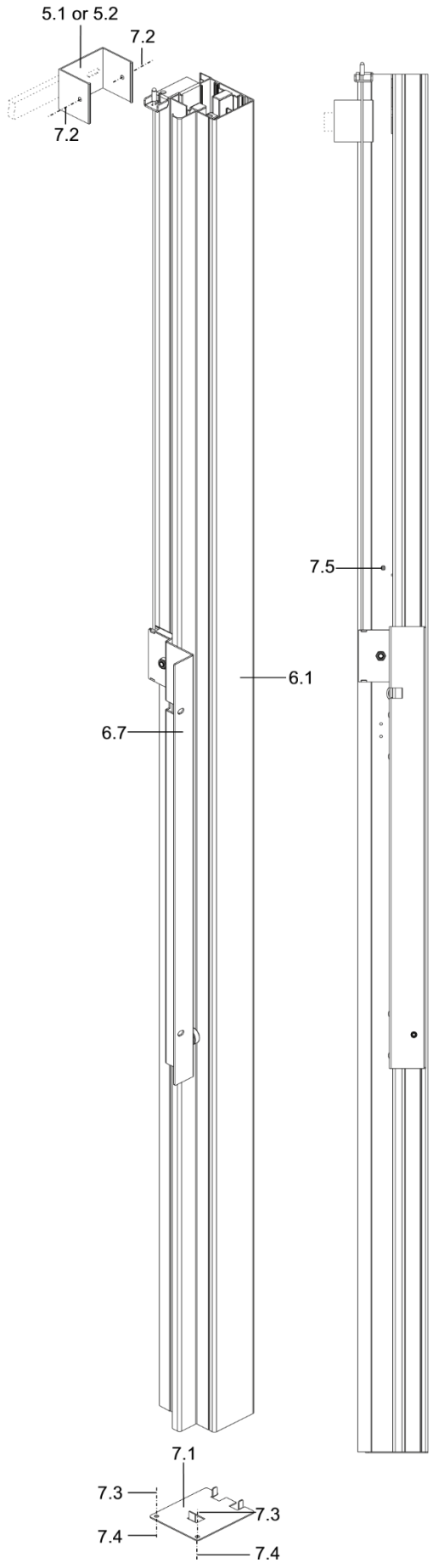


- Lay the column (6.1) on the floor as shown (fig6).
- Stick the self-adhesive strips of felt (6.2) around the counterweight (6.3).
- Attach the cable end (6.4) to the counterweight (6.3). 1
- Push the counterweight (6.3) by means of a rod or a bar +- 400mm into the column (6.1).
- Slip the cable (6.4) through the pulley (6.5) 2
  and place the second stop spring (6.6) around the cable (6.4).
- Slide the rolls of the board carrier (6.7) partially into the guide of the column (6.1).
- Slip the cable (6.4) around the pulley of the board carrier (6.7) 3
  and slide it further into the column (6.1).
- Adjust the pulley (6.5) into the column top (6.1).
- Attach the other end of the cable (6.4) to the cable holder (6.8). 4
- Adjust the cable holder (6.8) into the column top (6.1).
- Insert the floorplate (7.1) into the bottom of the column (6.1).
- After the assembly , erect the column (6.1) carefully.

Attention !!!

The counterweight slides downwards and the board carrier moves upwards.

fig. 7



- Push the column assembly (fig.6) to the mounting bracket (5.1) or mounting bar (5.2)

- Adjust the columns to a vertical position and parallel to each other, drill (4,5) and fix with hex tapping screw 5,5*25 (7.2).

- Fasten the floor plate (7.1) to the floor by means of screws 6*50 (7.3) and dowels S8 (7.4), after drilling the holes.

- Drill a hole ø6,5 (7.5) at 450mm+ length of counterweight from top of the column.

- Pull the board carrier (6.7) downwards

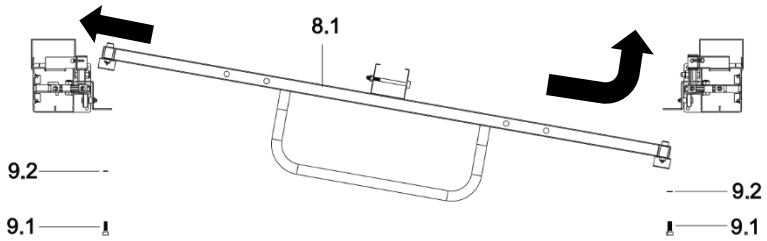
- Secure the counterweight (6.3) against sliding downwards by pushing a screw M6*40 or equivalent (7.5) into the hole of the column

Attention !!!

