



# Kiaro

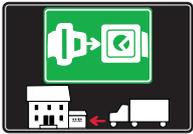
OPENING  
SYSTEMS  
FOR LIFT  
UP AND  
DROP  
DOWN  
DOORS





# 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.

### 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.

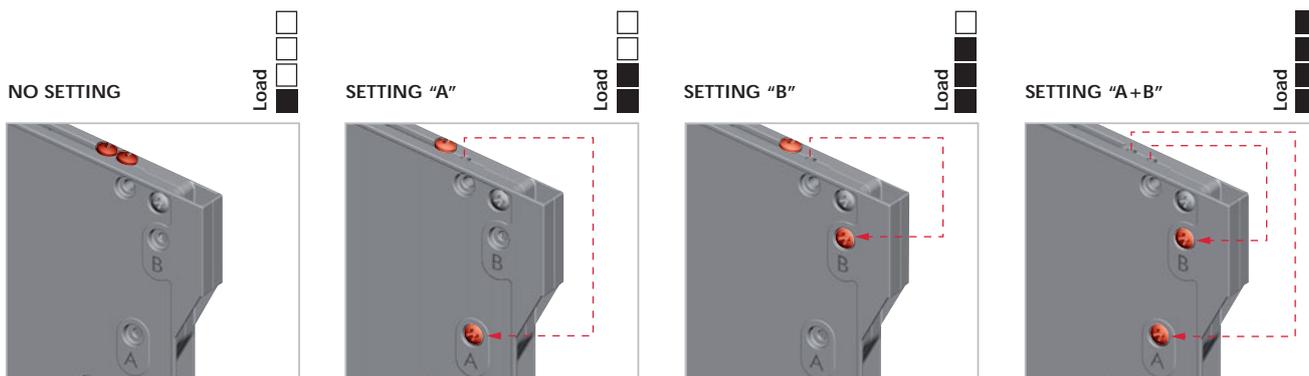
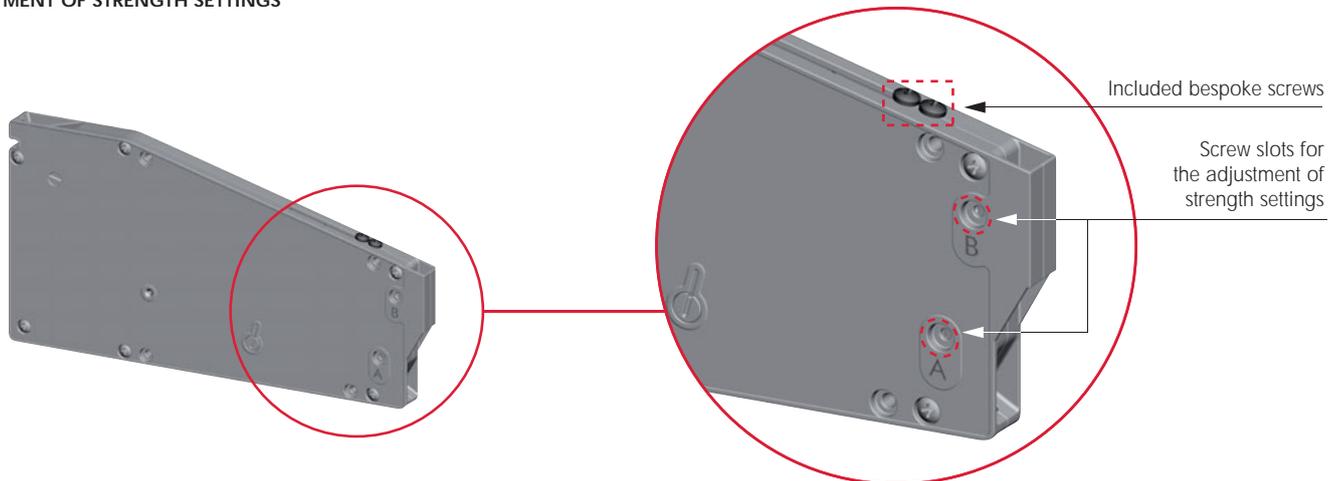
**WIDE ADJUSTMENT:** The mechanism allows a wide adjustment of the opening angle.



