



# Kiaro

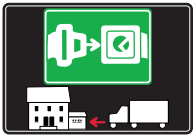
OPENING  
SYSTEMS  
FOR LIFT  
UP AND  
DROP  
DOWN  
DOORS





# SYMBOLS AND FINISHES LEGEND

## SYMBOLS



= SHELF SAFELY LOCKED DURING TRANSPORTATION AND AT HOME.



= ANTI-TURNOVER LOCKING SYSTEM



= NORMS / PATENTS



= PHILLIPS / POZIDRIV



= WITH BUFFER



= PART NO.



= BLADE SLOT



= WITH MAGNET



= PCS. PER PACKAGE



= COMBI SLOT



= HEXAGONAL SOCKET



= NEWTON



= CAPACITY LOADING



= HEXALOBULAR SOCKET



= FRICTION



= WOOD / GLASS THICKNESS



= COUNTERSUNK HEAD



= AUTOMATIC



= HOLE DIAMETER



= PAN HEAD



= DROP DOWN



= DIAMETER



= FLANGE HEAD



= LENGTH



= FLAT HEAD



= STANDARD HINGE



= HEIGHT



= TRILOBULAR SCREW



= KIMANA HINGE



= RIGHT VERSION



= SELF-TAPPING SCREW



= FLAP HINGE



= LEFT VERSION



= EURO THREAD



= WITH SPRING



= SETTING CODE



= METRIC THREAD



= WITHOUT SPRING



= PCS. PER PAD



= PRE-INSERTED SCREW



= REVERSED SPRING



= CUT ON REQUEST



= PRE-INSERTED SCREW AND SPREADING BUSH



= SELF ADHESIVE



= WITH FLANGE

NOTE: Printing errors and omissions may exist despite our best efforts to ensure accuracy. We reserve the right to alter specifications without notice.

## MATERIALS

|  |                                 |                               |                   |  |
|--|---------------------------------|-------------------------------|-------------------|--|
| <b>ZA</b> = Zinc Alloy                 | <b>ST</b> = Steel               | <b>HSS</b> = High Speed Steel | <b>BR</b> = Brass | <b>ABS</b> = Acrylonitrile Butadiene Styrene |
| <b>ZAnk</b> = Nickel-plated Zinc Alloy | <b>STzk</b> = Zinc-plated Steel | <b>AL</b> = Aluminium         | <b>WD</b> = Wood  | <b>EVA</b> = Ethylene Vinyl Acetate          |

|  |  |                                |  |
|--|--|--------------------------------|--|
| <b>EP</b> = <b>ENGINEERING PLASTIC</b> | + <b>EP</b> = other engineering plastic available on request | <b>SR</b> = <b>SOFT RUBBER</b> | + <b>SR</b> = other soft rubber available on request |
|--|--|--------------------------------|--|

|   |   |                                  |
|---|---|----------------------------------|
| <b>EPn</b> = Natural Engineering Plastic      | <b>EPc</b> = Clear Engineering Plastic      | <b>SRn</b> = Natural Soft Rubber |
| <b>EPw</b> = White Engineering Plastic        | <b>EPg</b> = Grey Engineering Plastic       | <b>SRw</b> = White Soft Rubber   |
| <b>EPwg</b> = Water Green Engineering Plastic | <b>EPa</b> = Anthracite Engineering Plastic | <b>SRb</b> = Black Soft Rubber   |



## FINISHES



+ **OTHER FINISHES AVAILABLE ON REQUEST**

| PART NO. | FINISHES             | PART NO. | FINISHES                 | PART NO. | FINISHES                     |
|----------|----------------------|----------|--------------------------|----------|------------------------------|
| 00       | Insignificant finish | IF       | Middle Grey              | RO       | Red                          |
| AA       | Natural              | IJ       | Light Grey               | UT       | T-Met 9007                   |
| AB       | White                | IL       | Grey 20                  | UZ       | T-Met                        |
| AE       | White 9010           | IN       | Grey met. 26             | WA       | Bronzed                      |
| EA       | Black                | JB       | Bright Aluminium         | WI       | Burnished                    |
| EC       | Matt Black           | JC       | Aluminium - Chrome       | XD       | Satin-finished Steel         |
| EE       | Anthracite           | JD       | Matt Aluminium           | YA       | Nickel-plated                |
| EW       | Grey 9007            | JE       | Satin-finished Aluminium | YB       | Bright Nickel-plated         |
| FU       | Gunmetal             | JF       | Aluminium - Brass        | YC       | Matt Nickel-plated           |
| FV       | Gunmetal V52         | JG       | Aluminium 5              | YD       | Satin-finished Nickel-plated |
| GR       | Raw                  | JL       | Aluminium PE 11          | YQ       | Black Nickel                 |
| HA       | Brass-Plated         | JM       | Aluminium RAL 9006       | Z9       | Black Zinc                   |
| HH       | Tropicalized         | KA       | Chrome                   | ZA       | Zinc alloy                   |
| HL       | Raw Brass            | KB       | Bright Chrome            | ZN       | Zinc-plated                  |
| HX       | Graphite             | KC       | Matt Chrome              | ZO       | Bright Gold                  |
| IA       | Grey                 | LD       | Brown 8019               | ZY       | Titanium                     |
| IB       | Metallic Grey        | NN       | Metallic Beige           | ZZ       | Clear                        |

## KIARO

Kiario is an opening system for drop down doors with a concealed mechanism which allows to adjust the settings depending on door weight and dimension, thus enabling to manage a wide range of doors with only one reference.

As it is a two-handed mechanism, it can be installed both on right and left side. A high resistance technical wire grants a significant loading capacity together with minimal shapes and elegant design. Available in two finishes which respond to the current overriding trends in the furniture appliances industry.

It is conceived also to be installed with integrated led lighting.



PAT. PENDING

### FEATURES AND BENEFITS

**MINIMAL AND ELEGANT DESIGN:** Wire opening system with reduced size and elegant shapes, becoming an element of design for the whole cabinet.

**OPTIMIZED STOCK MANAGEMENT:** One reference to cover a wide range of door weights and dimensions.

**TWO-HANDED MECHANISM:** The same mechanism can be installed both on right and left side.

**EASY INSTALLATION:** The opening system can be installed with an easy mounting of the lateral profile on the cabinet side and an easy fixation of the wire onto the door.

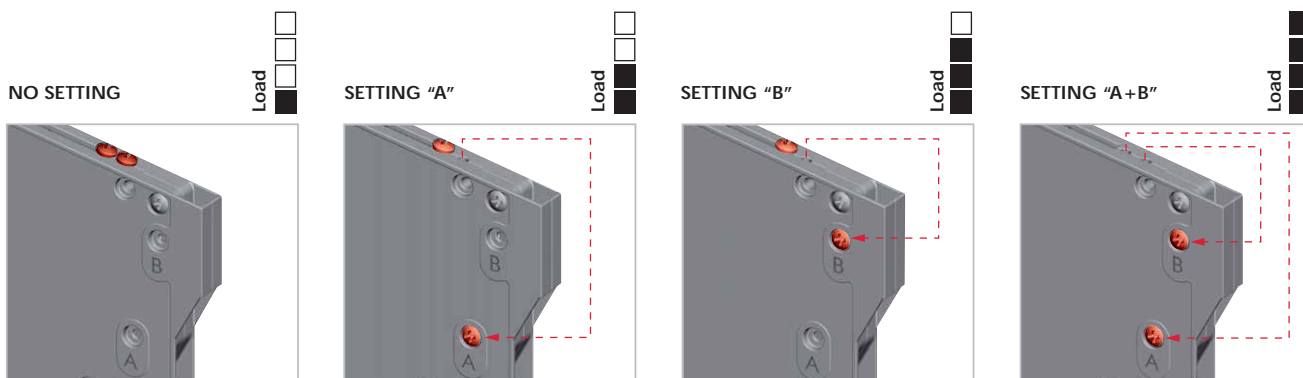
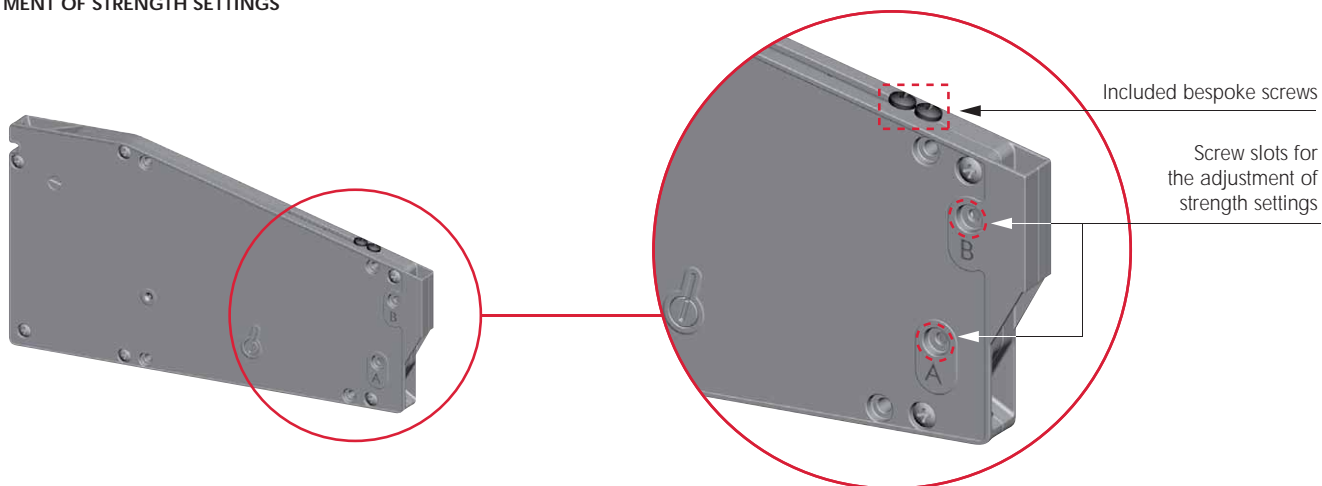
**INTEGRATED LED LIGHTING:** Available also with an integrated decorative led lighting which includes an innovative activation system.

**HANDLELESS DOORS:** Just one K PUSH TECH enables the door opening, with any door weight and size.

**WIDE ADJUSTMENT:** The mechanism allows a wide adjustment of the opening angle.

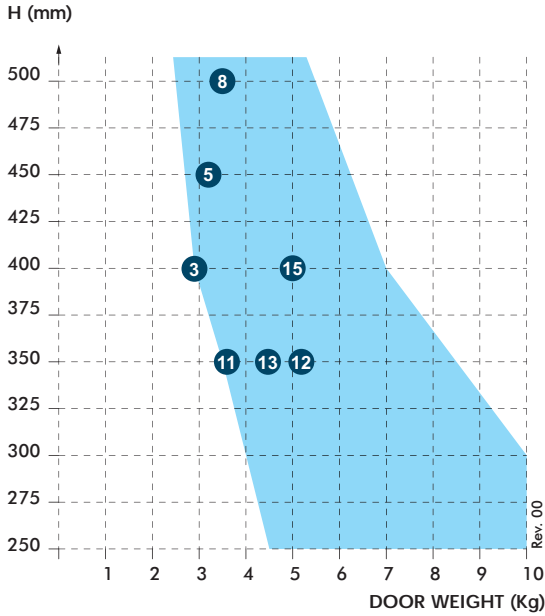


### ADJUSTMENT OF STRENGTH SETTINGS

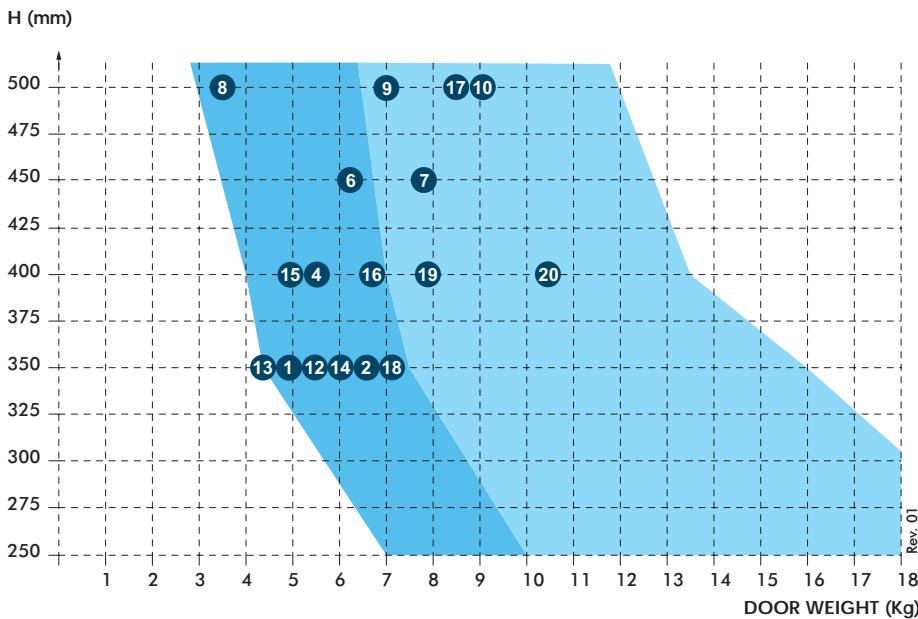




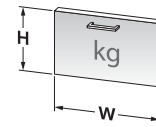
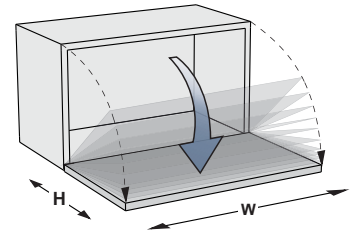
**SOFT OPENING**



1 mechanism  
**KIARO**



1 mechanism 1 mechanism 2 mechanisms  
**KIARO + KIARO S KIARO**



Door weight including the possible handle.

|    |                         | H<br>mm | W<br>mm | Weight<br>theoretical |
|----|-------------------------|---------|---------|-----------------------|
| 1  | Chipboard door thk 18mm | 350     | 1200    | 4,9 kg                |
| 2  | Chipboard door thk 18mm | 350     | 1500    | 6,5 kg                |
| 3  | Chipboard door thk 18mm | 400     | 600     | 2,9 kg                |
| 4  | Chipboard door thk 18mm | 400     | 1200    | 5,8 kg                |
| 5  | Chipboard door thk 18mm | 450     | 600     | 3,2 kg                |
| 6  | Chipboard door thk 18mm | 450     | 1200    | 6,3 kg                |
| 7  | Chipboard door thk 18mm | 450     | 1500    | 7,9 kg                |
| 8  | Chipboard door thk 18mm | 500     | 600     | 3,5 kg                |
| 9  | Chipboard door thk 18mm | 500     | 1200    | 7,0 kg                |
| 10 | Chipboard door thk 18mm | 500     | 1500    | 9,1 kg                |
| 11 | Chipboard door thk 25mm | 350     | 600     | 3,5 kg                |
| 12 | Chipboard door thk 25mm | 350     | 900     | 5,2 kg                |
| 13 | MDF door thk 18mm       | 350     | 900     | 4,4 kg                |
| 14 | MDF door thk 18mm       | 350     | 1200    | 6,0 kg                |
| 15 | MDF door thk 18mm       | 400     | 900     | 5,0 kg                |
| 16 | MDF door thk 18mm       | 400     | 1200    | 6,8 kg                |
| 17 | MDF door thk 18mm       | 500     | 1200    | 8,5 kg                |
| 18 | Chipb. 18mm + glass 4mm | 350     | 900     | 7,2 kg                |
| 19 | Chipb. 18mm + glass 4mm | 400     | 900     | 7,9 kg                |
| 20 | Chipb. 18mm + glass 4mm | 400     | 1200    | 10,4 kg               |

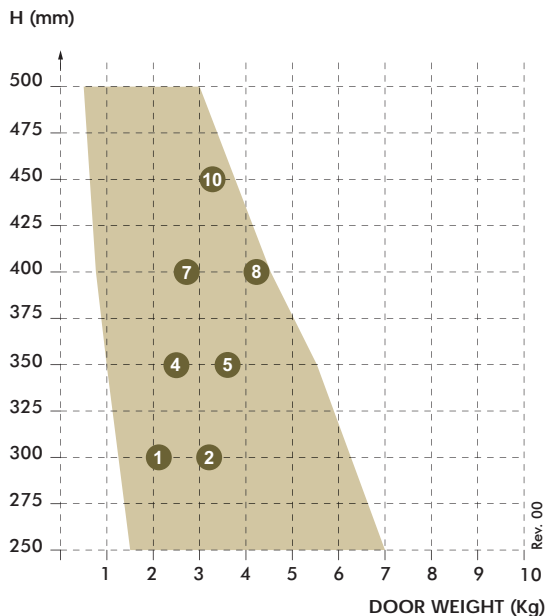
Weight considering: Chipboard 650 Kg/m<sup>3</sup> and MDF 780 Kg/m<sup>3</sup>.

These are experimental results to be checked by the customer.

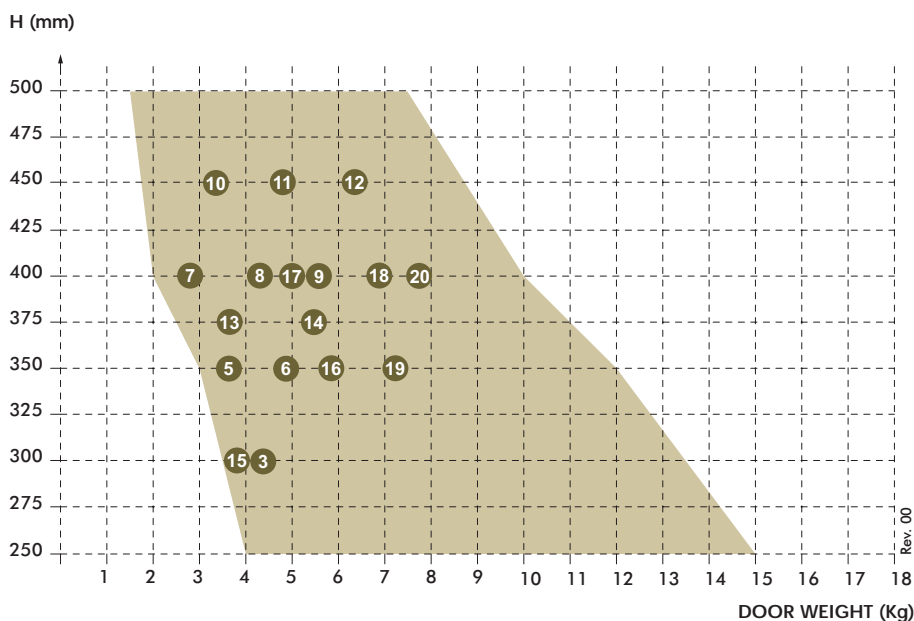
In accordance with the actual European regulation, we suggest where possible to use two KIARO mechanisms for each door. Our technical department is at your disposal to analyze further cases out of this chart.