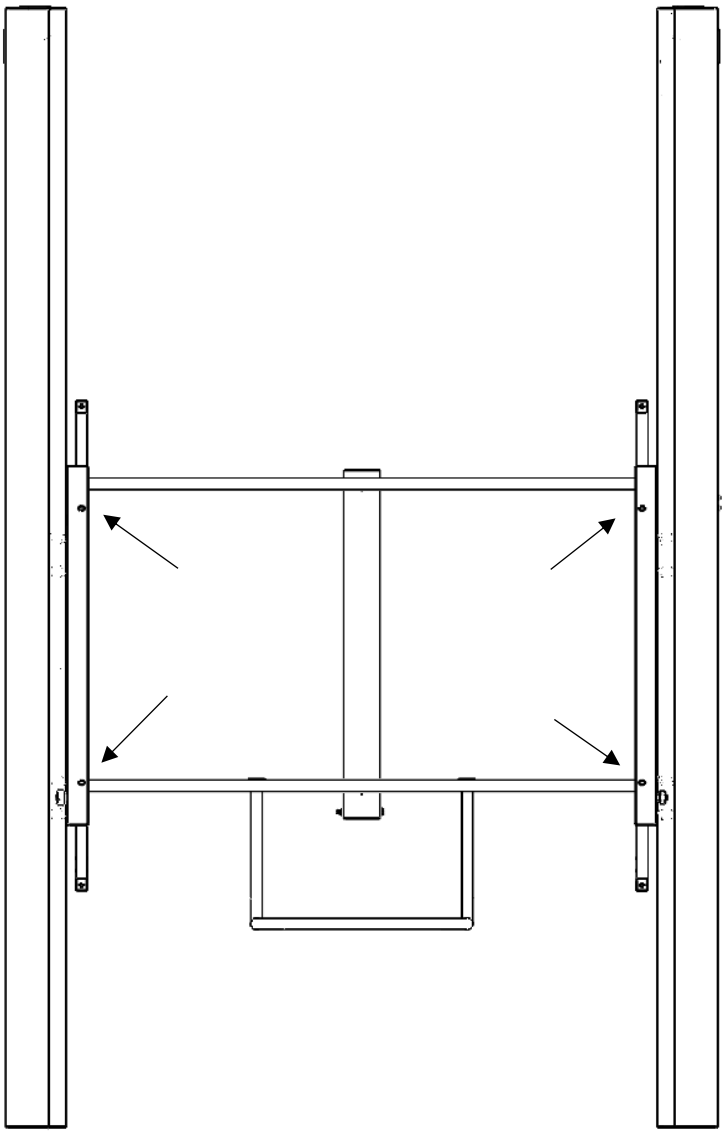
It is very important
to take care of a perfect vertical and parallel position of the columns.

Display + Add-on

fig. 9

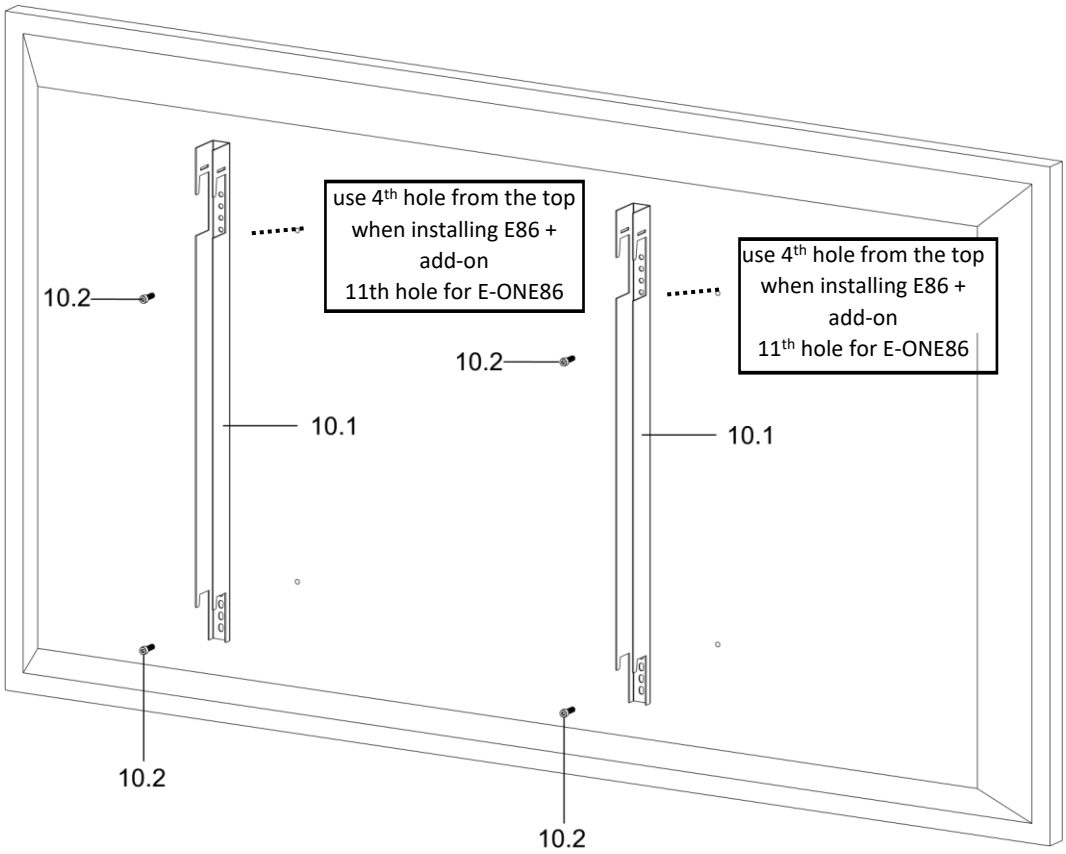


Place the support structure (8.1) between the columns (6.1): insert at a slight angle behind the left column, and then put it in its position behind both carriers.



and fix it at the back of the board carries
with Allen screws M8*25 (9.1) and toothed washers M8 (9.2).