PAT. PENDING

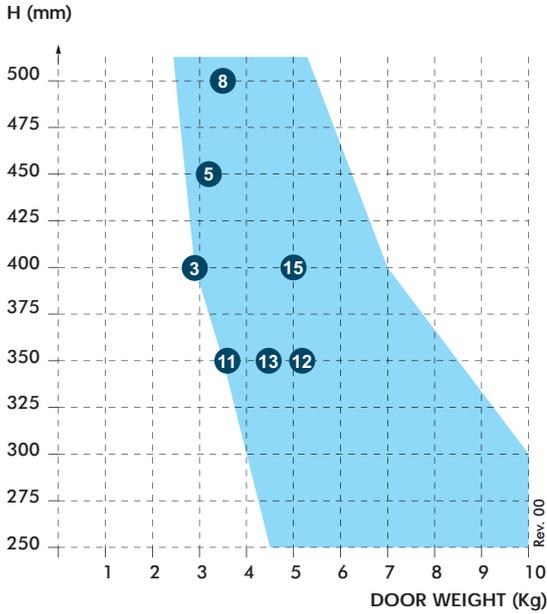


### ADJUSTMENT OF STRENGTH SETTINGS

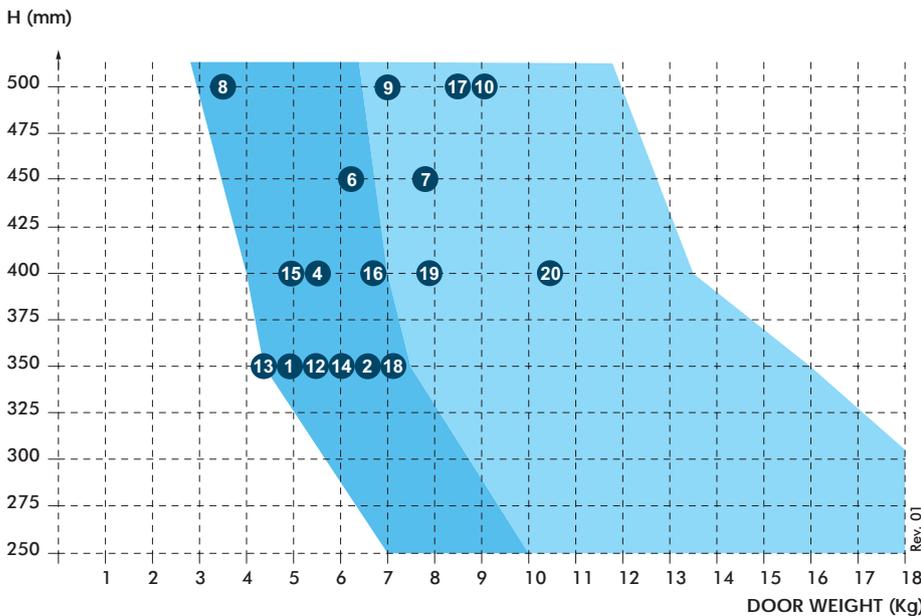




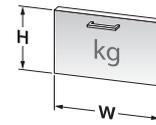
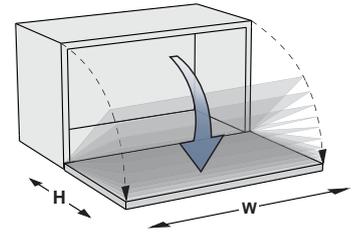
**SOFT OPENING**



1 mechanism  
**KIARO**



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



Door weight including the possible handle.

	H	W	Weight
	mm	mm	theoretical
1	350	1200	4,9 kg
2	350	1500	6,5 kg
3	400	600	2,9 kg
4	400	1200	5,8 kg
5	450	600	3,2 kg
6	450	1200	6,3 kg
7	450	1500	7,9 kg
8	500	600	3,5 kg
9	500	1200	7,0 kg
10	500	1500	9,1 kg
11	350	600	3,5 kg
12	350	900	5,2 kg
13	350	900	4,4 kg
14	350	1200	6,0 kg
15	400	900	5,0 kg
16	400	1200	6,8 kg
17	500	1200	8,5 kg
18	350	900	7,2 kg
19	400	900	7,9 kg
20	400	1200	10,4 kg