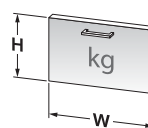
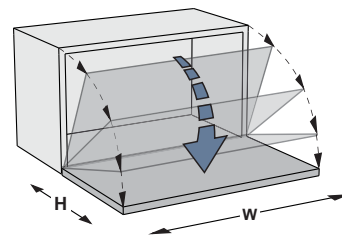
FRICITION OPENING



1 mechanism  
KIARO S



2 mechanisms  
KIARO S



Door weight including the possible handle.

|    |                         | H   | W    | Weight      |
|----|-------------------------|-----|------|-------------|
|    |                         | mm  | mm   | theoretical |
| 1  | Chipboard door thk 18mm | 300 | 600  | 2,1 kg      |
| 2  | Chipboard door thk 18mm | 300 | 900  | 3,2 kg      |
| 3  | Chipboard door thk 18mm | 300 | 1200 | 4,2 kg      |
| 4  | Chipboard door thk 18mm | 350 | 600  | 2,5 kg      |
| 5  | Chipboard door thk 18mm | 350 | 900  | 3,7 kg      |
| 6  | Chipboard door thk 18mm | 350 | 1200 | 4,9 kg      |
| 7  | Chipboard door thk 18mm | 400 | 600  | 2,8 kg      |
| 8  | Chipboard door thk 18mm | 400 | 900  | 4,2 kg      |
| 9  | Chipboard door thk 18mm | 400 | 1200 | 5,6 kg      |
| 10 | Chipboard door thk 18mm | 450 | 600  | 3,2 kg      |
| 11 | Chipboard door thk 18mm | 450 | 900  | 4,8 kg      |
| 12 | Chipboard door thk 18mm | 450 | 1200 | 6,3 kg      |
| 13 | Chipboard door thk 25mm | 375 | 600  | 3,7 kg      |
| 14 | Chipboard door thk 25mm | 375 | 900  | 5,5 kg      |
| 15 | MDF door thk 18mm       | 300 | 900  | 3,9 kg      |
| 16 | MDF door thk 18mm       | 350 | 1200 | 5,9 kg      |
| 17 | MDF door thk 18mm       | 400 | 900  | 5,0 kg      |
| 18 | MDF door thk 18mm       | 400 | 1200 | 6,8 kg      |
| 19 | Chipb. 18mm + glass 4mm | 350 | 900  | 7,2 kg      |
| 20 | Chipb. 18mm + glass 4mm | 400 | 900  | 7,9 kg      |

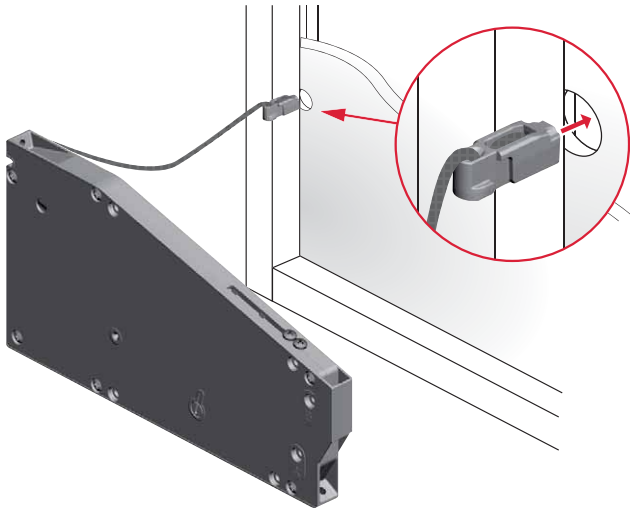
Weight considering: Chipboard 650 Kg/m<sup>3</sup> and MDF 780 Kg/m<sup>3</sup>.

These are experimental results to be checked by the customer.

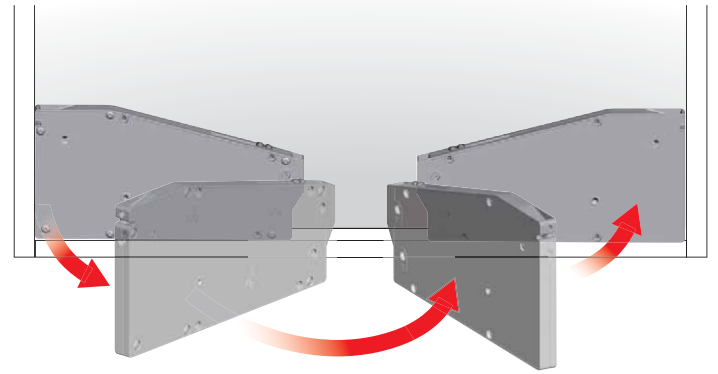
In accordance with the actual European regulation, we suggest where possible to use two KIARO mechanisms for each door. Our technical department is at your disposal to analyze further cases out of this chart.



**MECHANISM INSTALLATION**

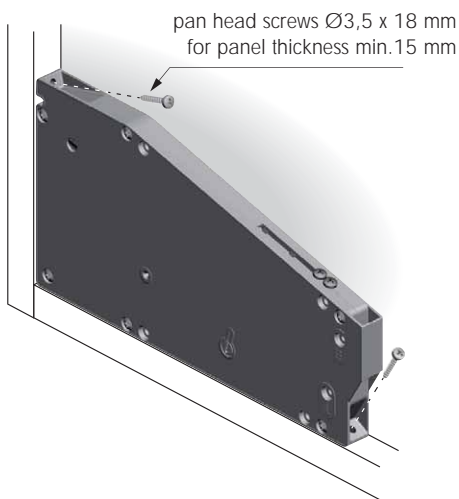


**UNHANDED MECHANISM**

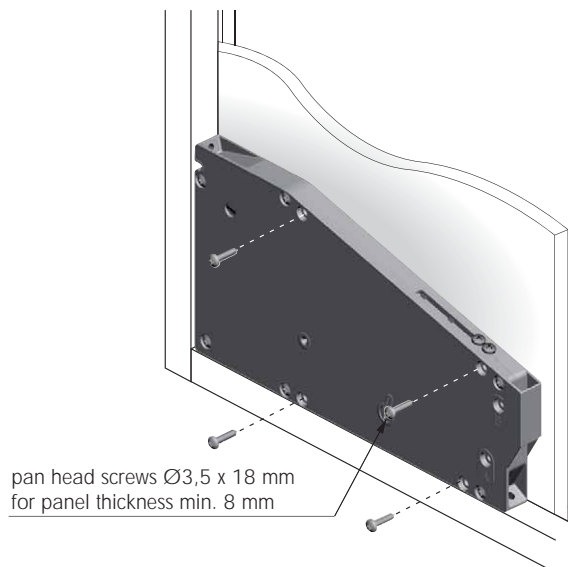


**MECHANISM FIXING**

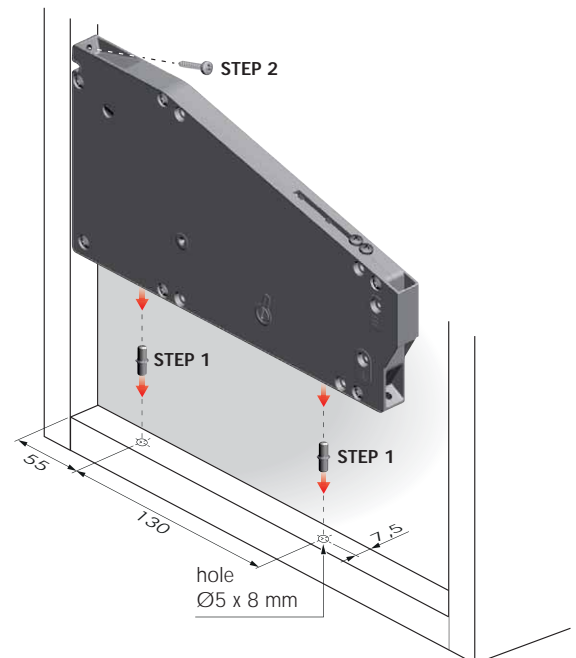
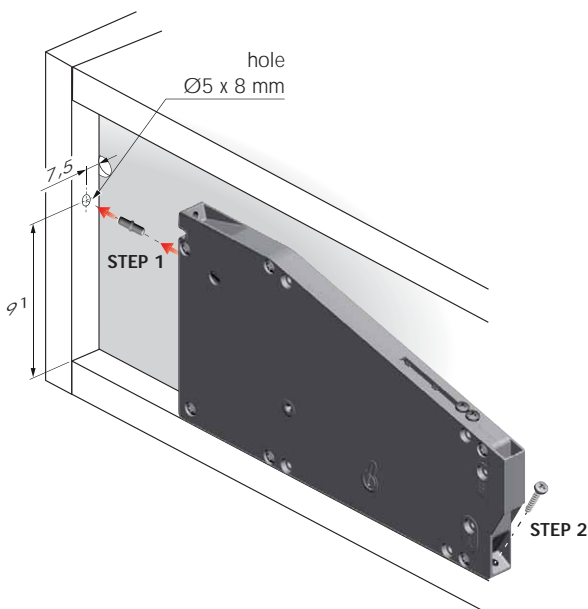
On the bottom and on the side panel with screws



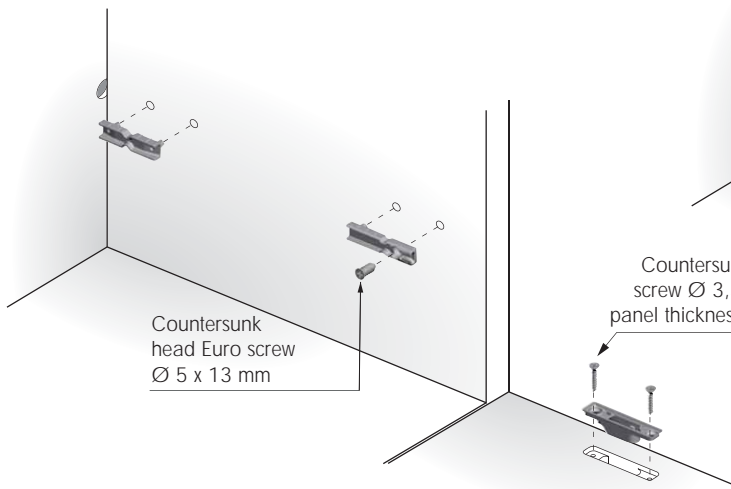
On the back panel with screws



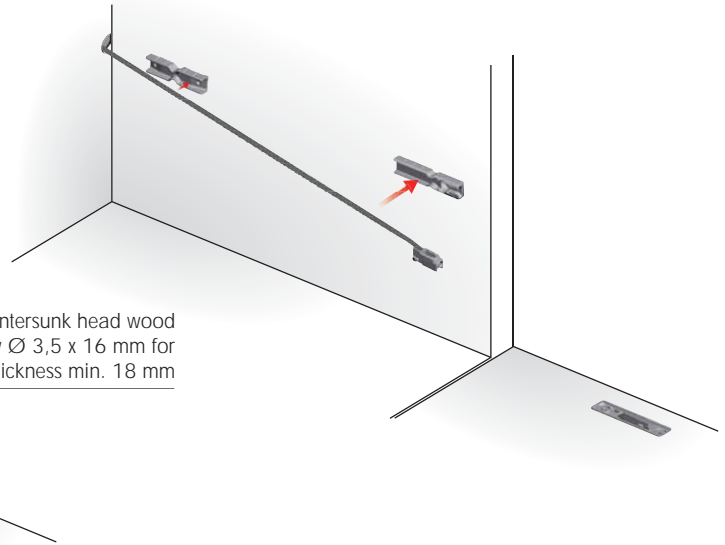
On the bottom and on the side panel with pin and screws



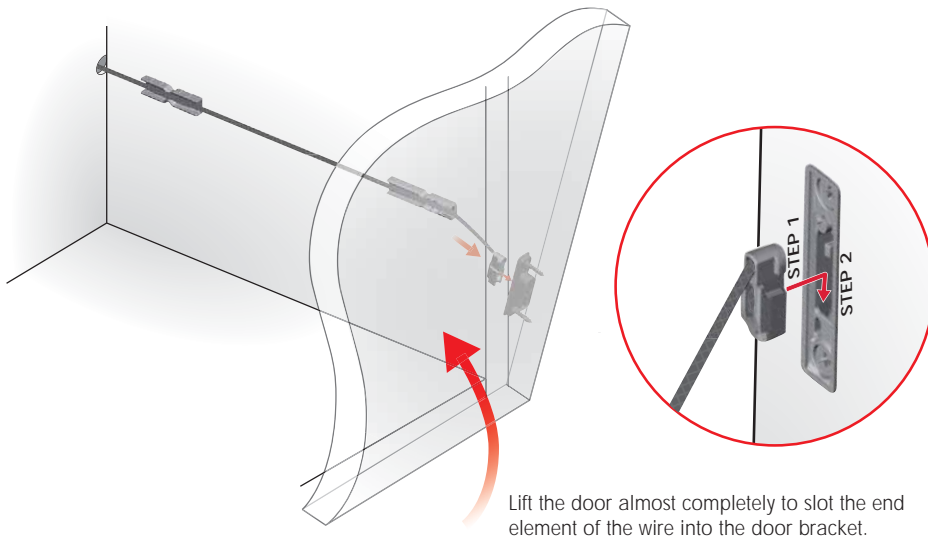
BRACKETS INSTALLATION



WIRE INSTALLATION



WIRE INSERTION ONTO THE DOOR BRACKET



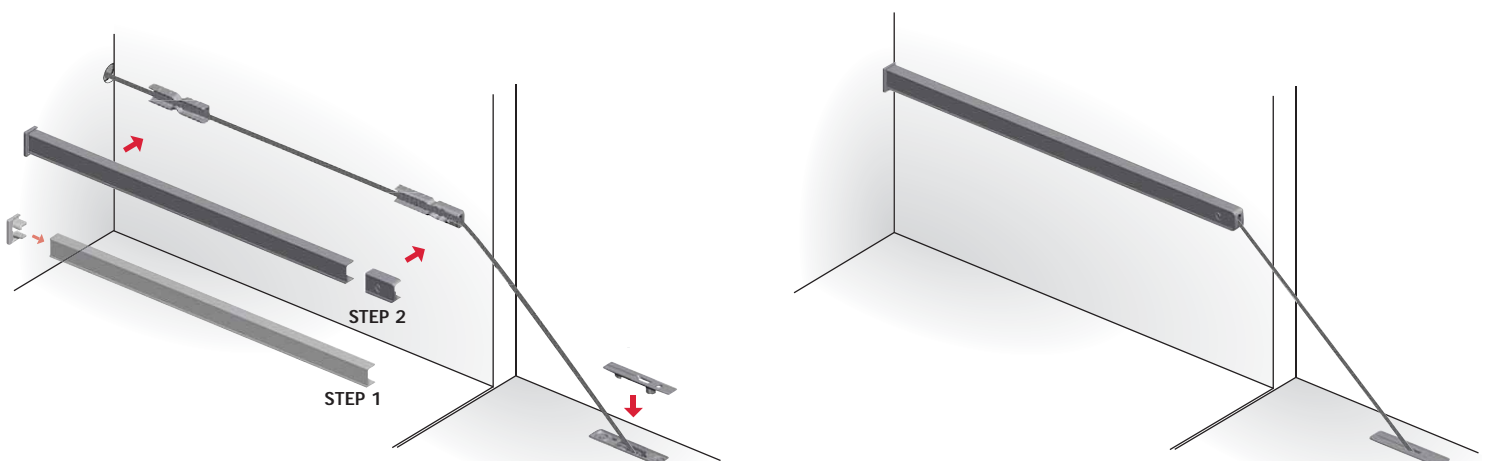
STEP 1



STEP 2



COVER CAP AND ALUMINIUM LATERAL PROFILE INSERTION

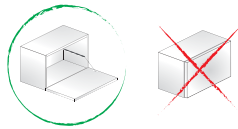


Place the cover cap on the door bracket before lifting the door.