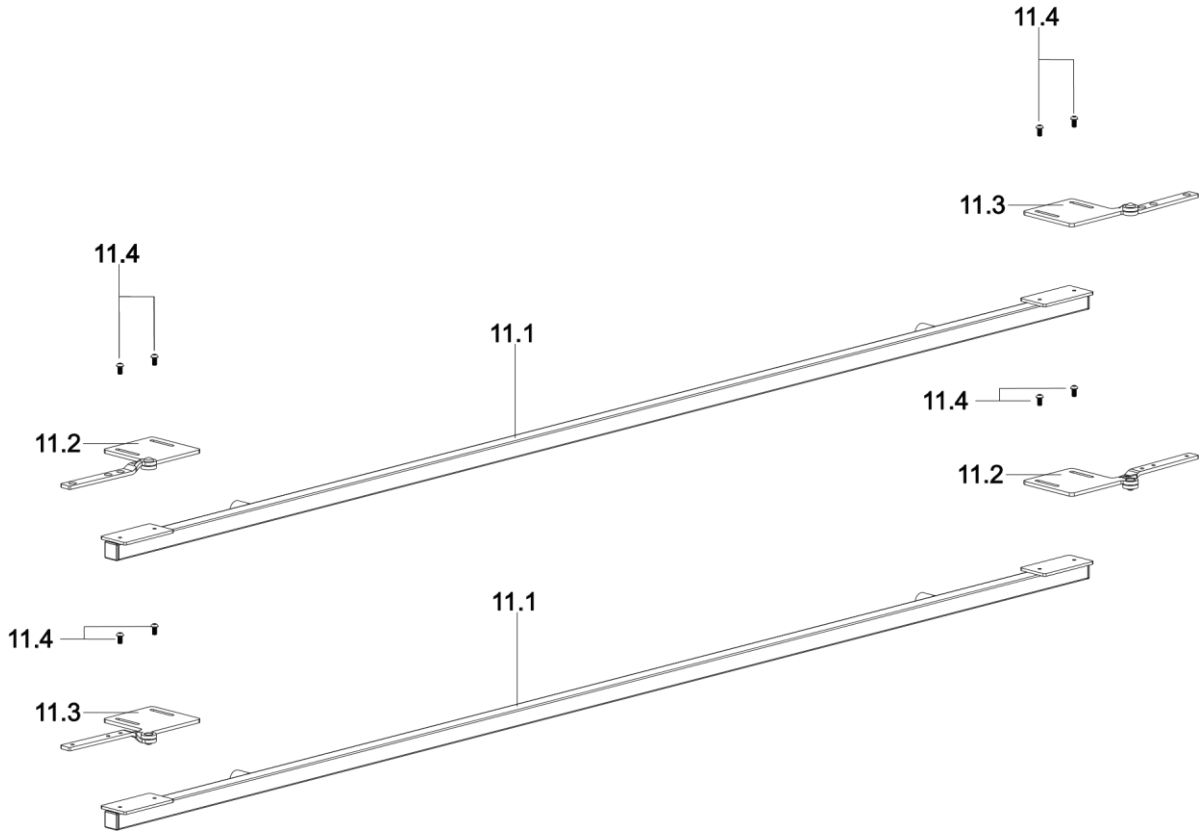
fig. 10



- Mount the 2 display supports (10.1) at the back of the display with Allen screws M8*30 button head (10.2).

For a combination E 86"-Add-on :choose the 4th hole from top.

fig. 11



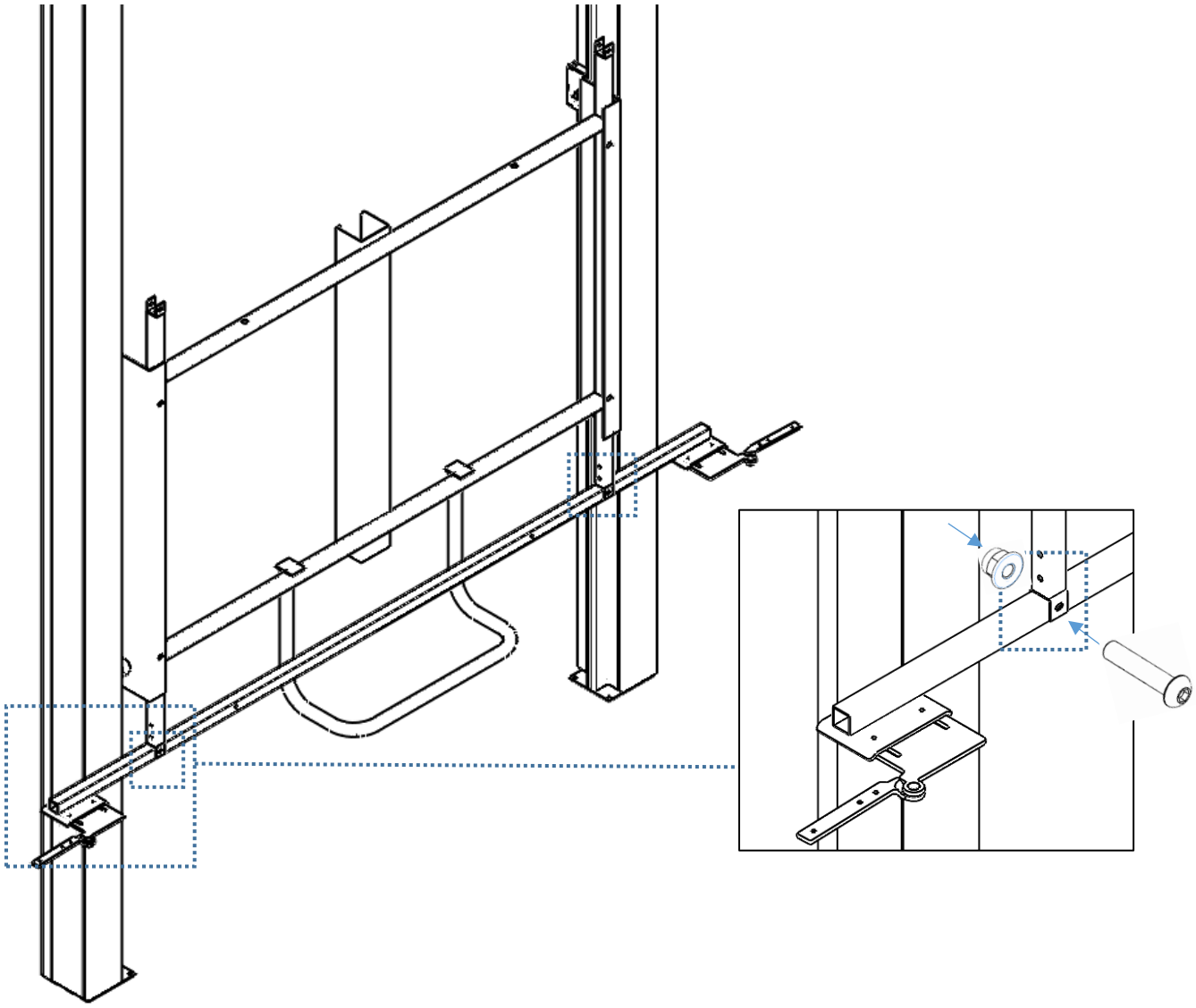
- Mount the left (11.3) and right hinges (11.4) onto the Add-on tubes (11.1) with Allen screws M6*12 button head (11.2).