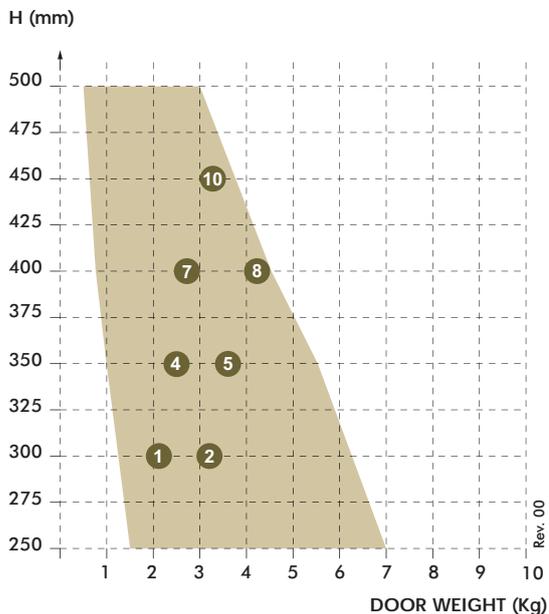
Weight considering: Chipboard 650 Kg/m<sup>3</sup> and MDF 780 Kg/m<sup>3</sup>.

These are experimental results to be checked by the customer.

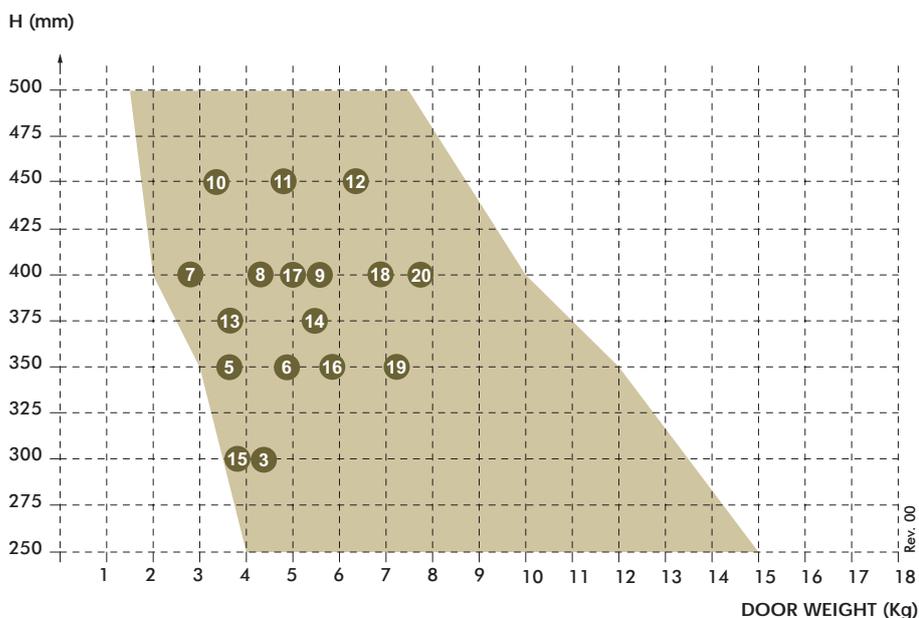
In accordance with the actual European regulation, we suggest where possible to use two KIARO mechanisms for each door. Our technical department is at your disposal to analyze further cases out of this chart.



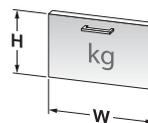
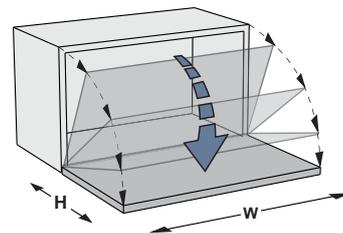
FRICITION OPENING



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

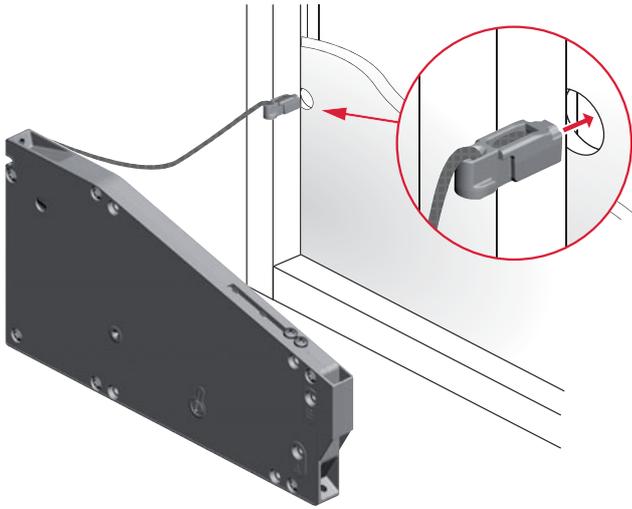
Weight considering: Chipboard 650 Kg/m<sup>3</sup> and MDF 780 Kg/m<sup>3</sup>.