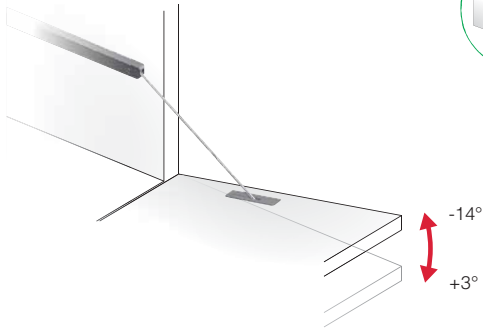




**DOOR OPENING ANGLE ADJUSTMENT**

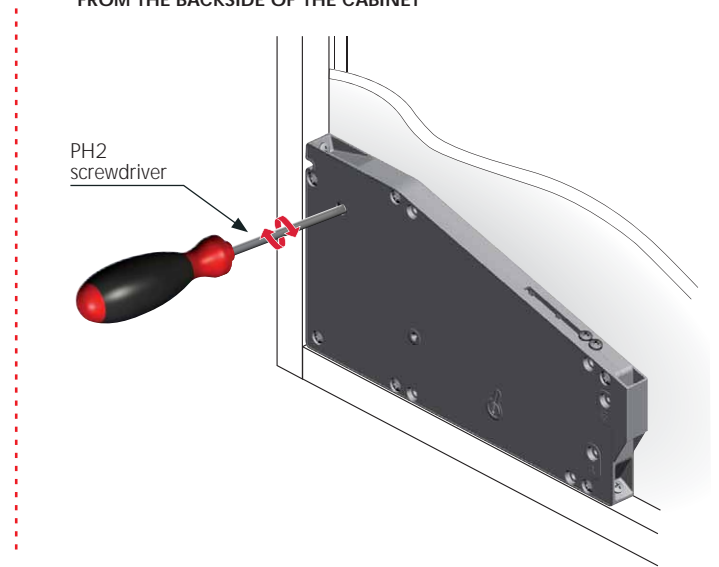
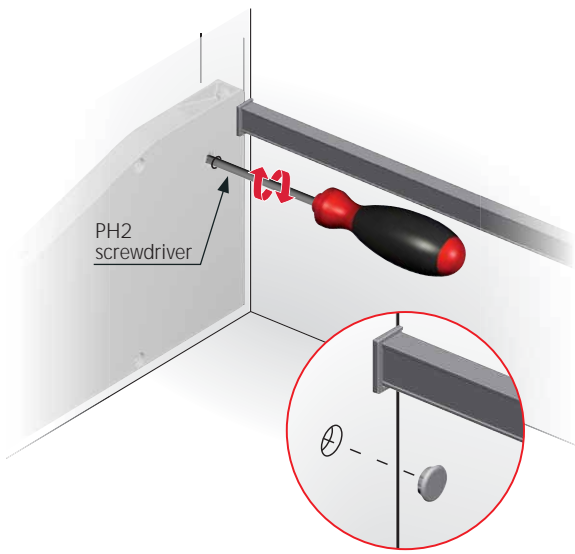


**VERY IMPORTANT:**  
The opening angle adjustment can be carried out only with open door.



**FROM THE INSIDE OF THE CABINET**

**FROM THE BACKSIDE OF THE CABINET**

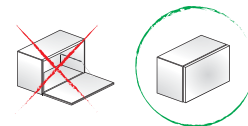


**ADJUSTMENT OF STRENGTH SETTINGS**

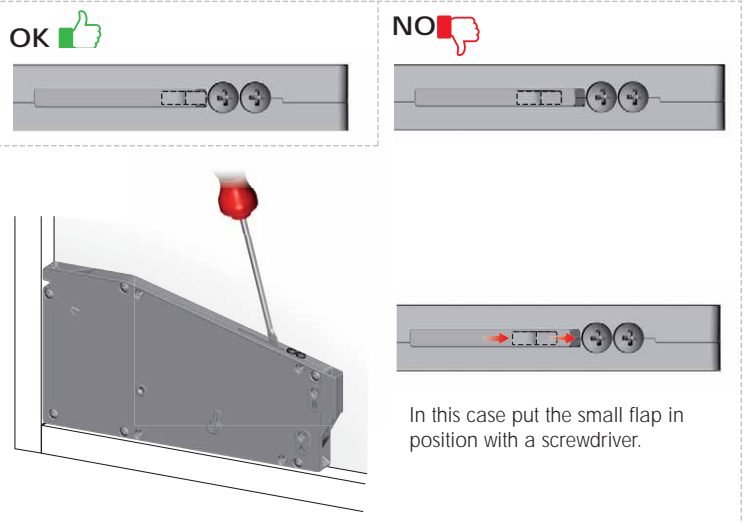
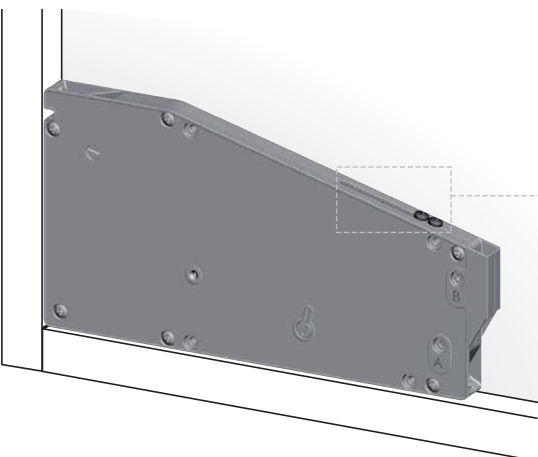
Possibility to adjust the settings of the mechanism also upon completed assembly.  
For details refer to the related section.

**VERY IMPORTANT:**  
Before proceeding, make sure:

- 1) The door is completely closed.

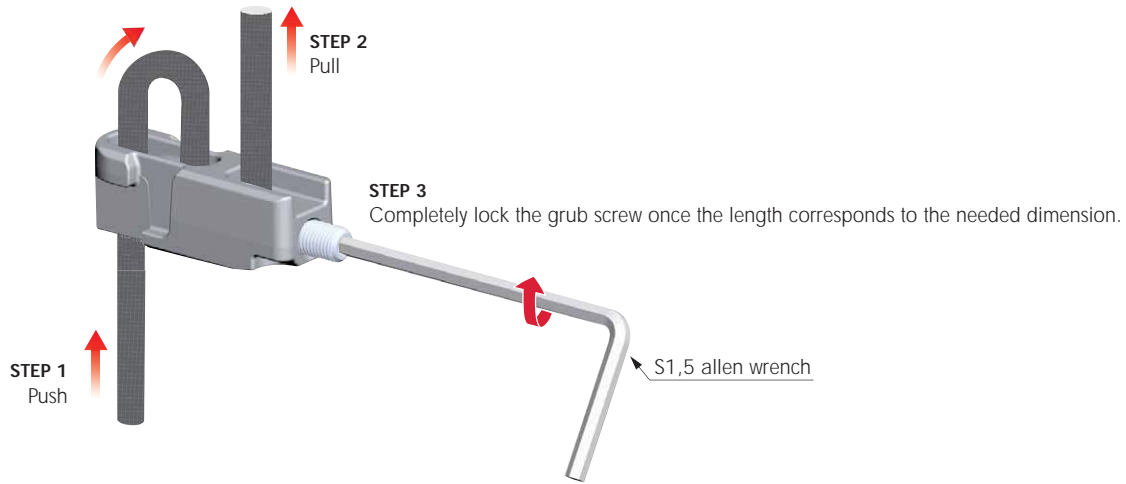


- 2) The mechanism is completely in position.

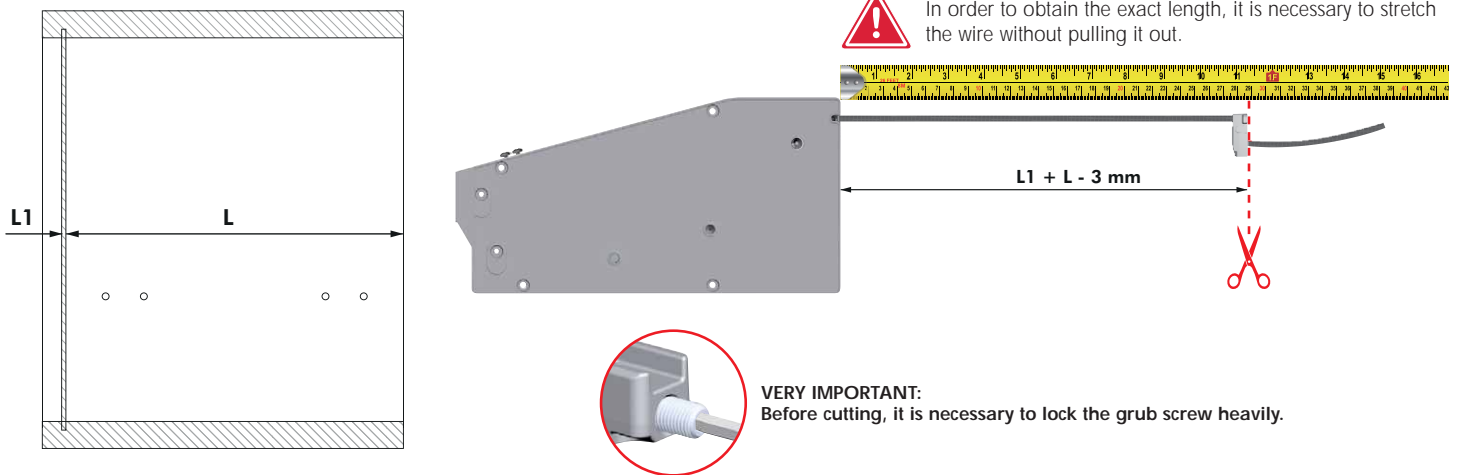


## INSTRUCTIONS FOR WIRE CUTTING

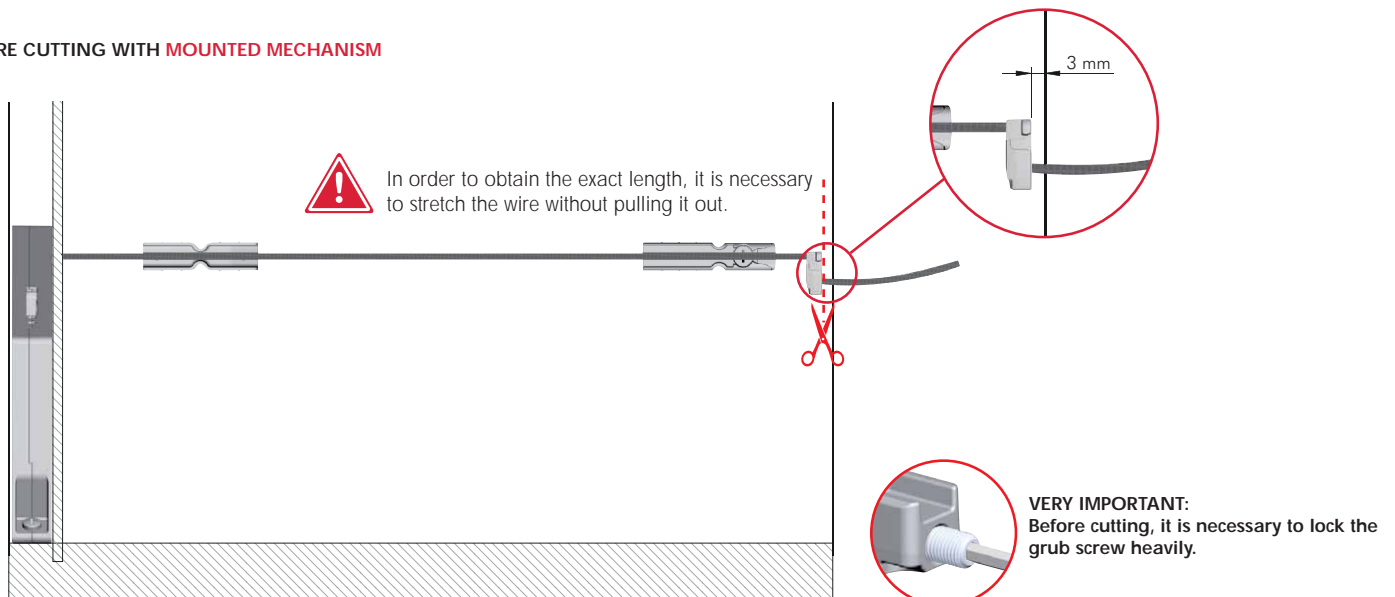
### INSERTION OF THE WIRE INTO THE END PART AND LOCKING WITH M3 GRUB SCREW



### WIRE CUTTING WITH UNMOUNTED MECHANISM

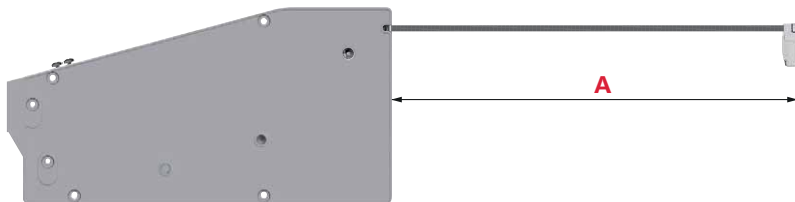
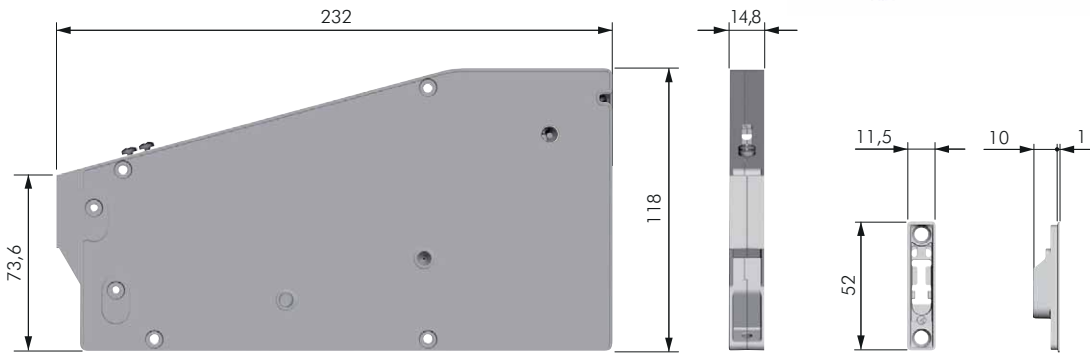


### WIRE CUTTING WITH MOUNTED MECHANISM



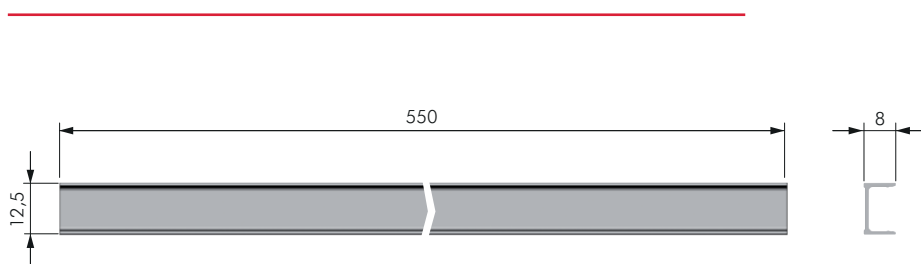


KIT MECHANISM KIARO or KIARO S (with door brackets)

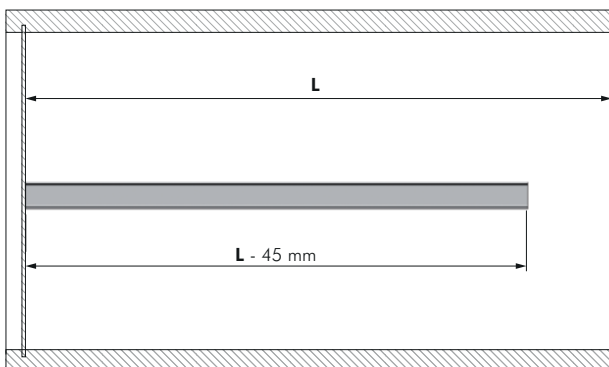


|         |            |    |           |
|---------|------------|----|-----------|
| ZA      | EP         | ST | = 12 pcs. |
|         |            |    | A (mm)    |
| KIARO   | 46006000YA | YQ | 600       |
| KIARO S | 46106000YA | YQ |           |

NOTE: Possibility to supply the wire with customized length (A).



CUT TO SIZE RULE:



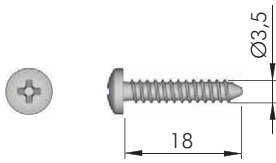
|            |           |
|------------|-----------|
| AL         | = 12 pcs. |
|            |           |
| 46205500UT | FV        |

NOTE: Possibility to supply the aluminium profile with customized length.

Finishes matching between cover caps and alu. profiles:

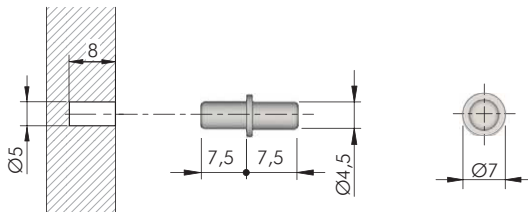
YA → UT  
YQ → FV

ACCESSORIES FOR MECHANISM FIXING



= Ø 3 mm  
 = PZ2  
 = 10.000 pcs.

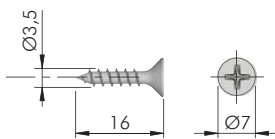
123  
**60103150ZN**



= Ø 5 mm  
 = 5000 pcs.

123  
**10101010ZN**

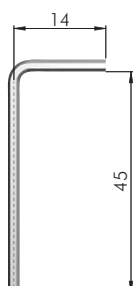
ACCESSORY FOR DOOR BRACKET FIXING



= Ø 3 mm **+**  
 = PZ2  
 = 10.000 pcs.

123  
**60101390ZN**

ACCESSORY FOR LOCKING THE GRUB SCREW

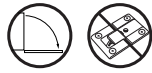


= S1,5  
 = 1000 pcs.