Attention !!!

'Hand tight' is enough because you still have to be able to adjust them later.

fig.12

- Install the Add-on tubes (11.1) onto the support structure (8.1).
- 'hand tight' is enough because you still have to be able to adjust them later.
- use screw (M6x40) and bolt (M6)



if Option E-chain:

Screw the E-chain holder (12.1) against the support structure (8.1) with 2x tapping screws 4,8*16

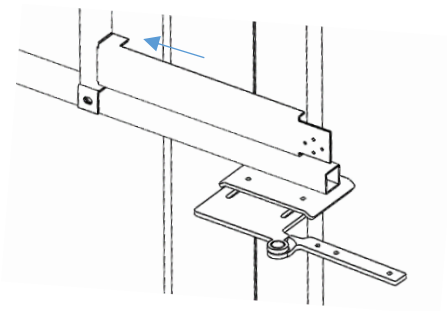
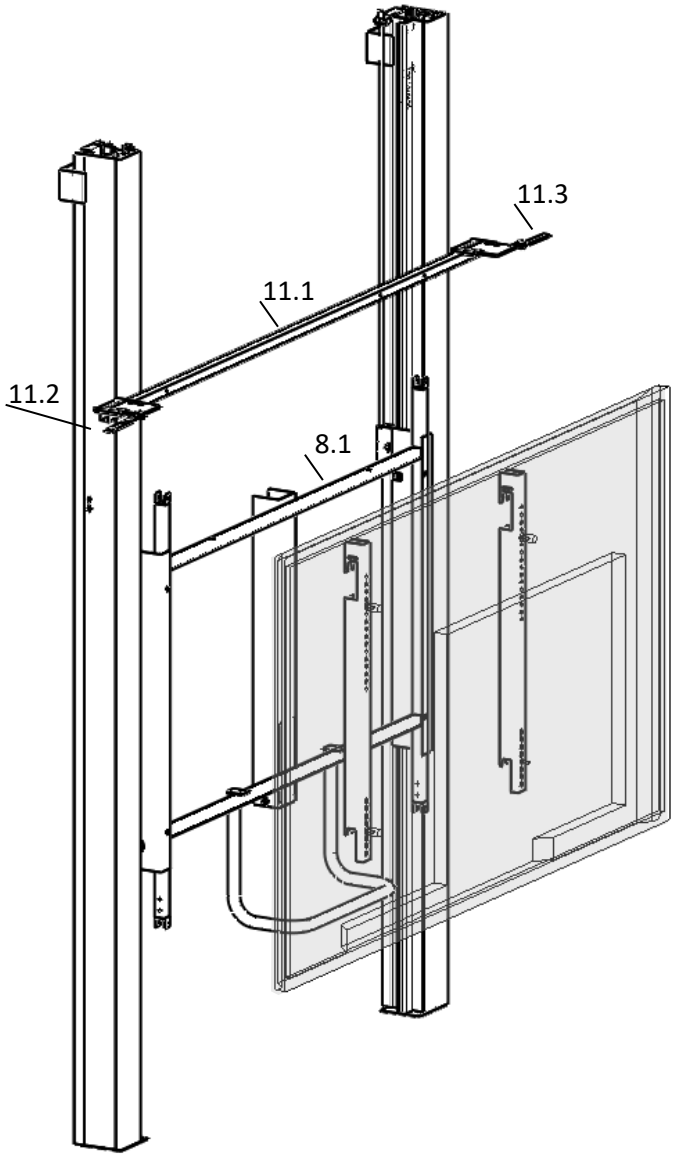


fig 13



- Place the pre-assembled display on the support structure (8.1). Align it to the center of the structure.
- Install the upper Add-on tube (11.1) onto the support structure (8.1), same way like the add-on tube below.
- Move this tube so that the hinges (11.2 & 11.3) rest on the top of the display and tighten it well.
- Move the lower Add-on, so that there is a distance equal to the height (inside trim) of the wing between the hinges and tighten it well.