These are experimental results to be checked by the customer.

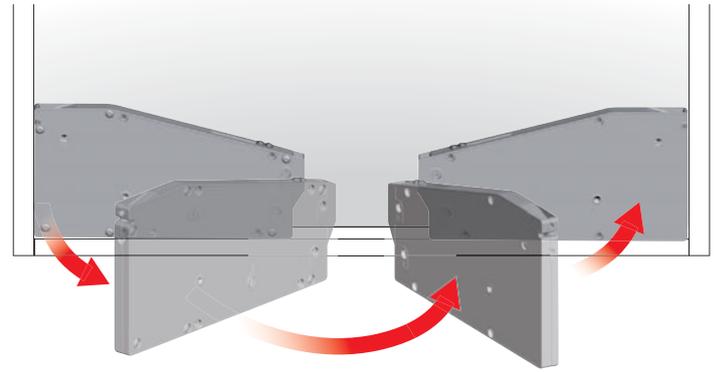
In accordance with the actual European regulation, we suggest where possible to use two KIARO mechanisms for each door. Our technical department is at your disposal to analyze further cases out of this chart.



**MECHANISM INSTALLATION**

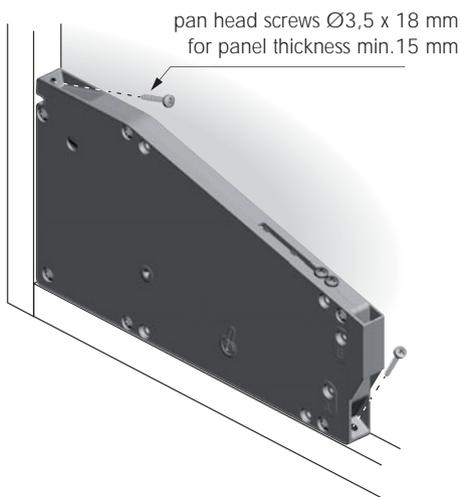