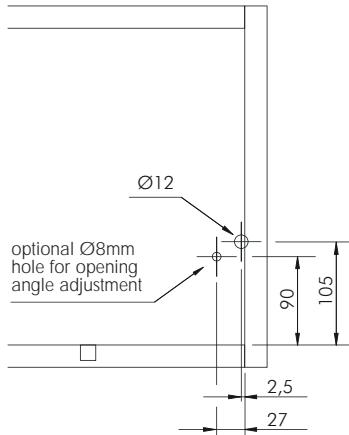
123  
**62501050ZN**



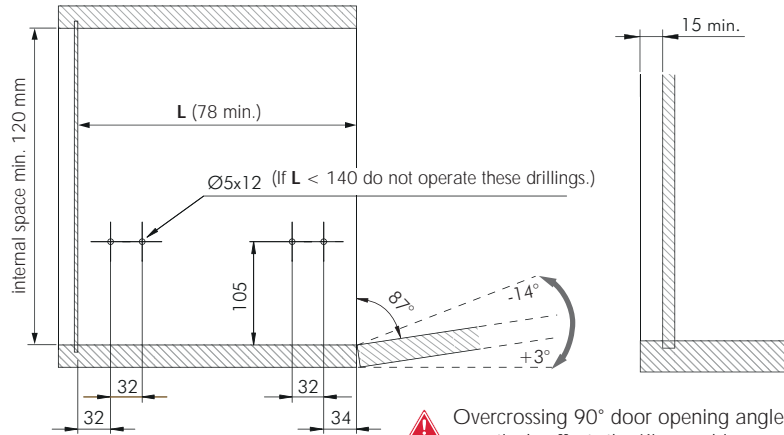
## KIARO WITH KIMANA HINGE



### BACK-PANEL DRILLING OPERATIONS



### SIDE-PANEL DRILLING OPERATIONS

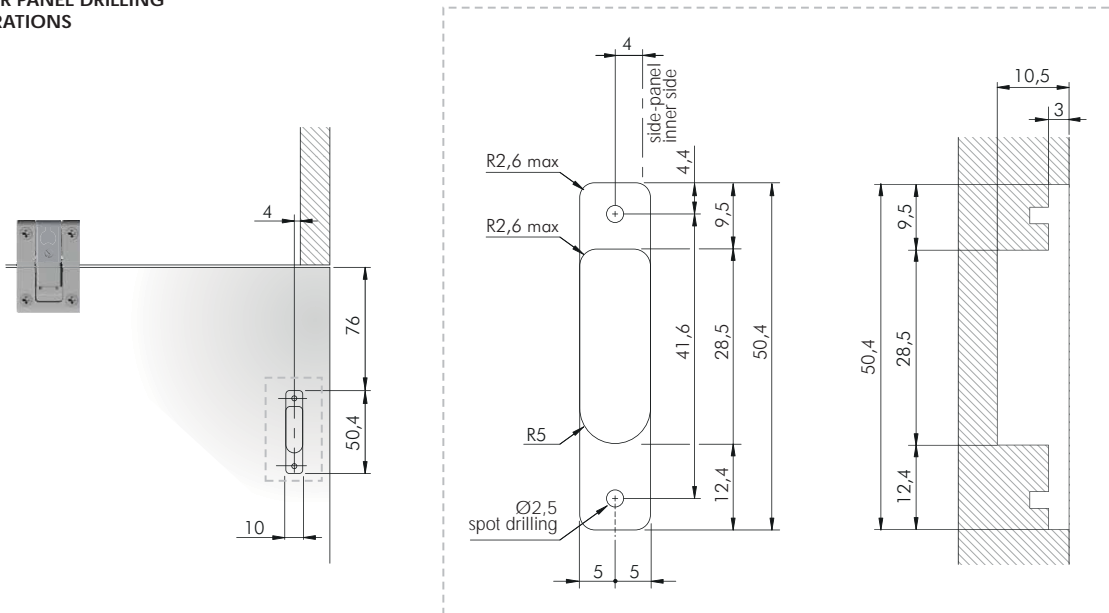


**!** Overcrossing 90° door opening angle, negatively affects the Kimana hinges.



In case of door without handles it is recommended to use **K Push Tech with buffer**.

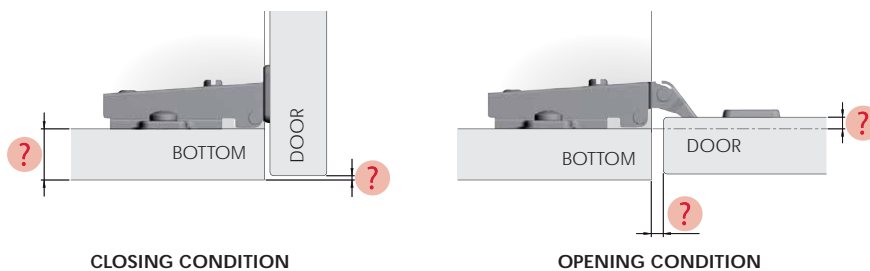
### DOOR PANEL DRILLING OPERATIONS



## KIARO WITH STANDARD UNSPRUNG HINGES



In case the hinges to be installed are not KIMANA hinges, please contact our technical department to receive the correct drilling plan. It is necessary to indicate all the values requested in the following diagram:



KIARO DECK - Alternative applications of Kiaro

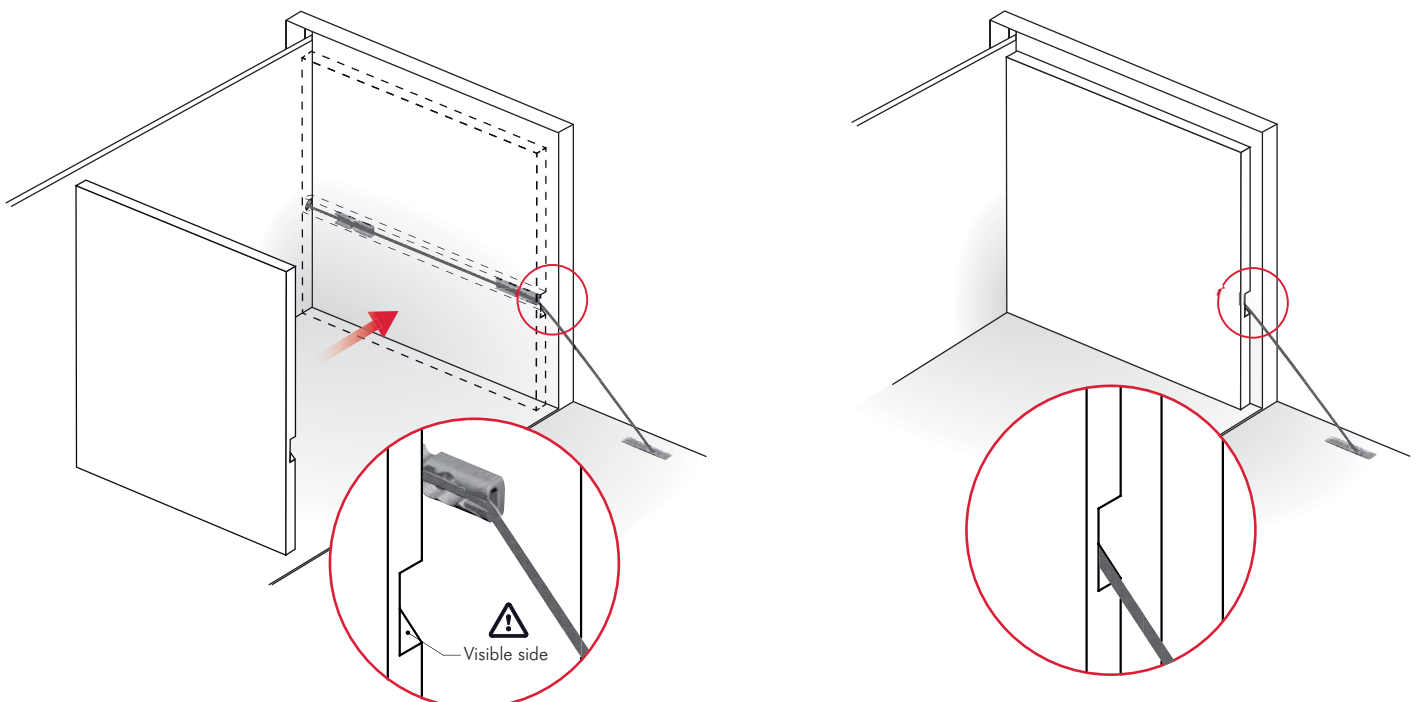
KIARO DECK - Version 1

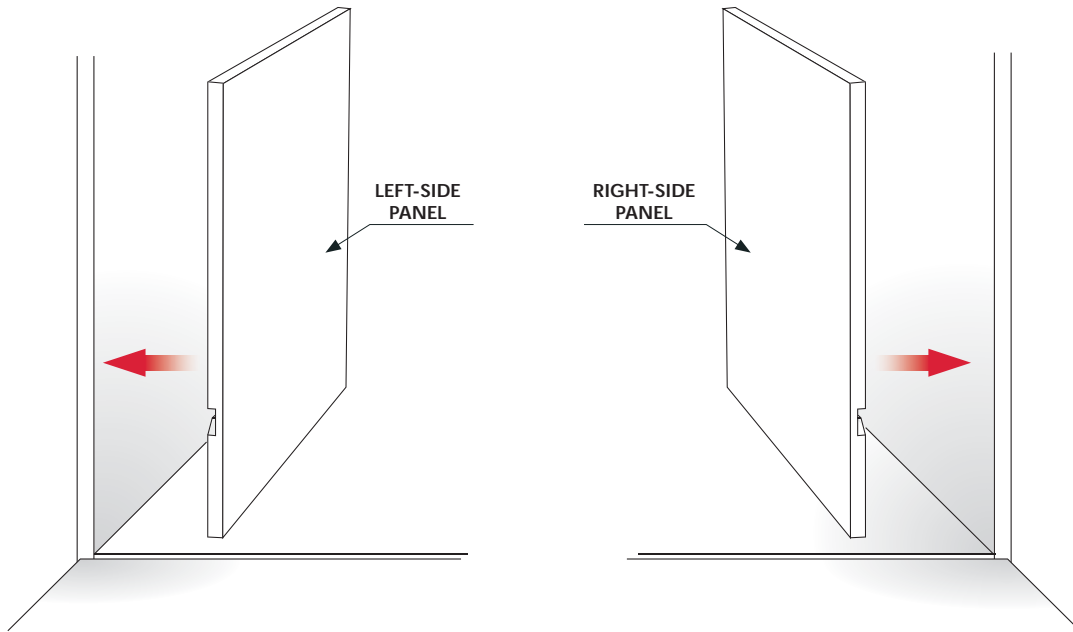


**NOTE:**

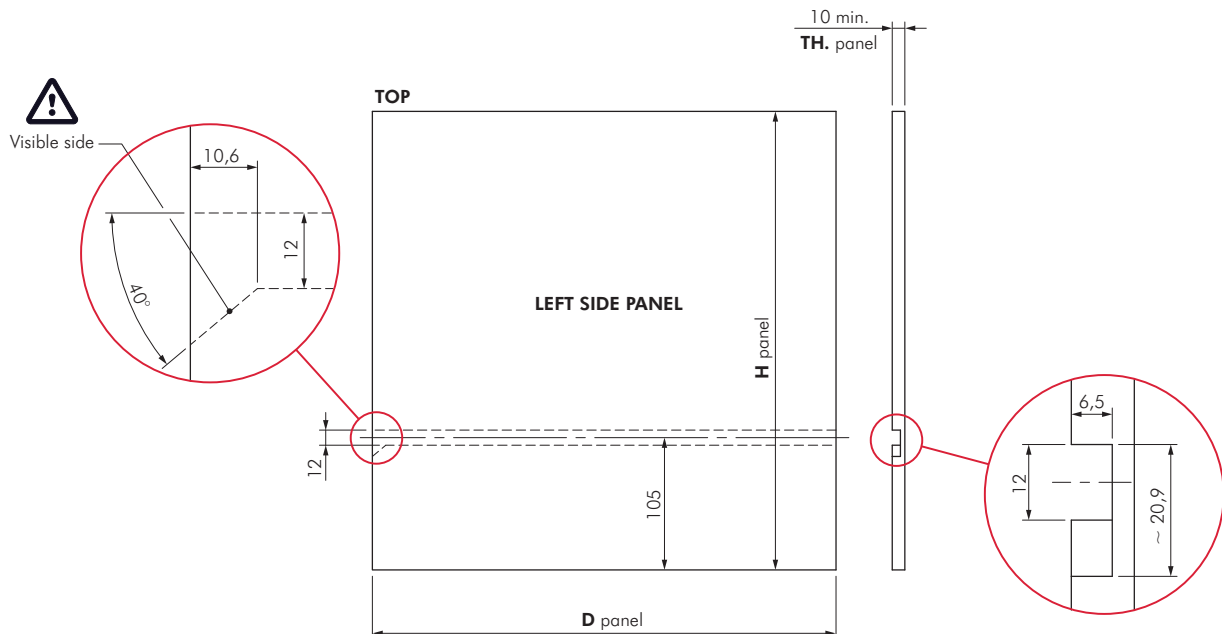
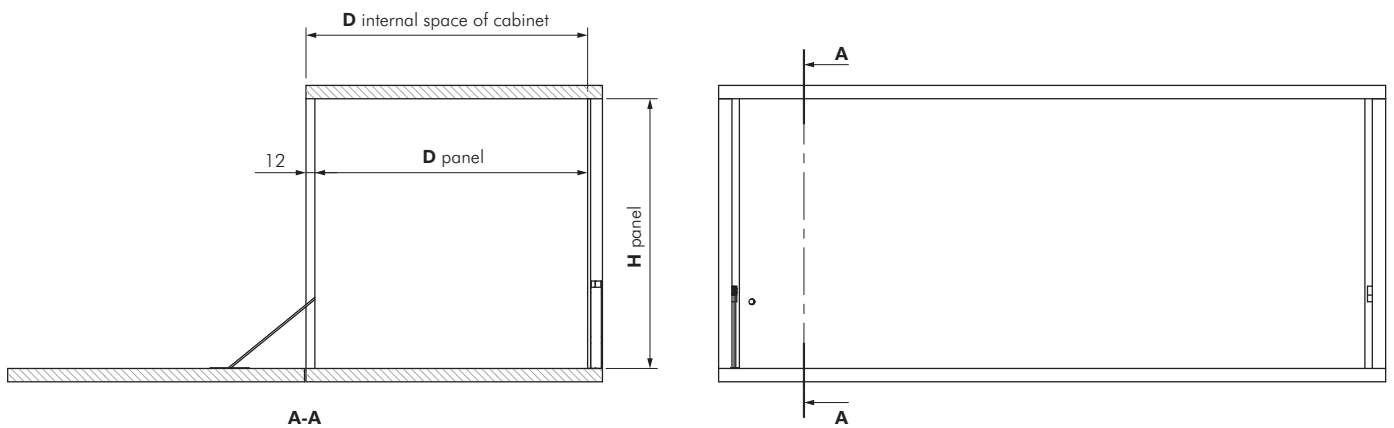
The following installation and technical drawings refer only to the cover panel for Kiaro Deck application. **For installation and drilling plans of Kiaro please refer to the dedicated brochure or catalogue section.**

INTERNAL PANEL INSTALLATION





INTERNAL PANEL DIMENSIONS AND MILLING OPERATION





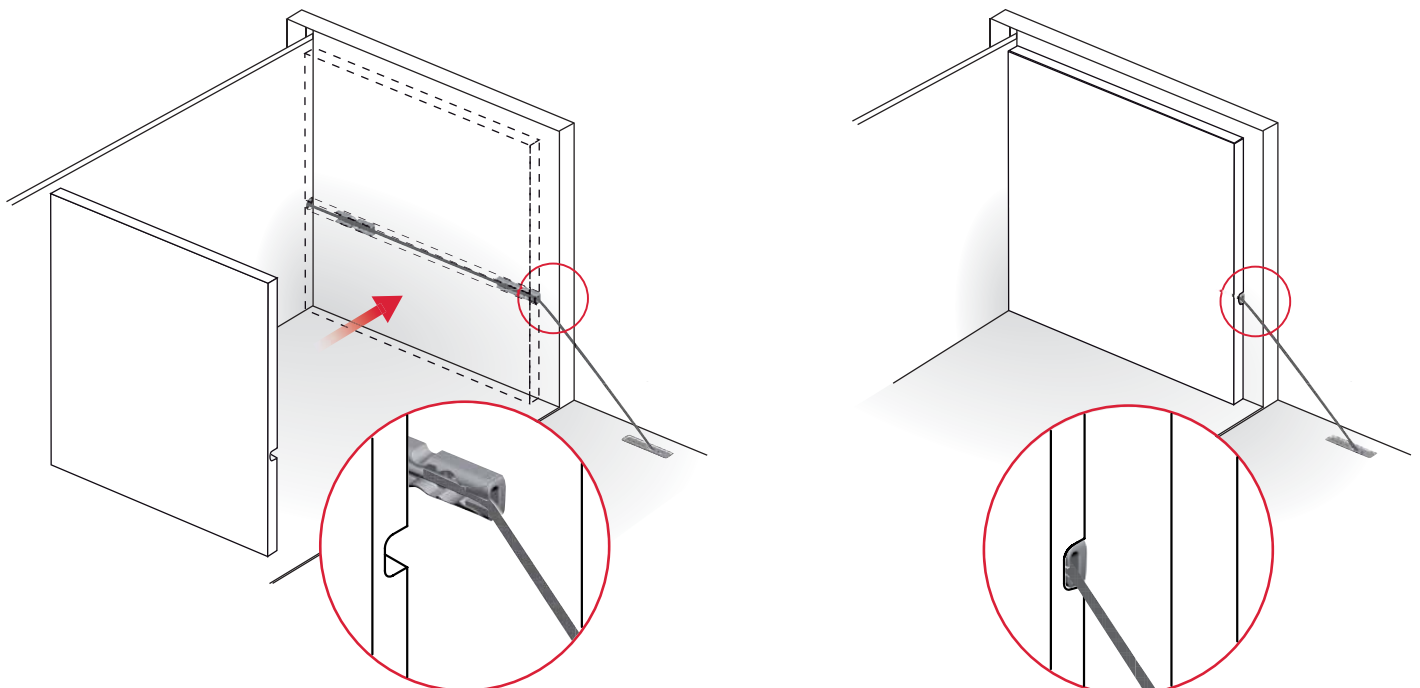
## KIARO DECK - Version 2



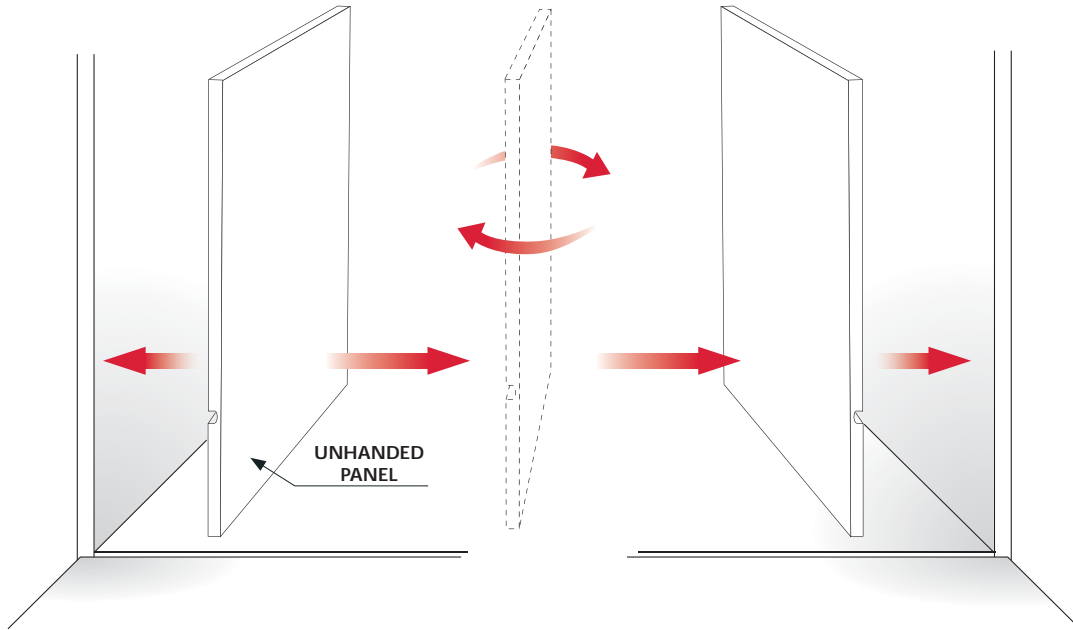
### NOTE:

The following installation and technical drawings refer only to the cover panel for Kiaro Deck application. **For installation and drilling plans of Kiaro please refer to the dedicated brochure or catalogue section.**

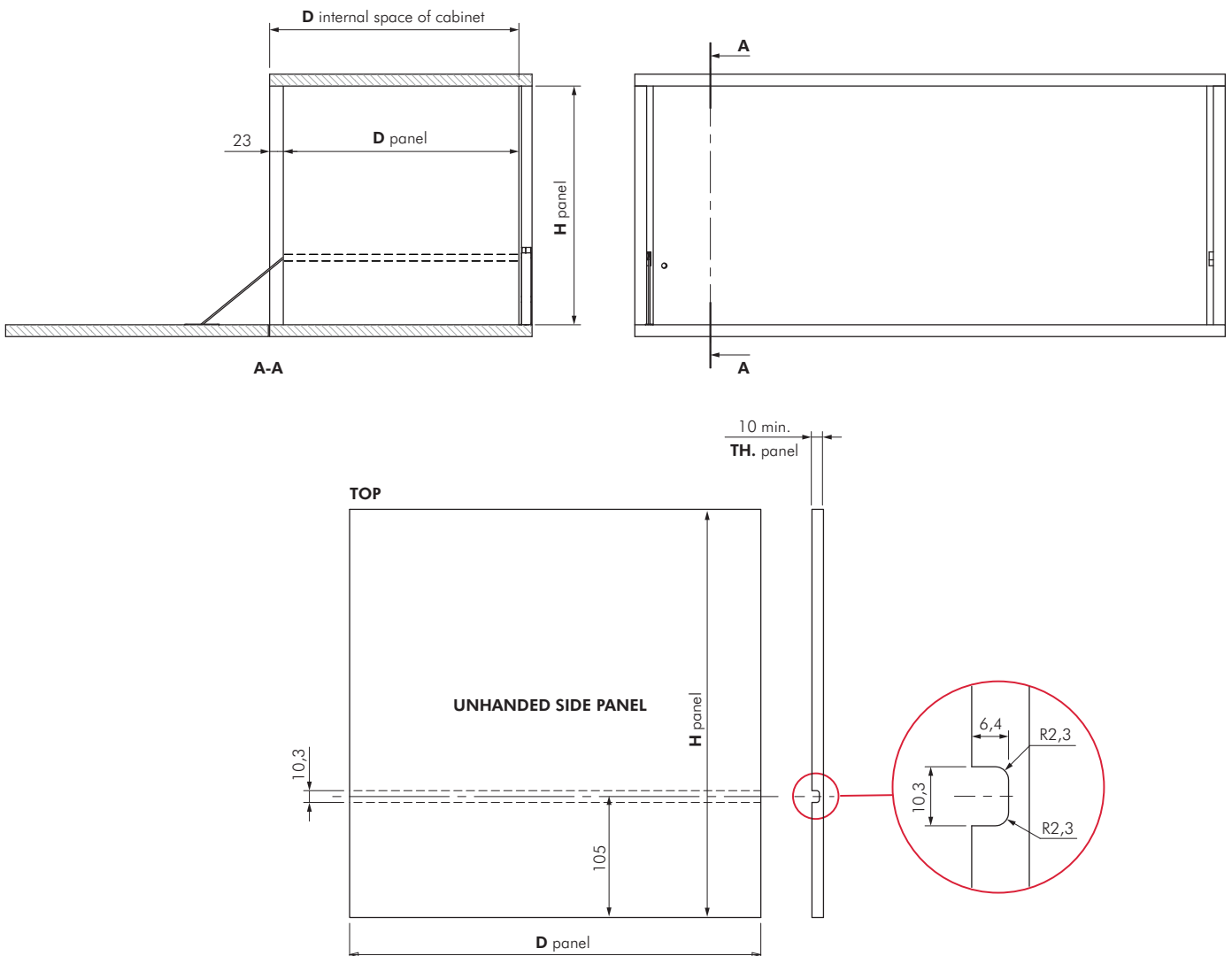
### INTERNAL PANEL INSTALLATION







INTERNAL PANEL DIMENSIONS AND MILLING OPERATION



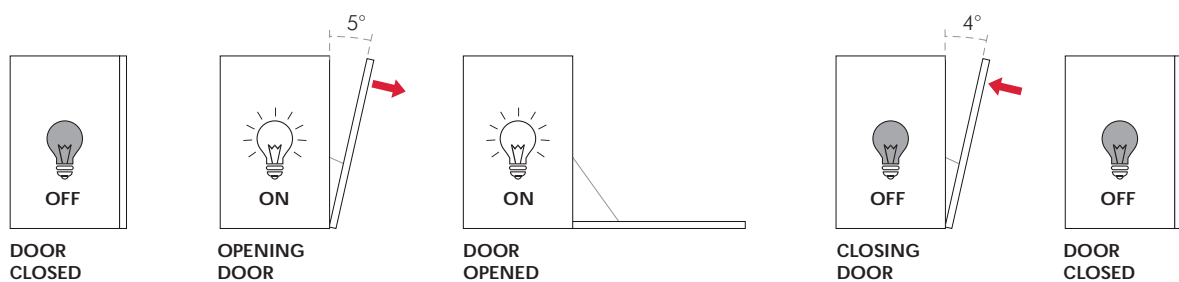
## KIARO LED



The mechanism can be supplied with an integrated device operating as an on-off switch for the internal light, coordinated with the door opening and closing, adding a homely ambiance and a touch of luxury.

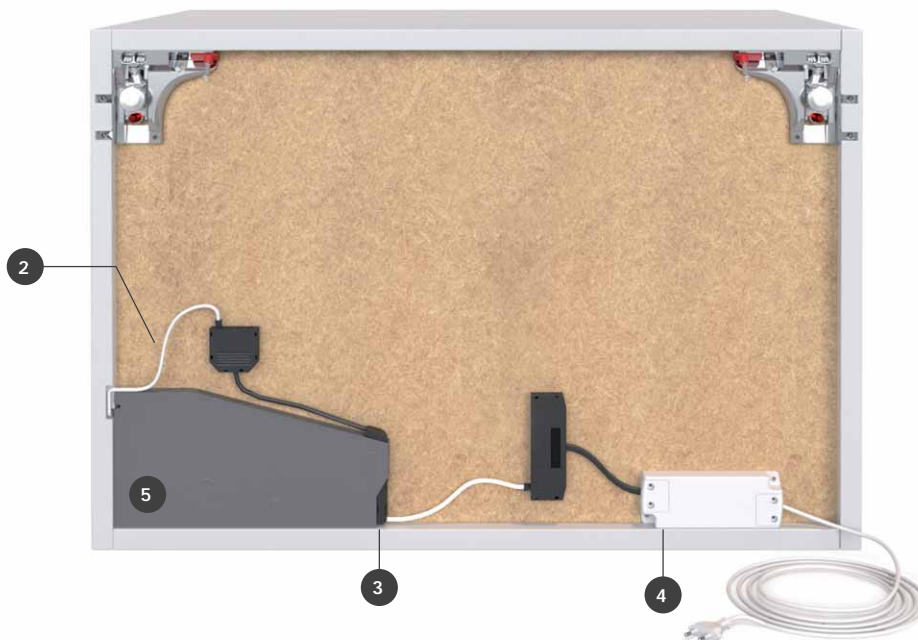
The lighting device of KIARO is to be installed on the concealed mechanism and can work either for the lateral profile with integrated LED strip or for other lighting appliances placed inside the cabinet.

Thanks to this bespoke device, it is no longer required to make special drilling operations to install visible opening detectors.





## COMPONENTS FOR APPLICATIONS WITH 1 KIARO LED



1 1 x KIARO LED ALUMINIUM PROFILE ( 1 x COVER CAPS SET

2 1 x LED FLEXIBLE STRIP

3 1 x SENSOR FOR KIARO LED

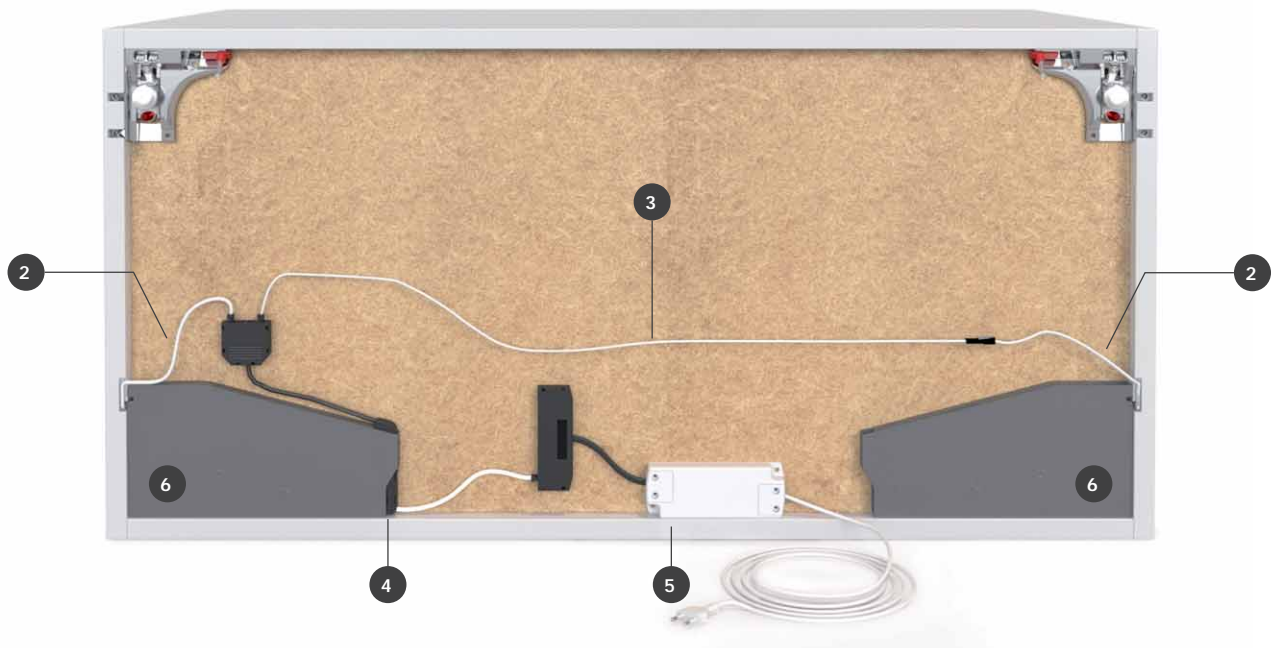
4 1 X CHARGER

5 1 X MECHANISM KIARO or KIARO S (with door brackets)



For the correct mechanism settings please refer to the dedicated section.

## COMPONENTS FOR APPLICATIONS WITH 2 KIARO LED



1 2 x KIARO LED ALUMINIUM PROFILE  
1 x COVER CAPS SET

2 2 X LED FLEXIBLE STRIP

3 1 X EXTENSION CABLE

4 1 X SENSOR FOR KIARO LED

5 1 X CHARGER

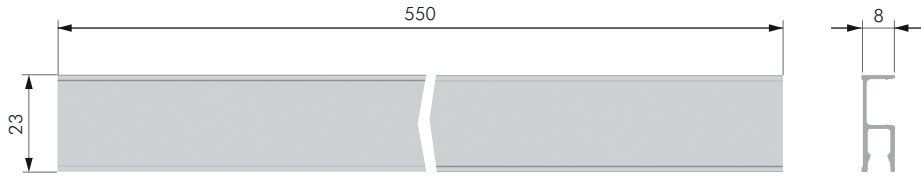
6 KIT MECHANISM KIARO or KIARO\_S (with door brackets)



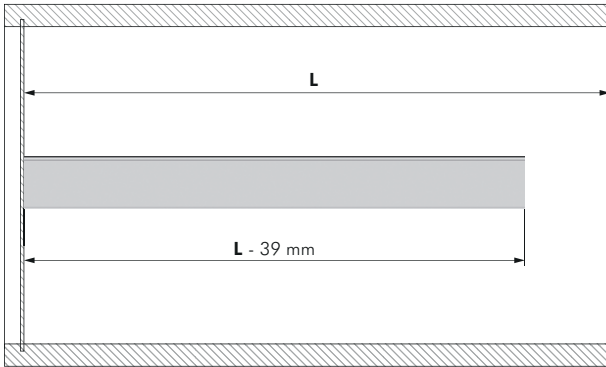
For the correct mechanism settings please refer to the dedicated section.



**KIARO LED ALUMINIUM PROFILE**



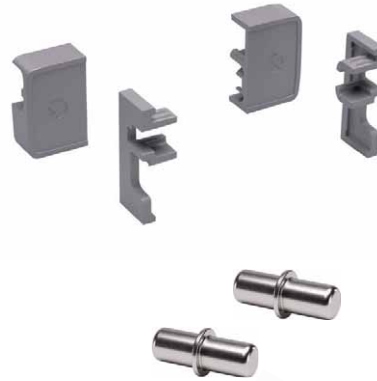
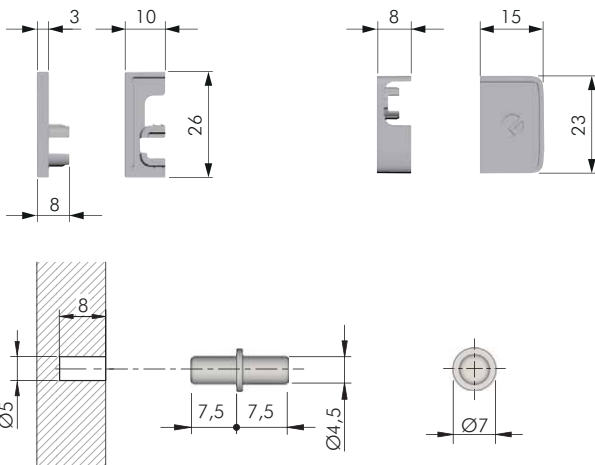
CUT TO SIZE RULE:



|                   |           |
|-------------------|-----------|
| AL                | = 12 pcs. |
|                   |           |
| <b>46505500UT</b> | <b>FV</b> |

NOTE: Possibility to supply the aluminium profile with customized length.

**COVER CAPS SET**

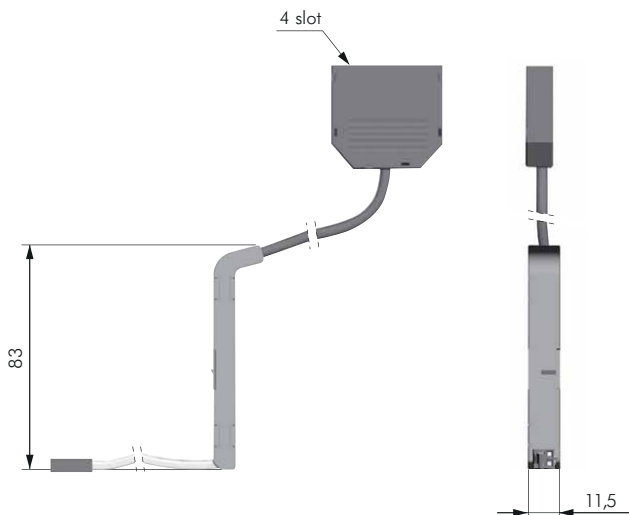


|                   |           |
|-------------------|-----------|
| EP                | = 1 pc.   |
|                   |           |
| <b>46303140EW</b> | <b>EE</b> |

NOTE: Finishes matching between cover caps and alu. profiles:

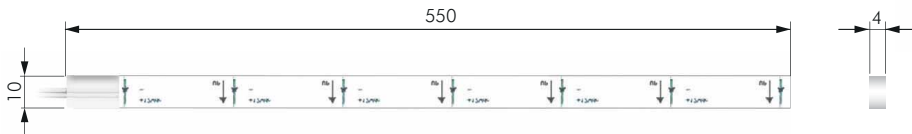
**EW** → **UT**  
**EE** → **FV**



**SENSOR FOR KIARO LED**



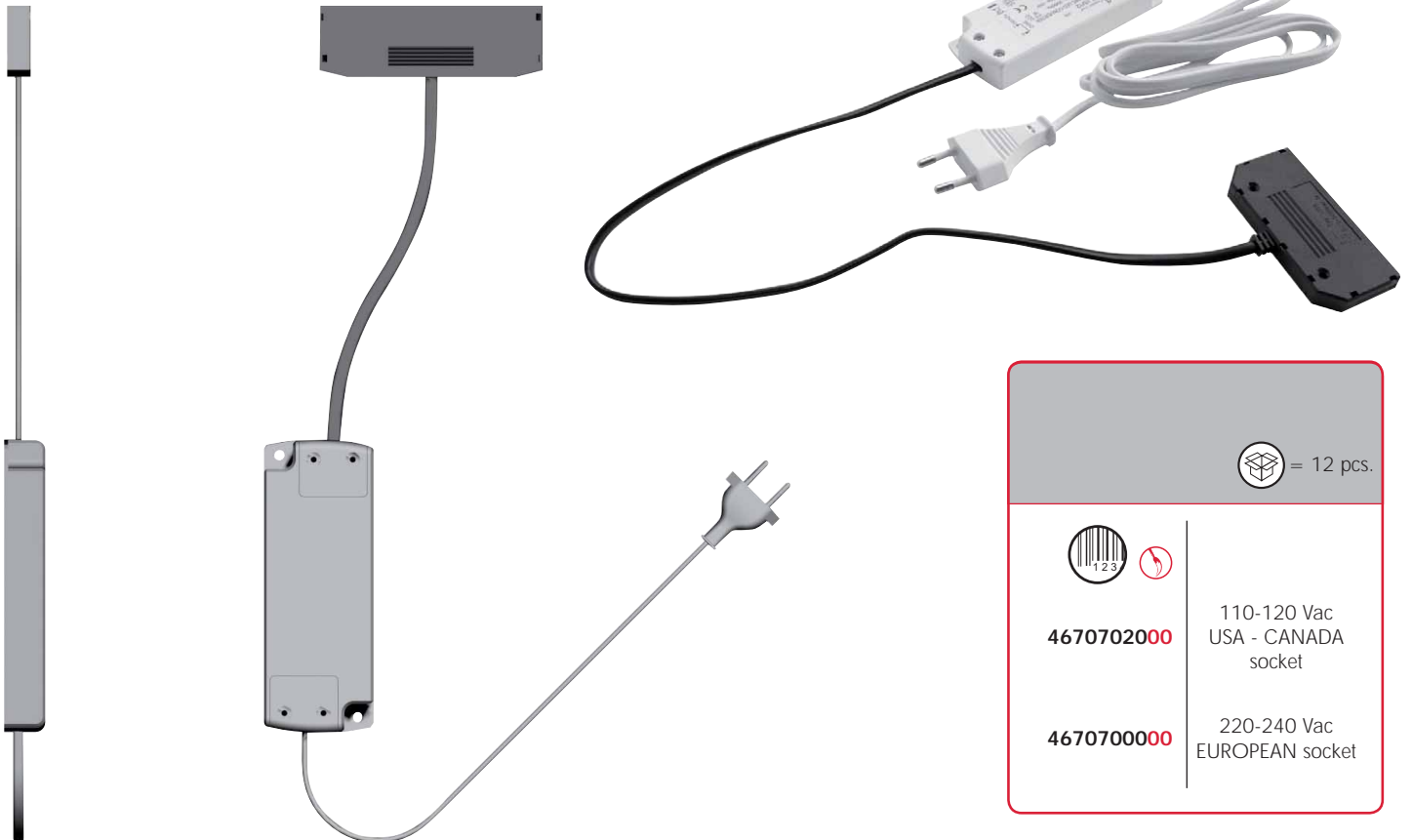
|   |           |
|---|-----------|
| Maximum output:<br>30 Watt with light 12Vdc<br>60 Watt with light 24Vdc |           |
|   | = 12 pcs. |
| <b>4670600000</b>   |           |





## LED FLEXIBLE STRIP



|   |   |
|---|---|
| = 12 pcs.   |   |
| <br>46601000AB |  LED Colour<br>temperature<br>4000 K |

## CHARGER



|   |   |
|---|---|
| = 12 pcs.   |   |
| <br>4670702000 |  110-120 Vac<br>USA - CANADA<br>socket |
| <br>4670700000 |  220-240 Vac<br>EUROPEAN socket        |



**EXTENSION CABLE**



Length: 2000 mm

= 12 pcs.