Wings

fig 14a

Check, adjust and align the position of all hinges.

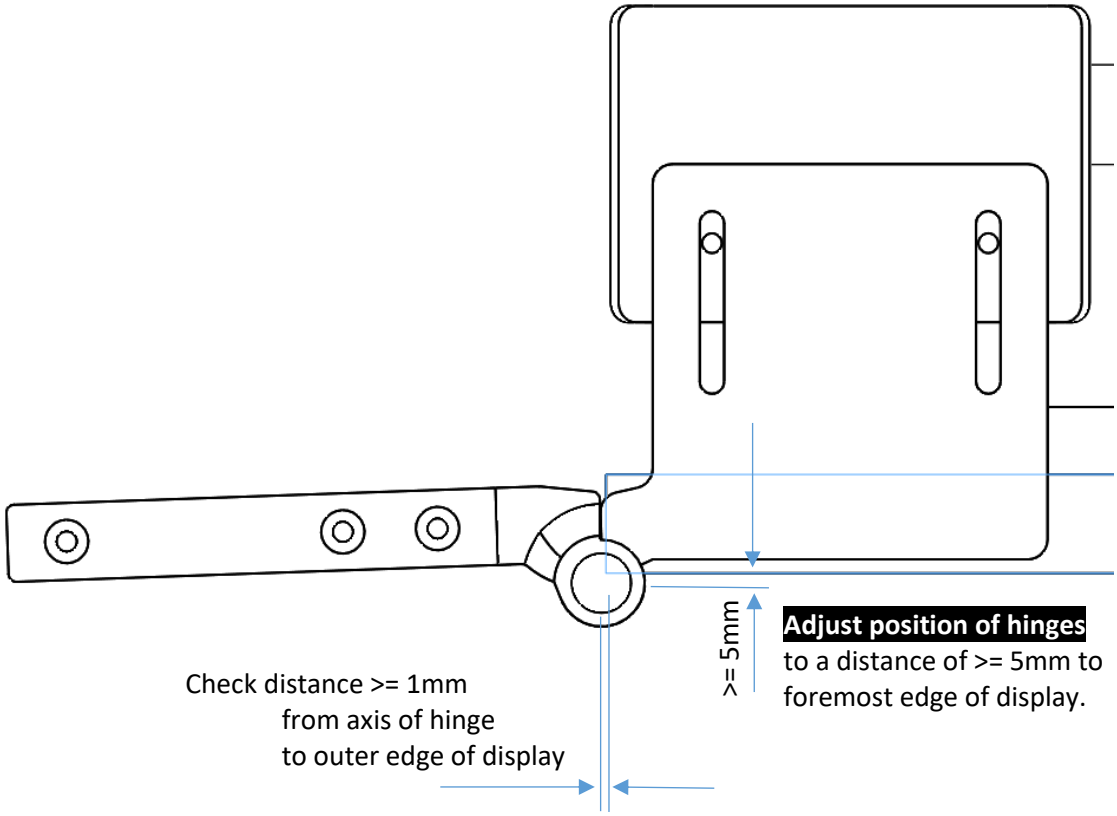


fig 14b

fix two 'Bumpons' onto each wing (whiteboard):

On the horizontal profiles (Top and Bottom),
next to the ROUNDED corners.

Both facing in the same direction.

You may have to drill a 3mm hole.

Use recessed screw 3.5x30 or similar.