**UNHANDED MECHANISM**

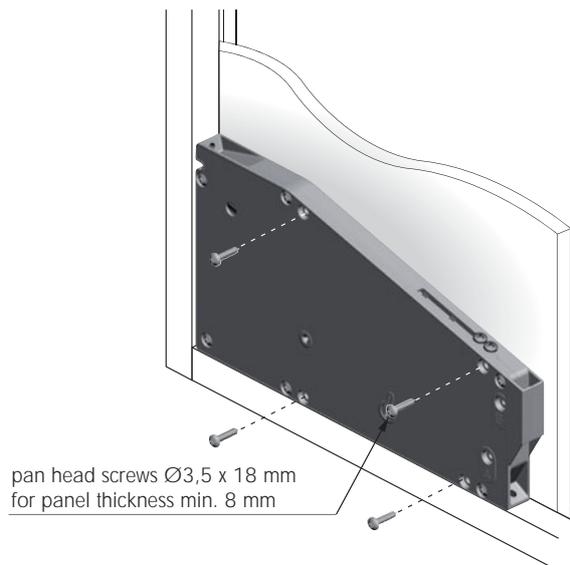


**MECHANISM FIXING**

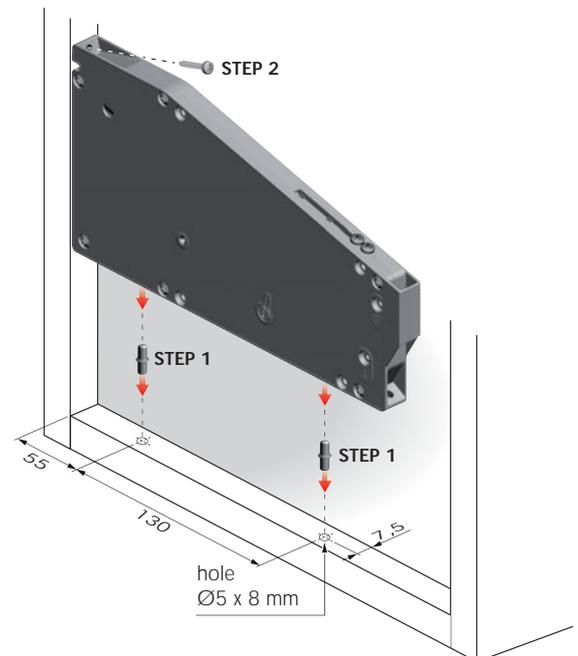
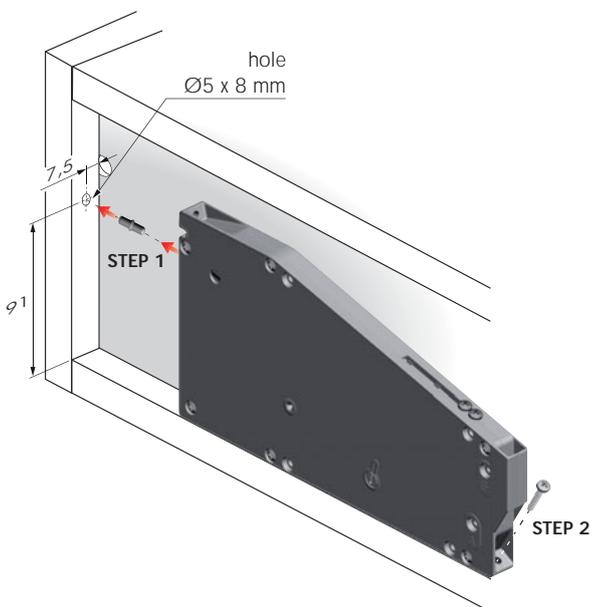
On the bottom and on the side panel with screws



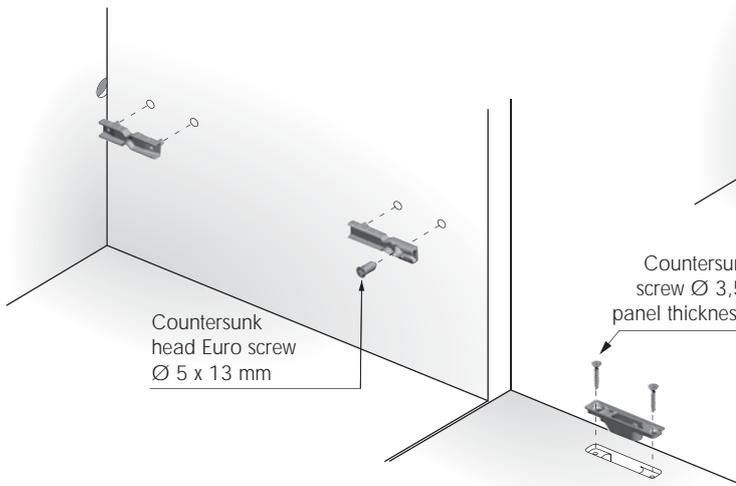
On the back panel with screws



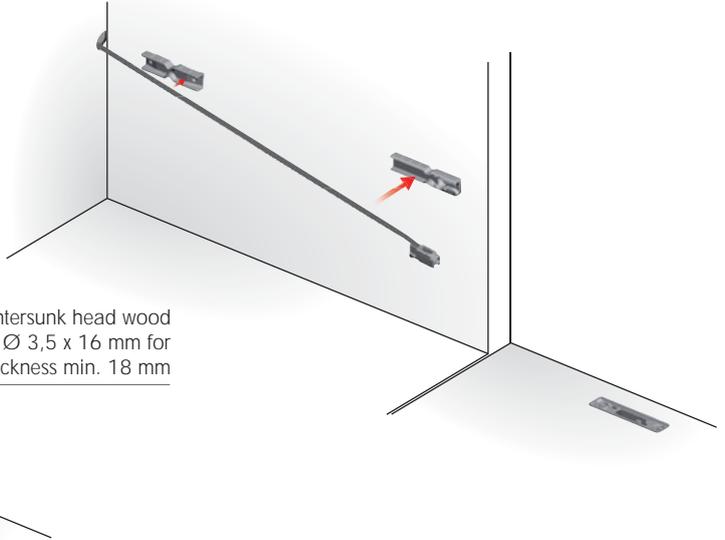
On the bottom and on the side panel with pin and screws