4670601000

**CUSTOMER LIGHTING CONNECTORS**



Length: 150 mm  
Male connector

= 12 pcs.



4670602000



Length: 150 mm  
Female connector

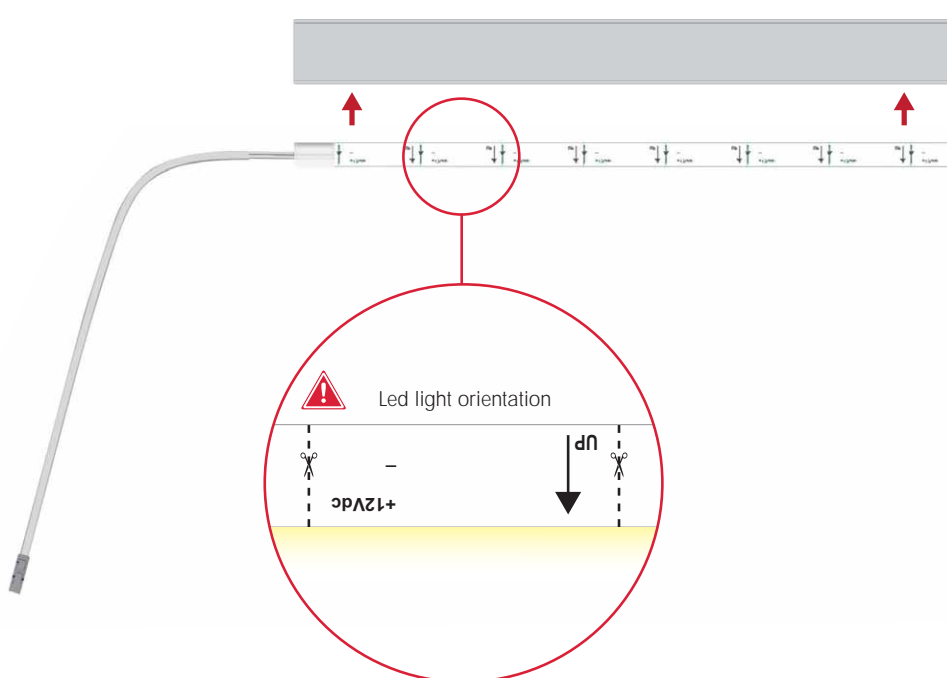
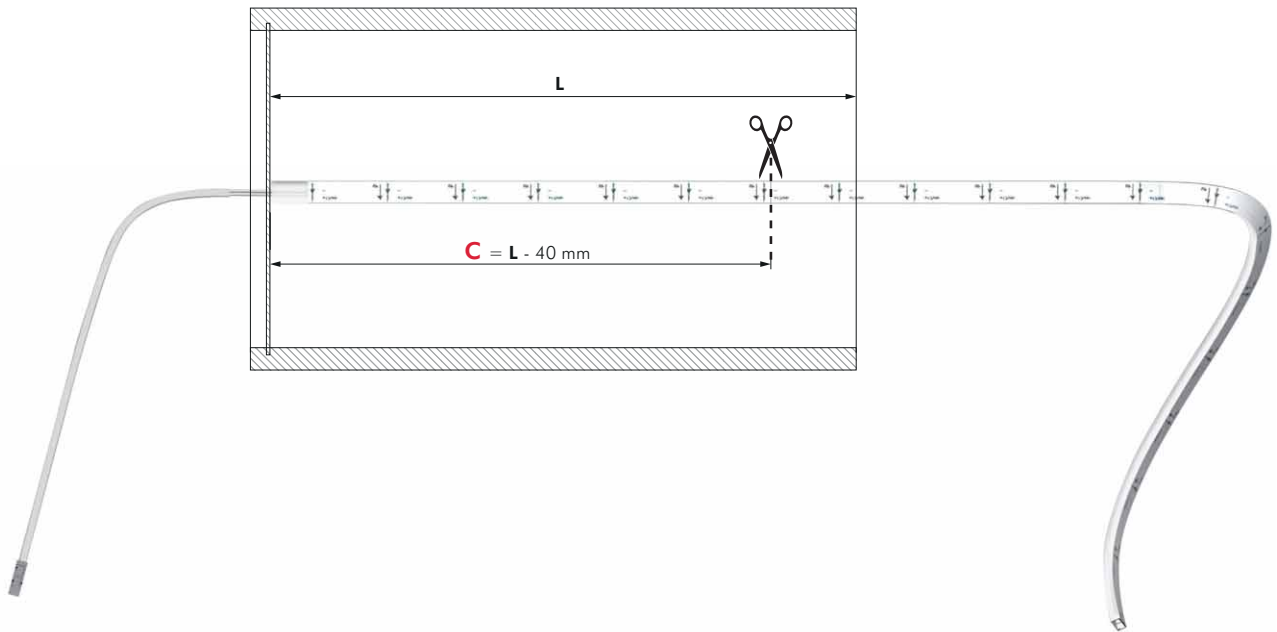
= 12 pcs.



4670603000

## KIARO LED INSTALLATION

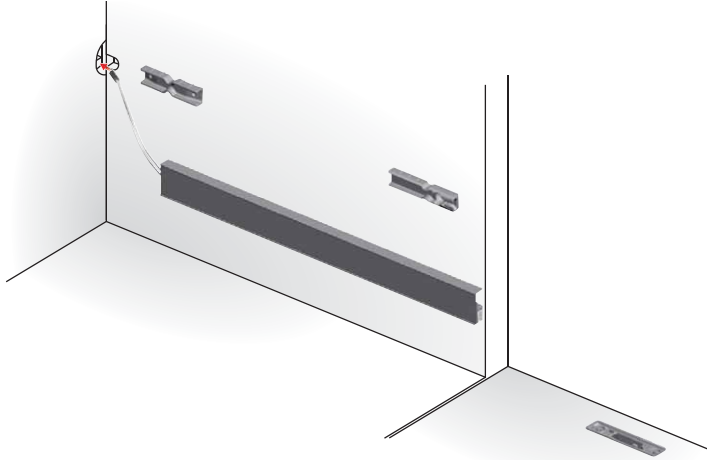
HOW TO CUT ON SIZE AND INSTALL THE LED FLEXIBLE STRIP.



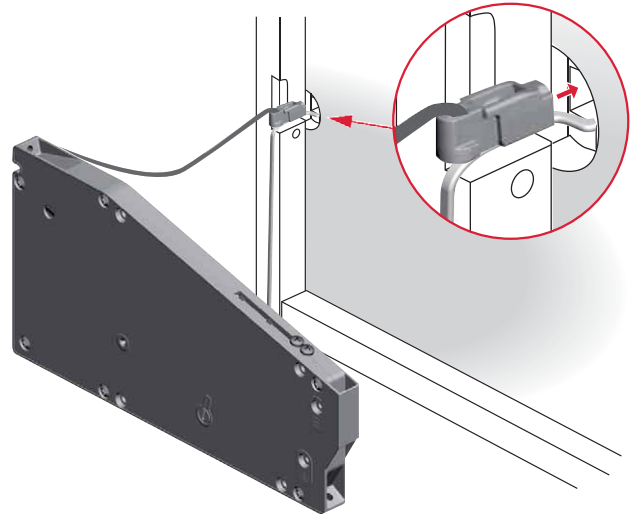




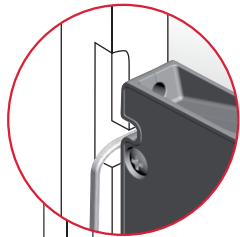
**LED STRIP ELECTRICAL WIRE INSERTION THROUGH THE BACKSIDE HOLE**



**MECHANISM INSTALLATION**

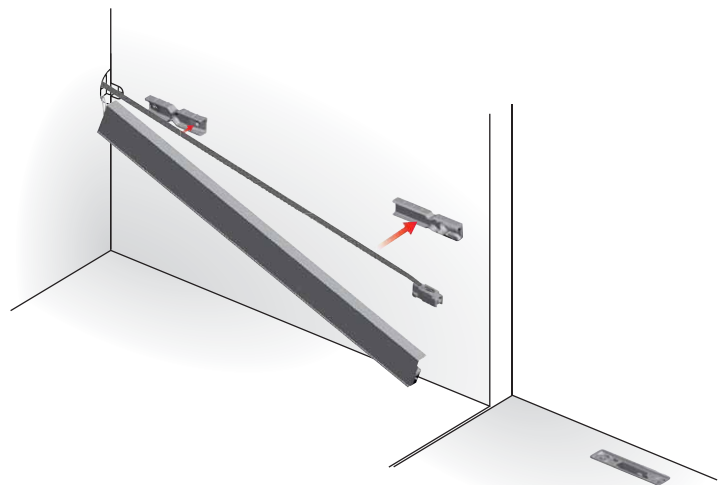


**MECHANISM FIXING**

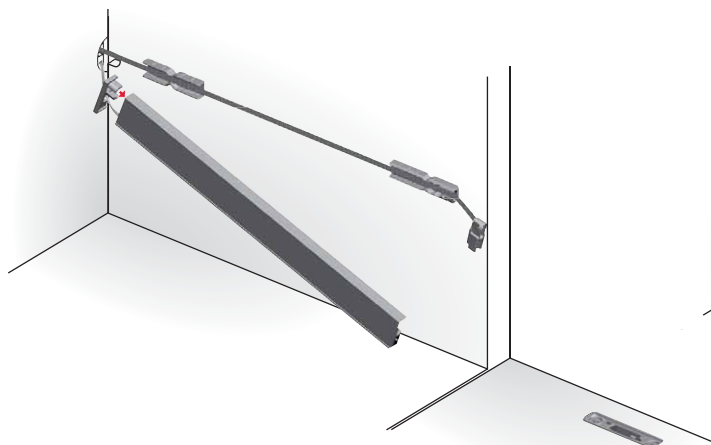


Pull the power cable of the led strip through the drilling spot on the cabinet side, before fixing the main mechanism.

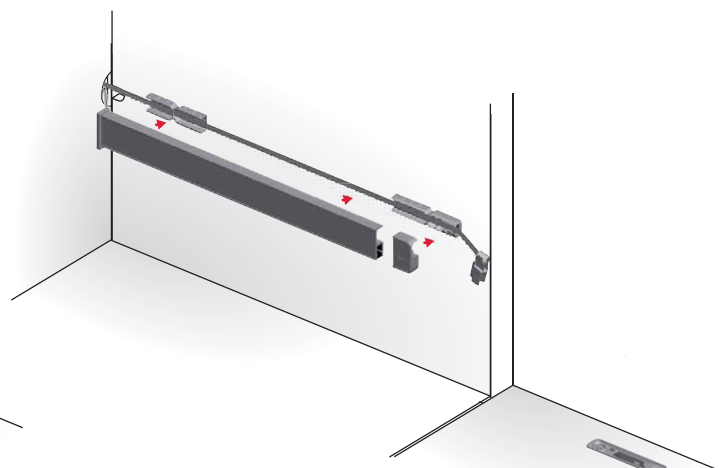
**WIRE INSTALLATION**

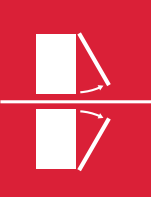


**INSERTION OF THE BACKSIDE COVER FOR ALU. PROFILE**

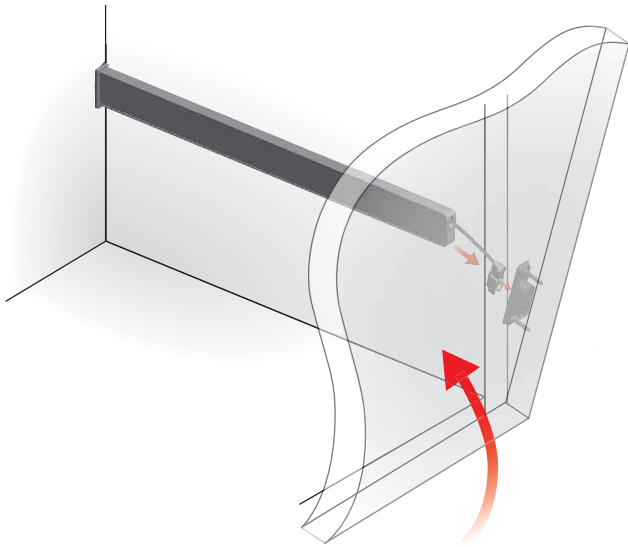


**COVER CAPS AND ALUMINIUM LATERAL PROFILE INSERTION**

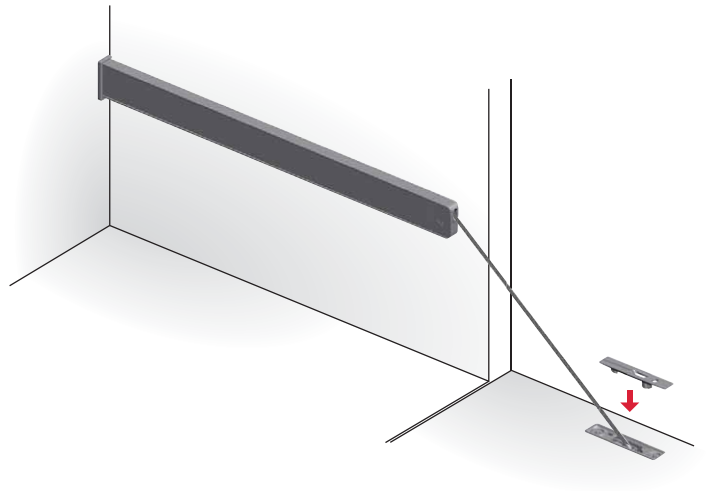




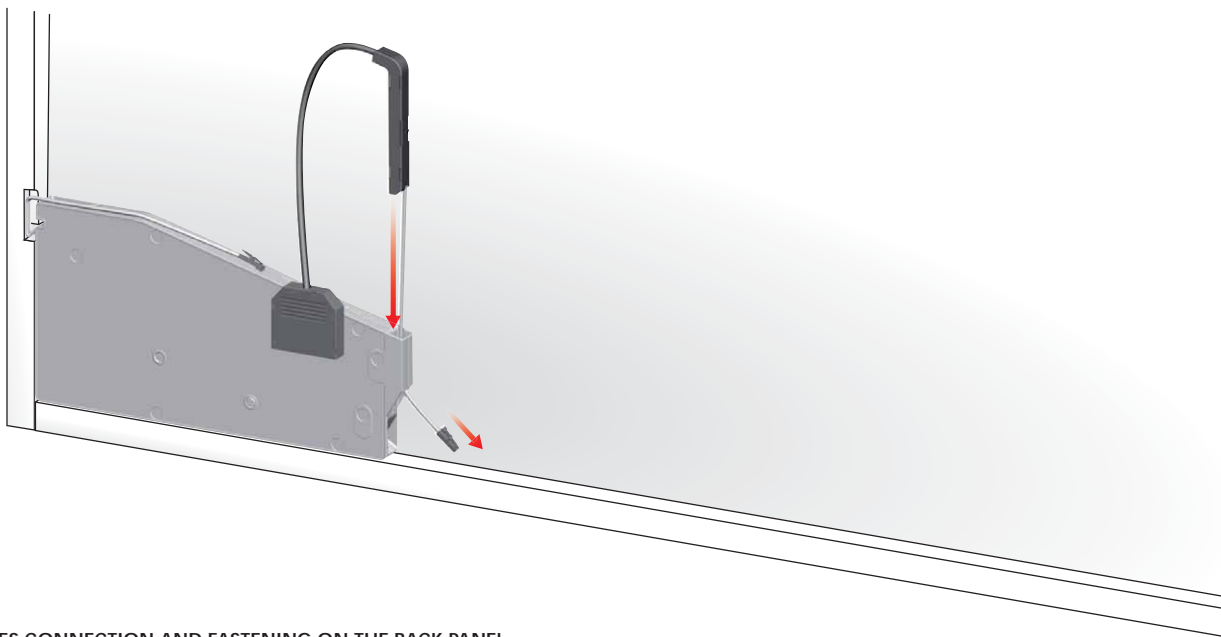
### WIRE INSERTION ONTO THE DOOR BRACKET