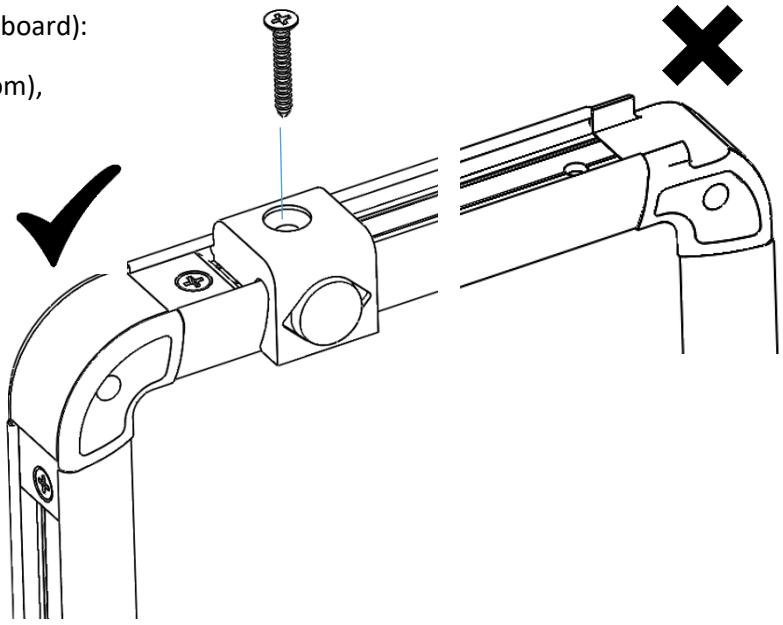
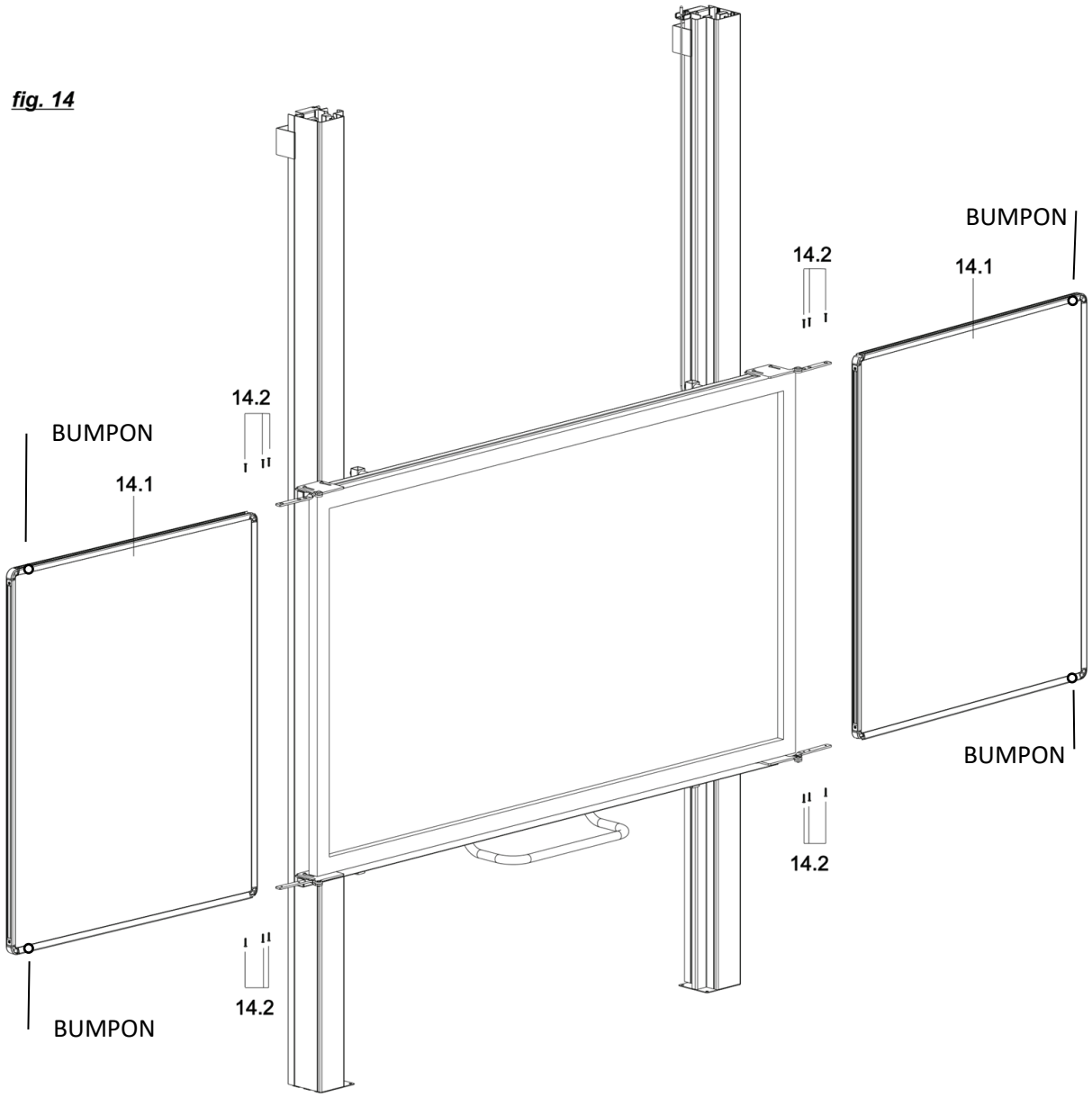