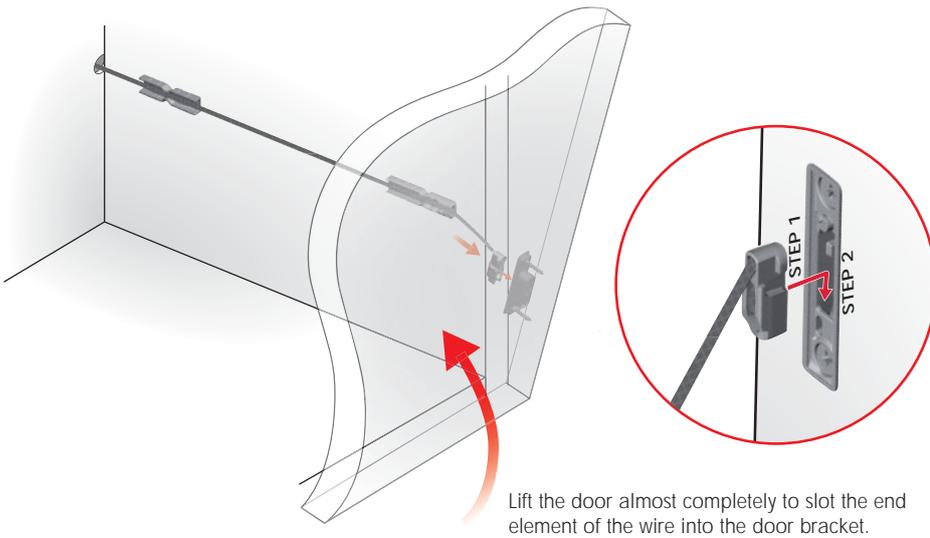
BRACKETS INSTALLATION



WIRE INSTALLATION



WIRE INSERTION ONTO THE DOOR BRACKET



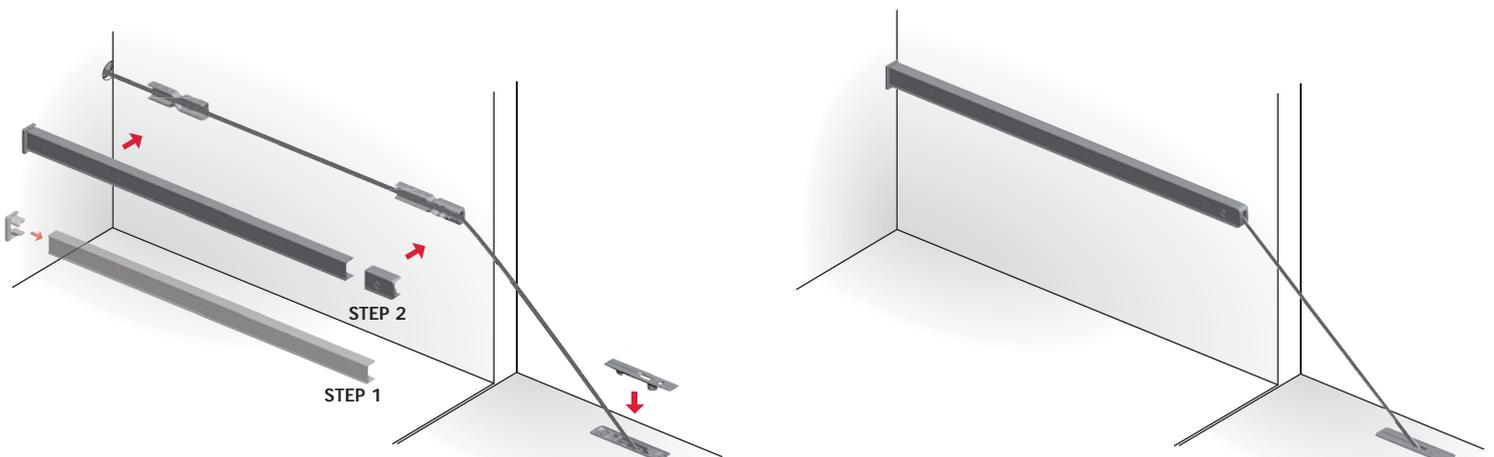
STEP 1



STEP 2



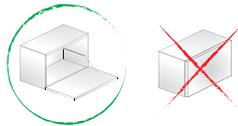
COVER CAP AND ALUMINIUM LATERAL PROFILE INSERTION



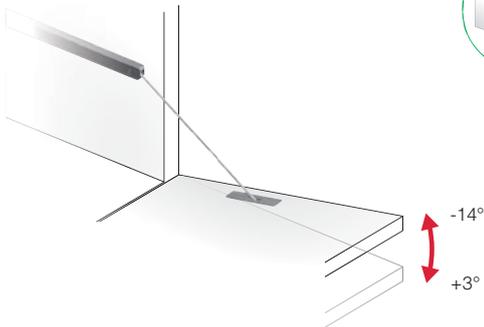
Place the cover cap on the door bracket before lifting the door.