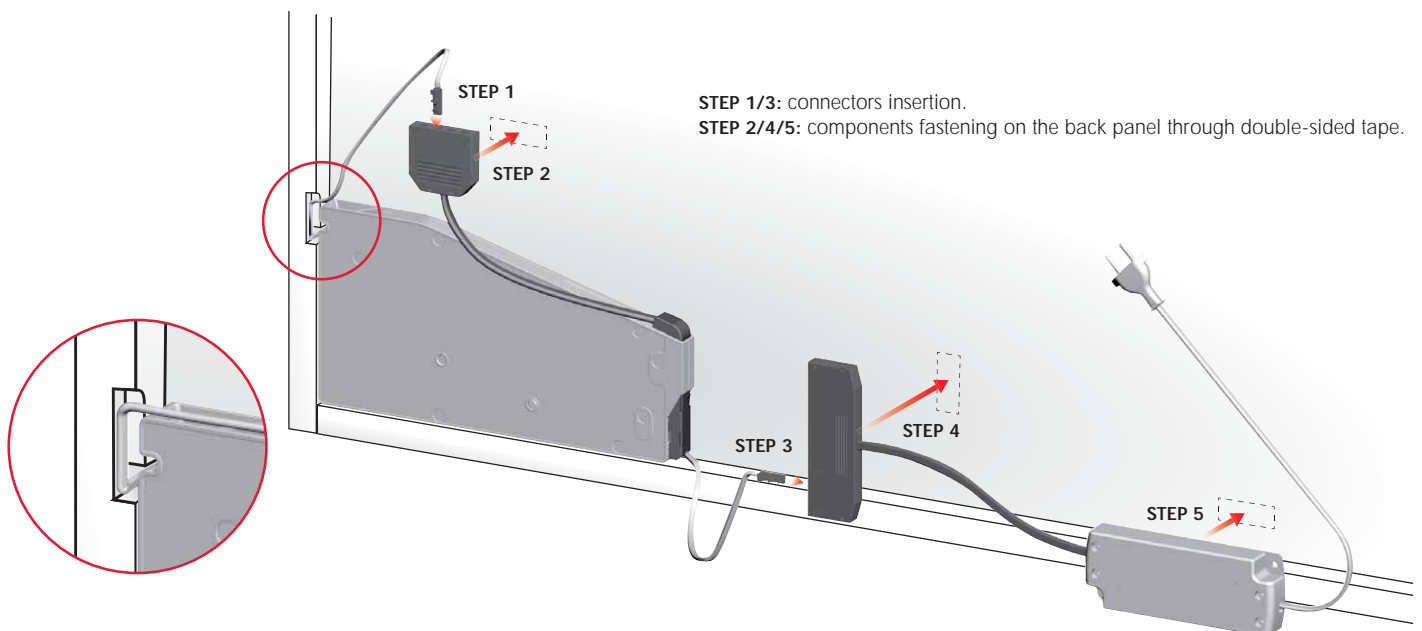
### COVER CAP FOR DOOR BRACKET INSERTION



### SENSOR INSTALLATION

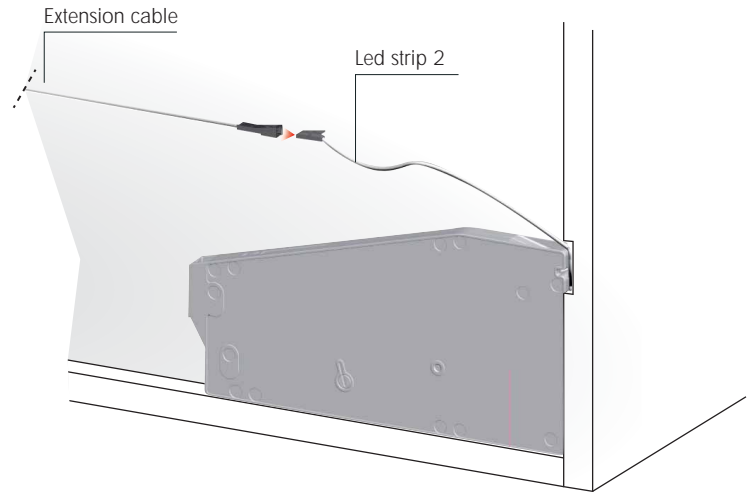
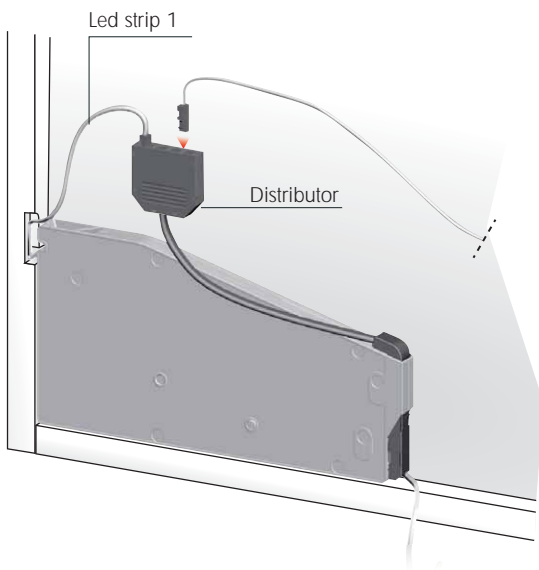


### DEVICES CONNECTION AND FASTENING ON THE BACK PANEL.

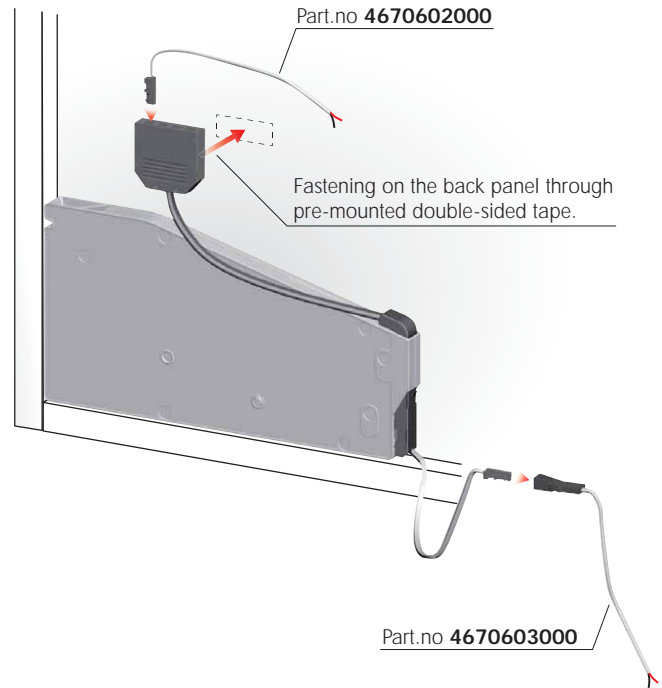
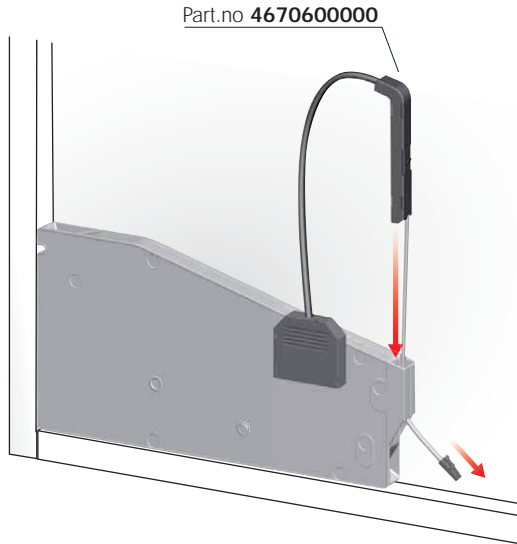




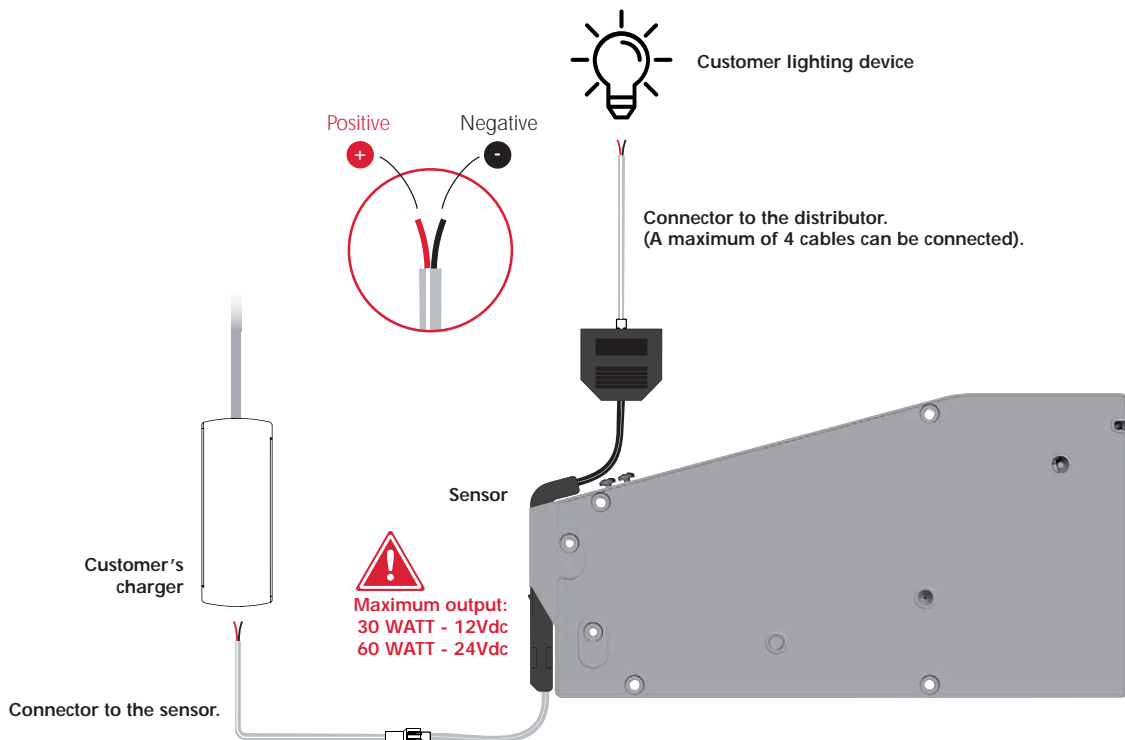
EXTENSION CABLE CONNECTION WITH LED STRIP CONNECTORS



## KIARO WIRING DIAGRAM FOR CUSTOMER LIGHTING



Each door must be connected to only one sensor, no matter how many mechanism are installed.



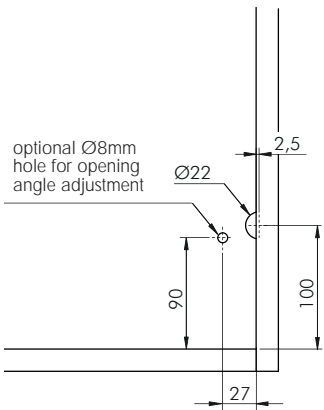


**KIARO LED WITH KIMANA HINGE**



**BACK-PANEL DRILLING OPERATIONS**

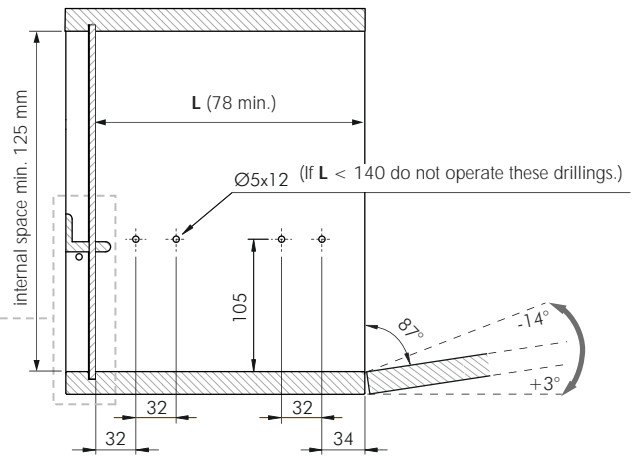
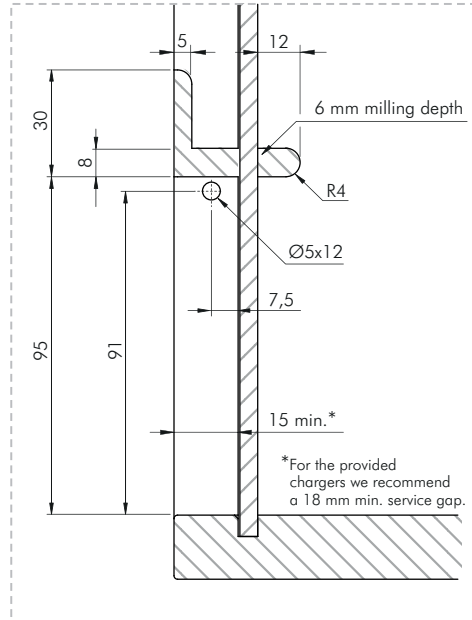
**SIDE-PANEL DRILLING OPERATIONS**



optional Ø8mm hole for opening angle adjustment

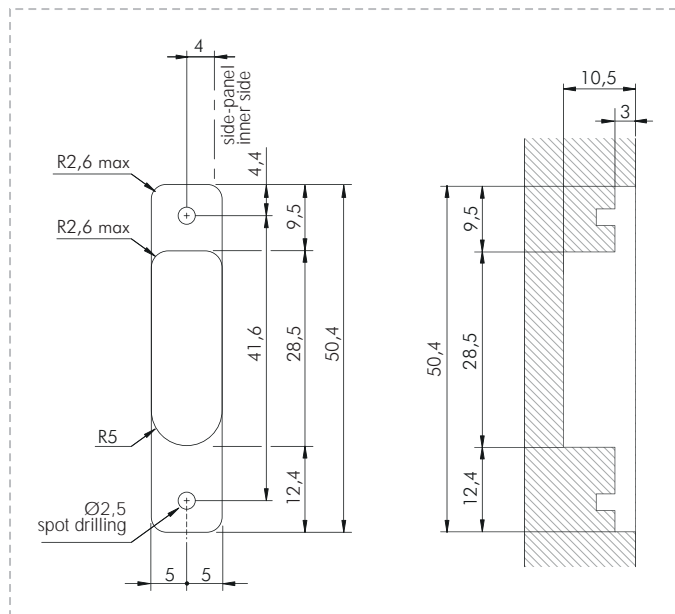
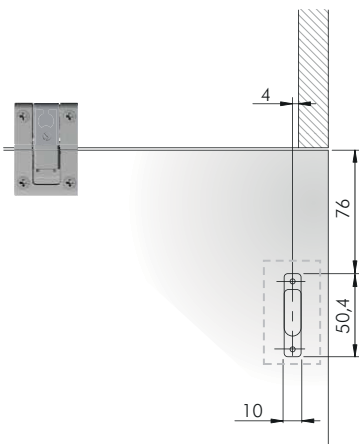


In case of door without handles it is recommended to use **K Push Tech with buffer**.



**⚠** Overcrossing 90° door opening angle, negatively affects the Kimana hinges.

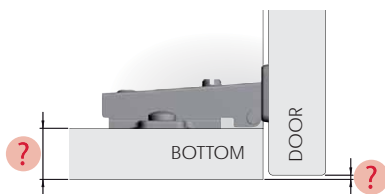
**DOOR PANEL DRILLING OPERATIONS**



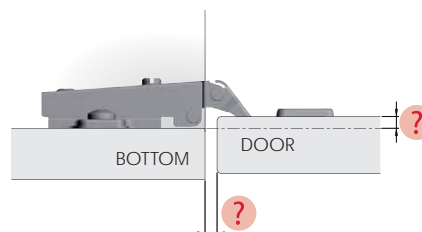
**KIARO LED WITH STANDARD UNSPRUNG HINGES**



In case the hinges to be installed are not KIMANA hinges, please contact our technical department to receive the correct drilling plan. It is necessary to indicate all the values requested in the following diagram:

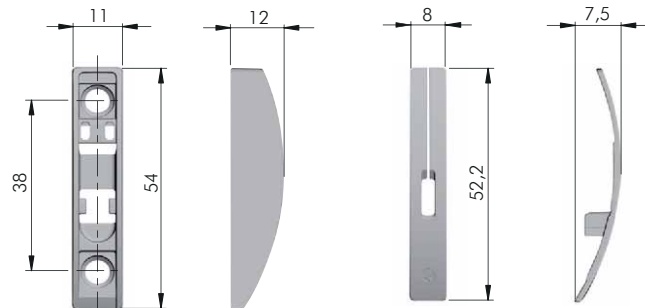
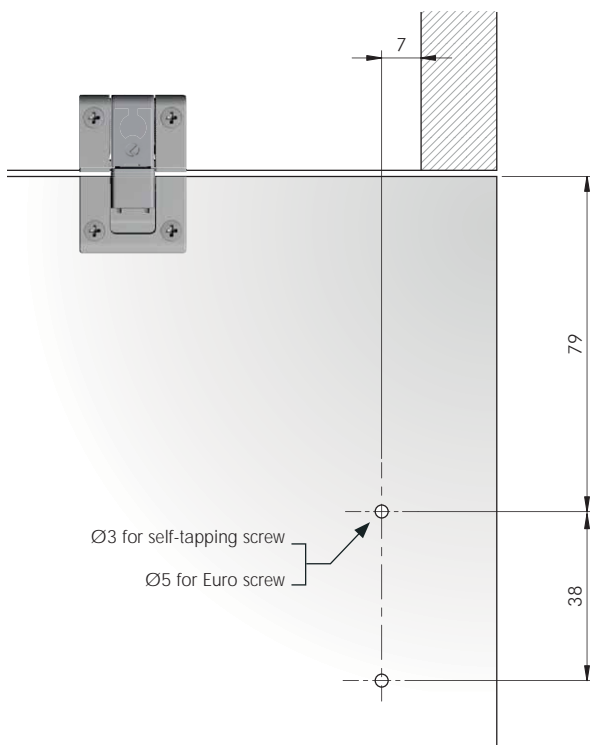


CLOSING CONDITION



OPENING CONDITION

KIARO WITH SCREW FIXING DOOR BRACKET WITHOUT MILLING ON THE DOOR



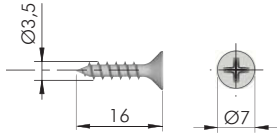
= Ø 3 mm, Ø 5 mm

= 20 pcs.