fig. 14



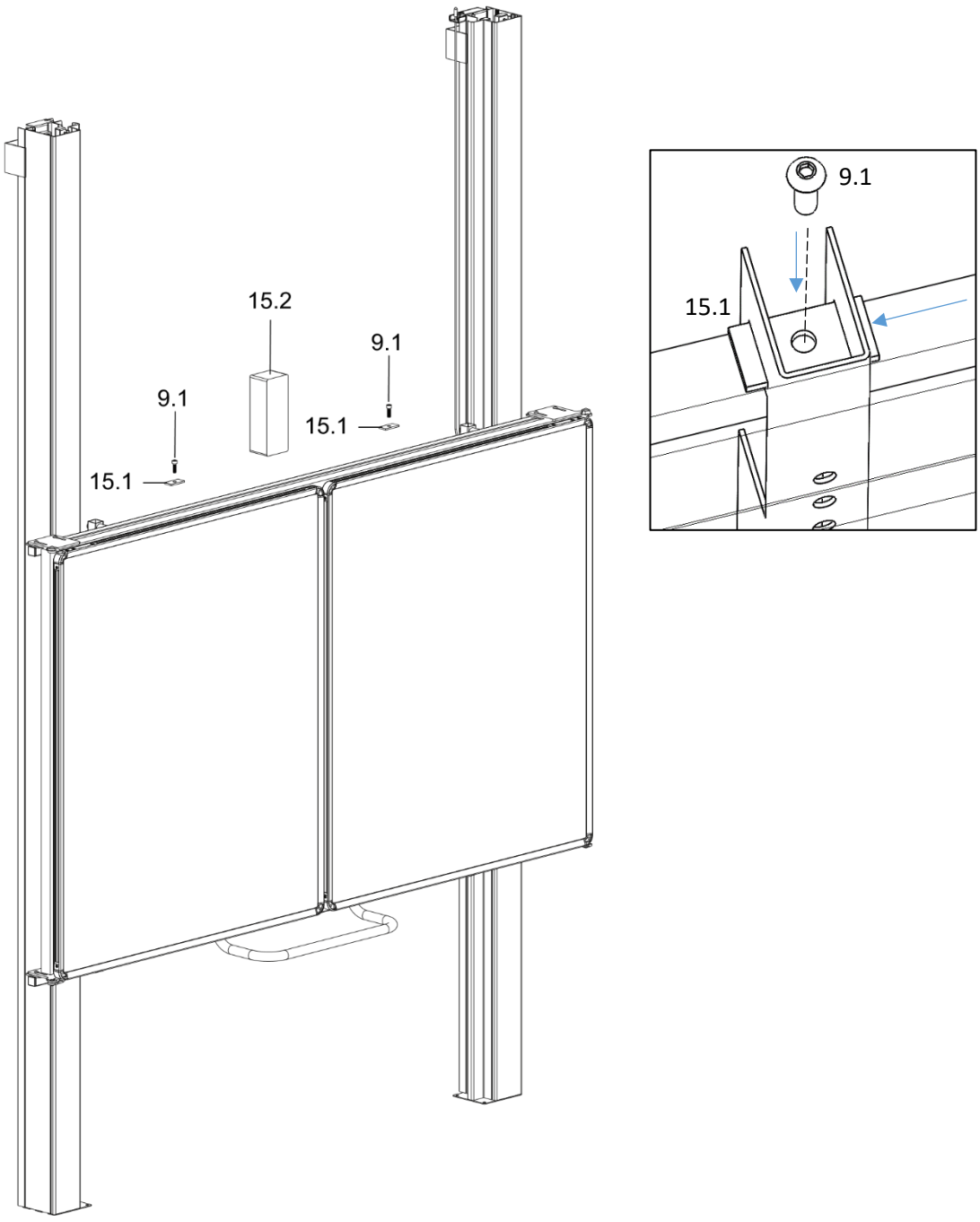
- Install both wings (14.1) with screws 4,5*25 (14.2) to the hinges through the pre-drilled holes (one at the top and one at the bottom). Open the hinges. Insert the boards with the Bumpons facing towards you.

- Close the wings and control if they are horizontally, then drill holes ø3 in the wings through the hinges and fasten with the other screws 4,5*25 (14.2).

Attention !!!

If not horizontally loosen the one screw 4,5*25 (14.2) at the top, adjust the wing correctly, then drill holes and fasten with screws 4,5*25 (14.2).

- ***fig. 15***



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Secure the installation with blocking plates (15.1) and Allen screws M8*25 (19.1).

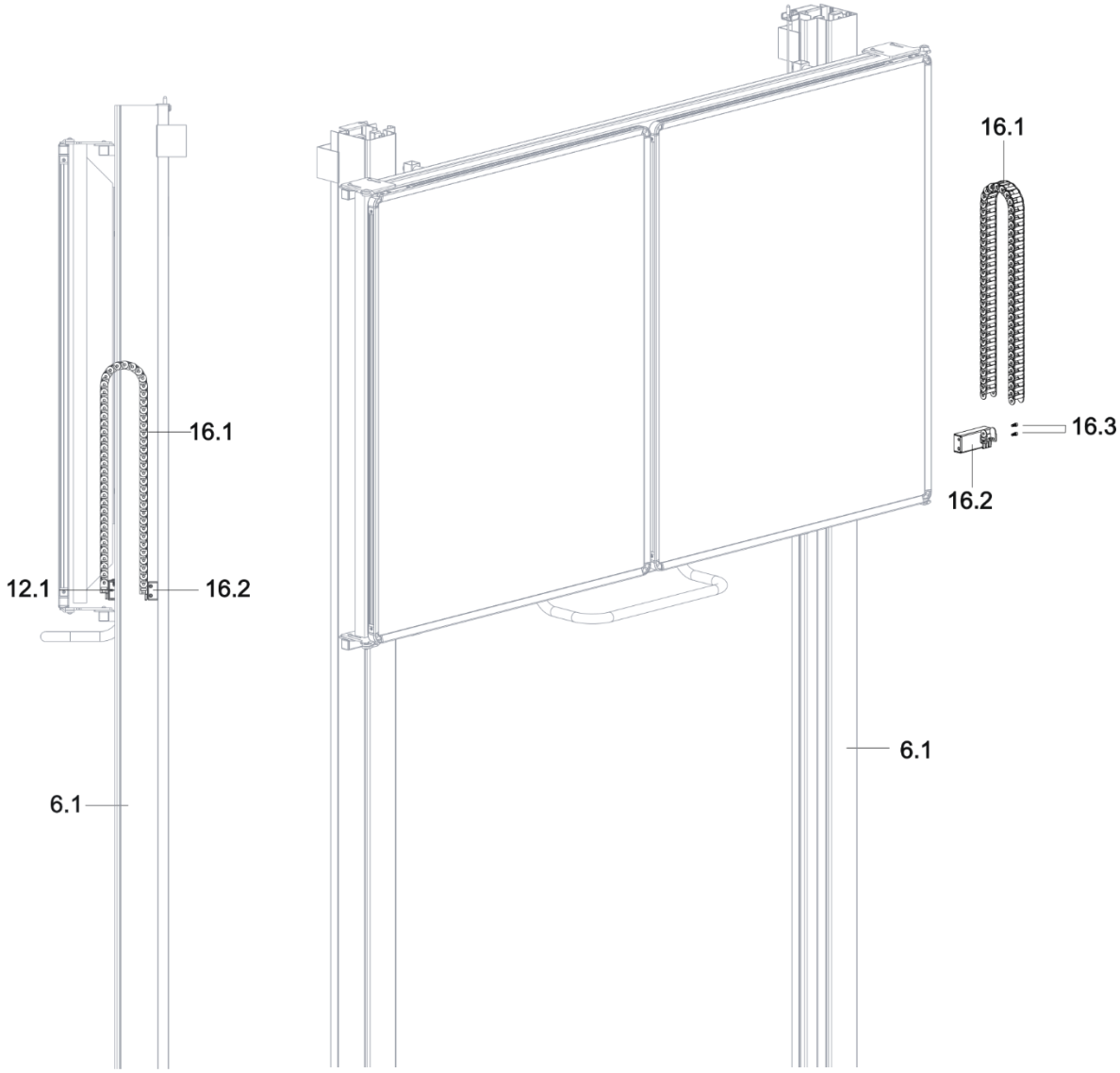
Attention !!!

Unblock the counterweight (6.3) in the columns (6.1) by removing the screw M6*40 or equivalent (7.5) and check the vertical sliding motion of the display. It should not move up or down by itself and the forces needed to move it up and down should be similar.

Counterbalance if necessary, by placing the concrete block(s) (15.2) in the back of the support structure (8.1).

E-Chain

fig. 16



- Place the display in its highest position.
- Place the E-chain fixed holder (16.2) horizontally with the E-chain holder (12.1) and mark the drill holes.
- Drill 2 holes ø4mm in the column (6.1) and tap them to tread M5.
- Attach the E-chain fixed holder (16.2) with Allen screws (16.3).
- Place the cables in the chain (16.1) and click it into its ends.

3. PART LIST :

concrete or masonry wall

- mounting bracket (5.1) 2 each
- dowel 10*50 (5.3) 4 each
- hex screw 8*80 (5.4) 4 each
- column, right (6.1) 1 each
- column, left (6.1) 1 each
- self -adhesive strips of felt (6.2) 4 each
- counterweight (6.3) 2 each
- cable with stop springs (6.4) 2 each
- pulley (6.5) 2 each
- stop spring (6.6) 2 each
- board carrier, right (6.7) 1 each
- board carrier, left (6.7) 1 each
- cable holder, right (6.8) 1 each
- cable holder, left (6.8) 1 each
- floor plate, right (7.1) 1 each
- floor plate, left (7.1) 1 each
- hex tapping screw 5,5*25 (7.2) 4 each
- screw 6*50 (7.3) 4 each
- dowel S8 (7.4) 4 each
- screw M6*40 or equivalent (7.5) 2 each
- support structure (8.1) 1 each
- Allen screw M10*40(8.2) 4 each
- nut M10 (8.3) 4 each
- spacer 26*20*10,5 (8.4) 4 each
- Allen screw M8*25 (9.1) 6 each
- toothed washer M8 (9.2) 4 each
- display support (10.1) 2 each-
  Allen screw M8*30 button head (10.2) 4 each
- Add-on tube (11.1) 2 each
- hinge, left (11.2) 2 each
- hinge, right (11.3) 2 each
- Allen screw M6*12 button head (11.4) 8 each
- wing (14.1) 2 each
- chipboard screw 4,5*25 (14.2) 12 each
- blocking plate (15.1) 2 each
- concrete block (15.2) 4 each

Option E-chain

- E-chain holder (12.1) 1 each
- tapping screws 4,8*16 (12.2) 2 each
- E-chain (16.1) 1 each
- E-chain fixed holder (16.2) 1 each
- Allen screw M5*12 (16.3) 2 each

if light construction wall

- mounting bar (5.2) 1 each
- special dowel 7 each
- special screw 7 each
- cover up cap 5 each
- column, right (6.1) 1 each
- column, left (6.1) 1 each
- self -adhesive strips of felt (6.2) 4 each
- counterweight (6.3) 2 each
- cable with stop springs (6.4) 2 each
- pulley (6.5) 2 each
- stop spring (6.6) 2 each
- board carrier, right (6.7) 1 each
- board carrier, left (6.7) 1 each

- cable holder, right (6.8) 1 each
- cable holder, left (6.8) 1 each
- floor plate, right (7.1) 1 each
- floor plate, left (7.1) 1 each
- hex tapping screw 5,5*25 (7.2) 4 each
- screw 6*50 (7.3) 4 each
- dowel S8 (7.4) 4 each
- screw M6*40 or equivalent (7.5) 2 each
- support structure (8.1) 1 each
- Allen screw M10*40(8.2) 4 each
- nut M10 (8.3) 4 each
- spacer 26*20*10,5 (8.4) 4 each
- Allen screw M8*25 (9.1) 6 each
- toothed washer M8 (9.2) 4 each
- display support (10.1) 2 each
- Allen screw M8*30 button head (10.2) 4 each
- Add-on tube (11.1) 2 each
- hinge, left (11.2) 2 each
- hinge, right (11.3) 2 each
- Allen screw M6*12 button head (11.4) 8 each
- wing (14.1) 2 each
- chipboard screw 4,5*25 (14.2) 12 each
- blocking plate (15.1) 2 each
- concrete block (15.2) 4 each

Option E-chain

- E-chain holder (12.1) 1 each
- tapping screws 4,8*16 (12.2) 2 each
- E-chain (16.1) 1 each
- E-chain fixed holder (16.2) 1 each
- Allen screw M5*12 (16.3) 2 each

Bumpons

- Base with Bumpon
- Screw 3,5*30 recessed, cross 4 each