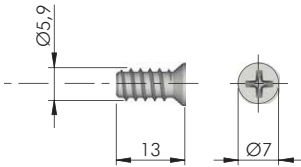
|            |    |    |    |
|------------|----|----|----|
|            |    |    |    |
| 49503500YQ | EE | YQ | YQ |
| 49503500YA | EW | YA | YA |
| 49503510YQ | LD | YQ | YQ |
| 49503510YA | AB | YA | YA |



**FIXING ACCESSORIES**



|                   |               |
|-------------------|---------------|
| = Ø 3 mm          | +             |
| = PZ2             |               |
| ST                | = 10.000 pcs. |
| 123               |               |
| <b>60101390ZN</b> |               |

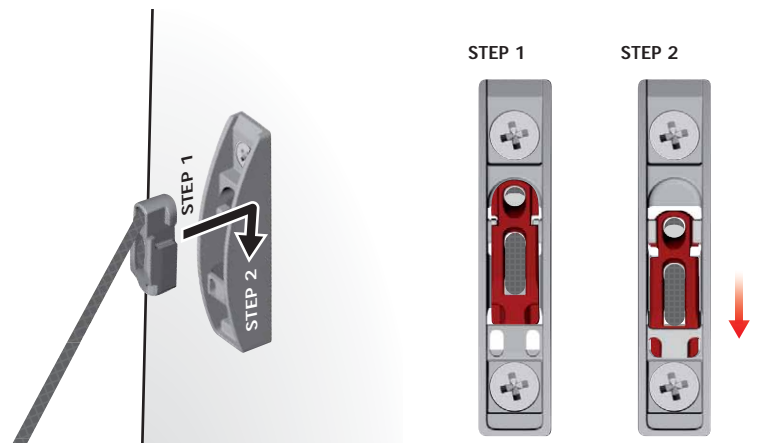


|                   |             |
|-------------------|-------------|
| = Ø 5 mm          | +           |
| = PZ2             |             |
| ST                | = 5000 pcs. |
| 123               |             |
| <b>60503050ZN</b> |             |

**DOOR BRACKET INSTALLATION**

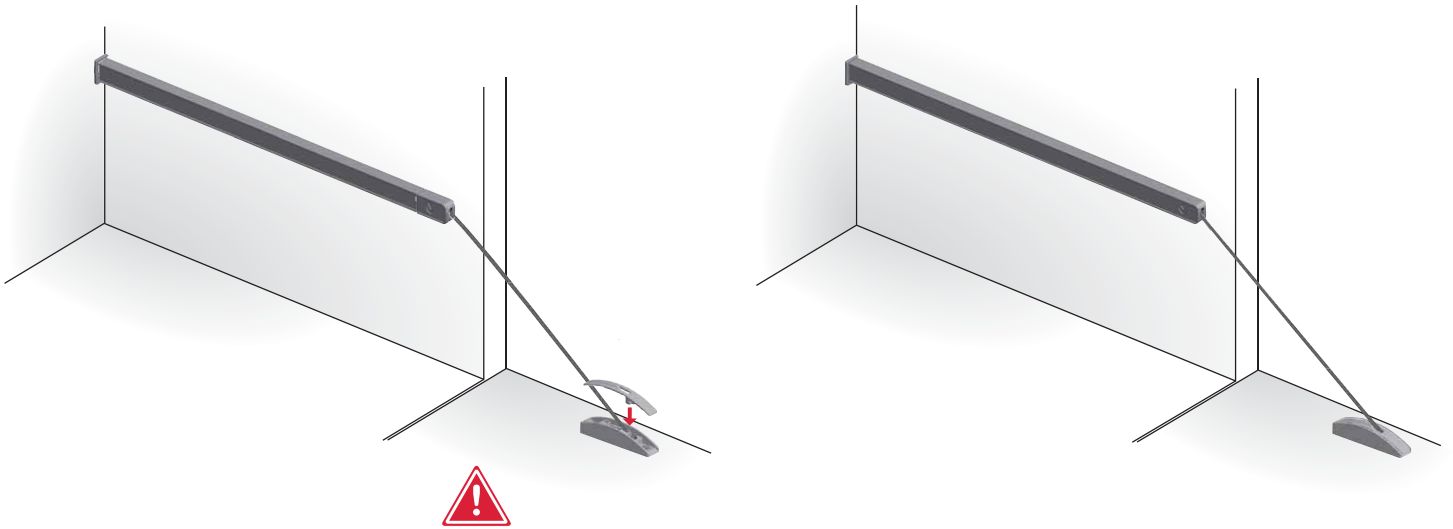


**WIRE INSERTION ONTO THE DOOR BRACKET**



Lift the door almost completely to slot the end element of the wire into the door bracket.

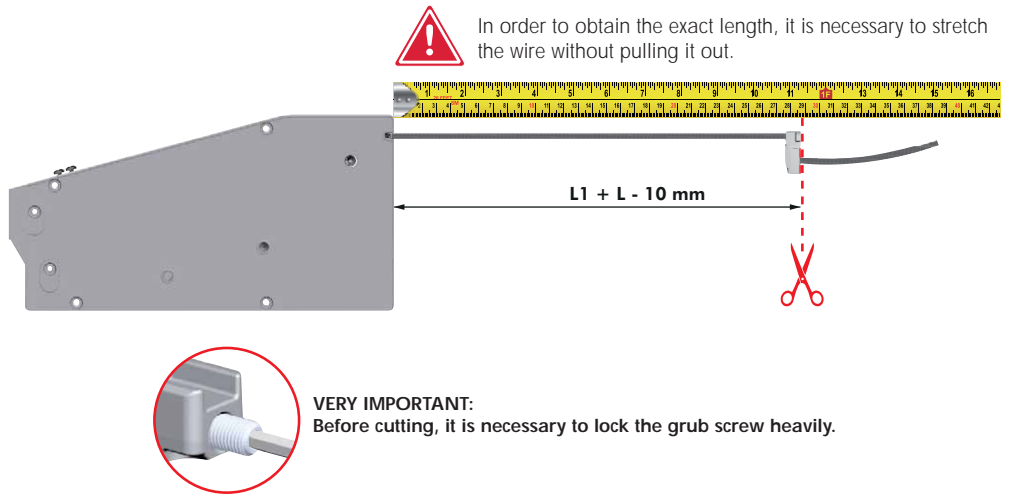
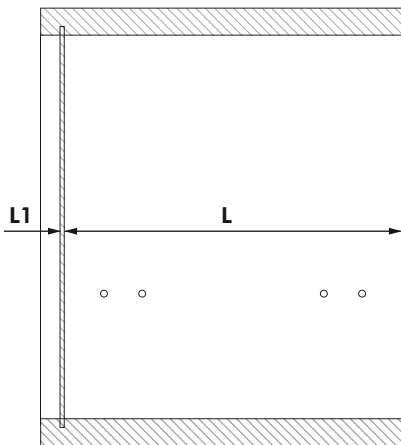
DOOR BRACKETS COVER CAP INSERTION



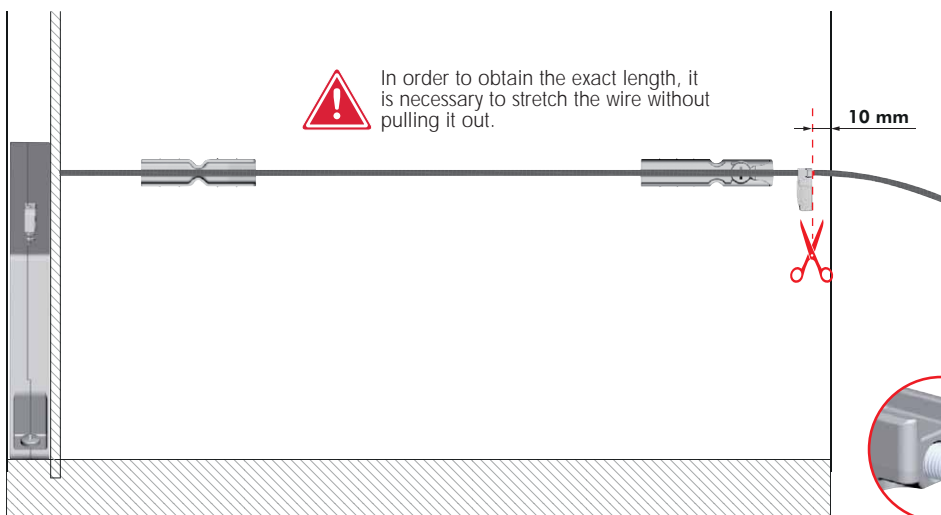
Place the cover cap on the door bracket before lifting the door.

INSTRUCTIONS FOR WIRE CUTTING

WIRE CUTTING WITH UNMOUNTED MECHANISM



WIRE CUTTING WITH MOUNTED MECHANISM



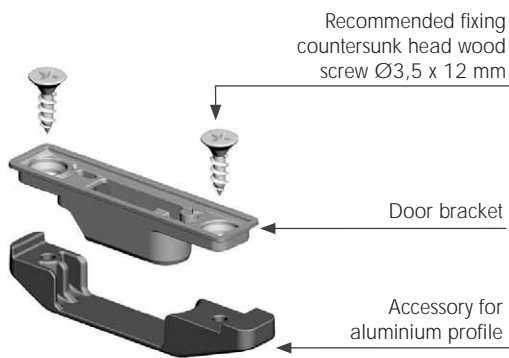




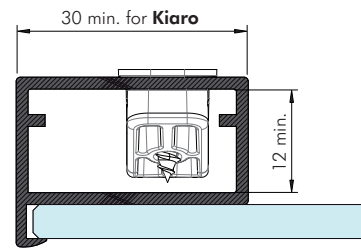
**DOOR BRACKET ACCESSORY FOR DOORS WITH ALUMINIUM PROFILE**



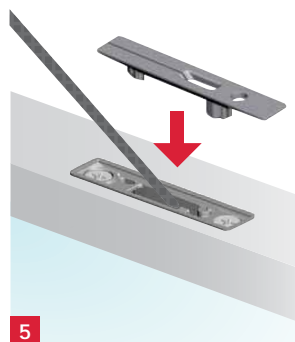
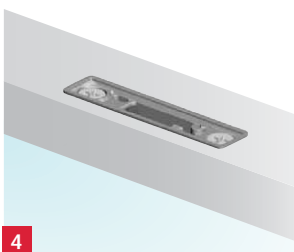
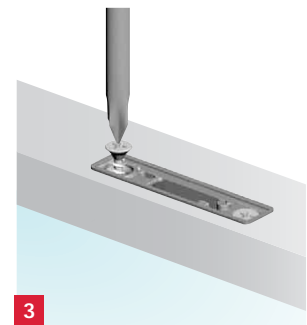
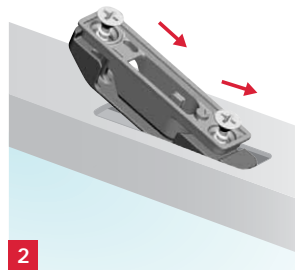
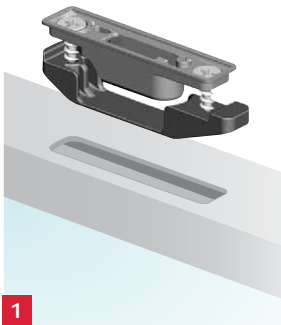
**DOOR BRACKET INSTALLATION**

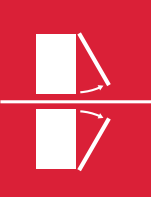


**DOOR SPECIFICATION**



Join the door bracket with  
the accessory keeping the  
screws loose

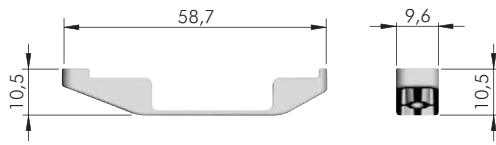




OPENING  
SYSTEMS FOR  
FLAP AND  
DROP DOWN  
DOORS

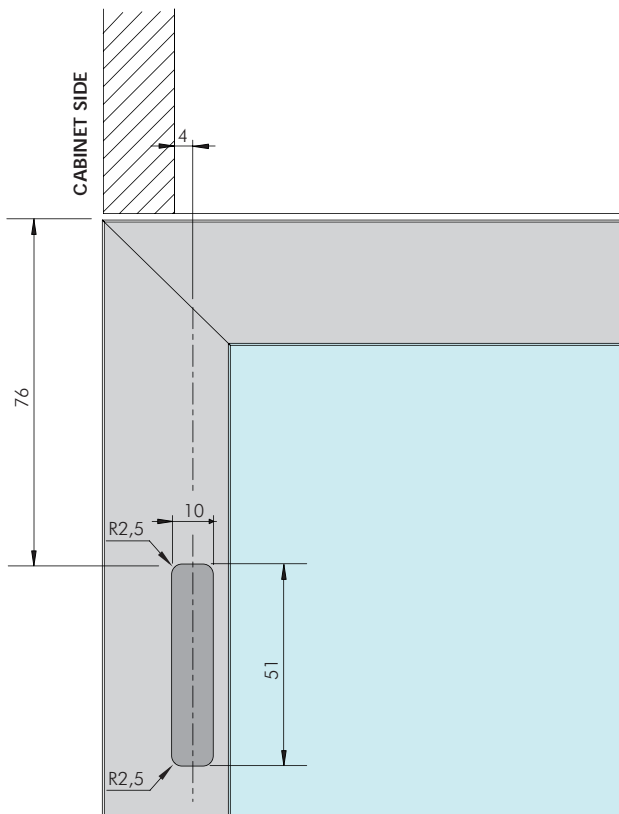
# KIARO

**ITALIANA**  
ferramenta

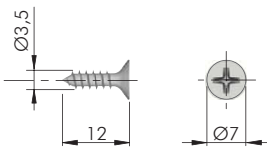


|                   |             |
|-------------------|-------------|
| EP                | = 1500 pcs. |
|                   |             |
| <b>4630208000</b> |             |

## DRILLING PLAN FOR KIARO

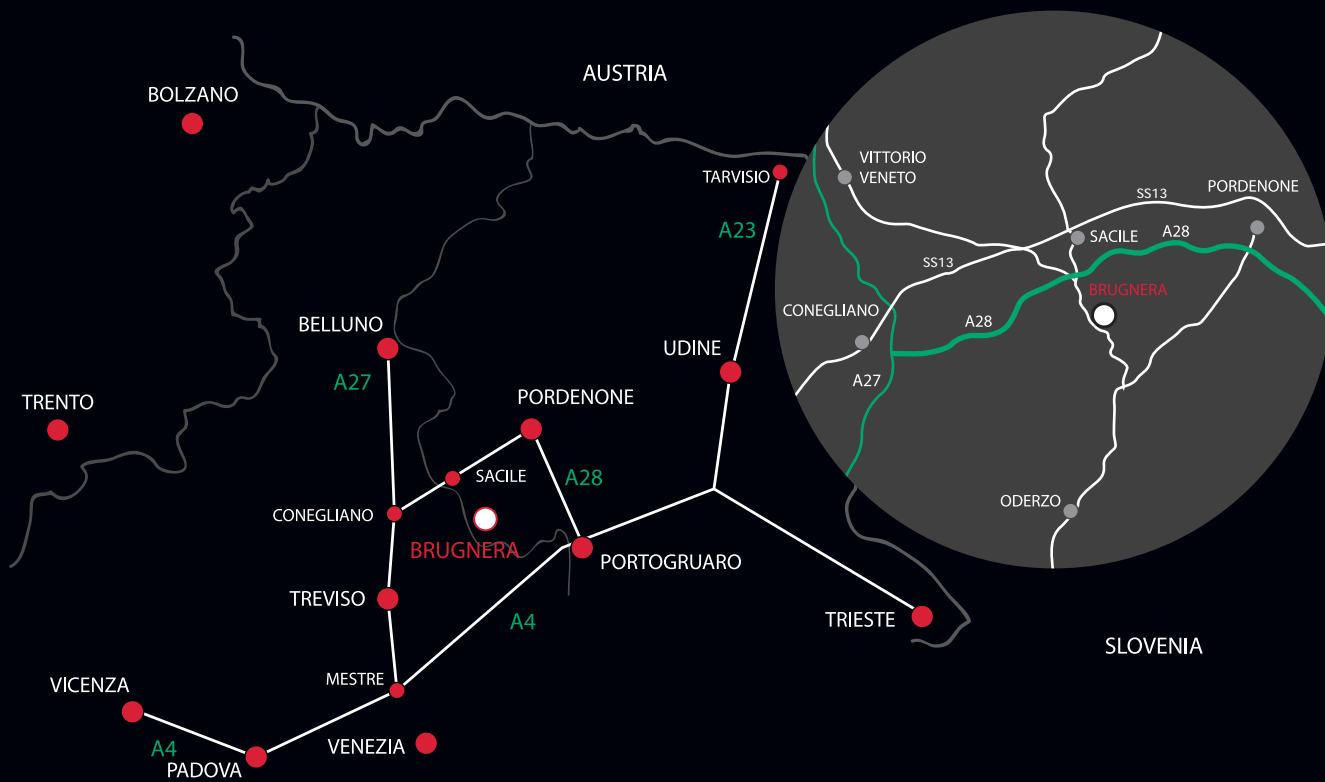


## FIXING ACCESSORY



|                   |               |
|-------------------|---------------|
| = Ø 3 mm          |               |
| = PZ2             |               |
| ST                | = 10.000 pcs. |
|                   |               |
| <b>60101380ZN</b> |               |





[www.italianaferramenta.it](http://www.italianaferramenta.it)