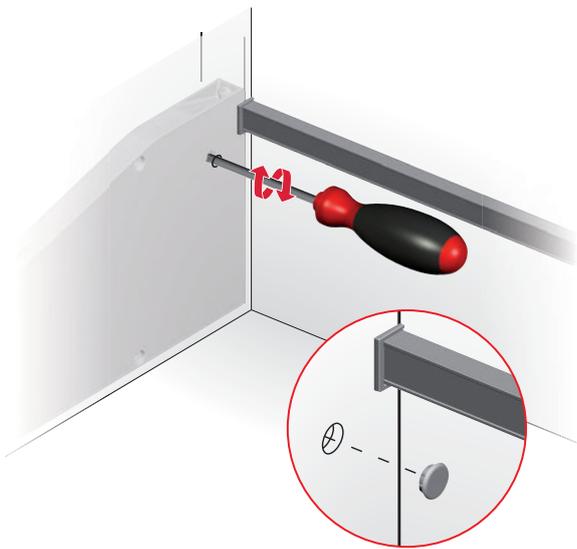
**DOOR OPENING ANGLE ADJUSTMENT**



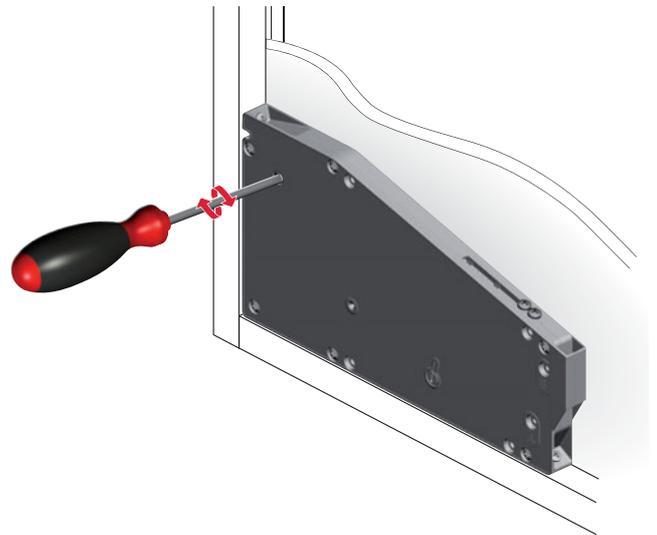
**VERY IMPORTANT:**  
The opening angle adjustment can be carried out only with open door.



**FROM THE INSIDE OF THE CABINET**



**FROM THE BACKSIDE OF THE CABINET**

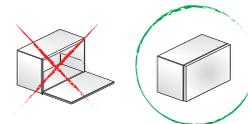


**ADJUSTMENT OF STRENGTH SETTINGS**

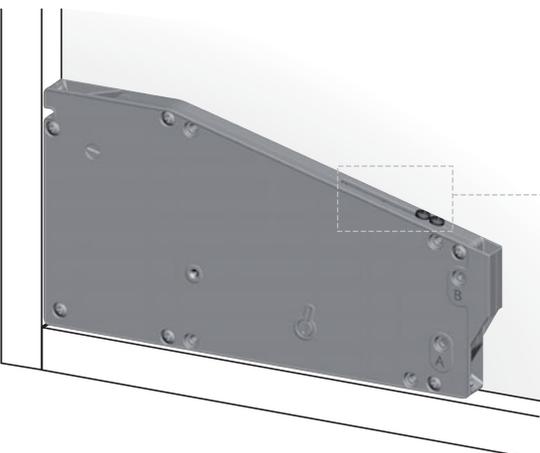
Possibility to adjust the settings of the mechanism also upon completed assembly.  
For details refer to the related section.

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

- 1) The door is completely closed.



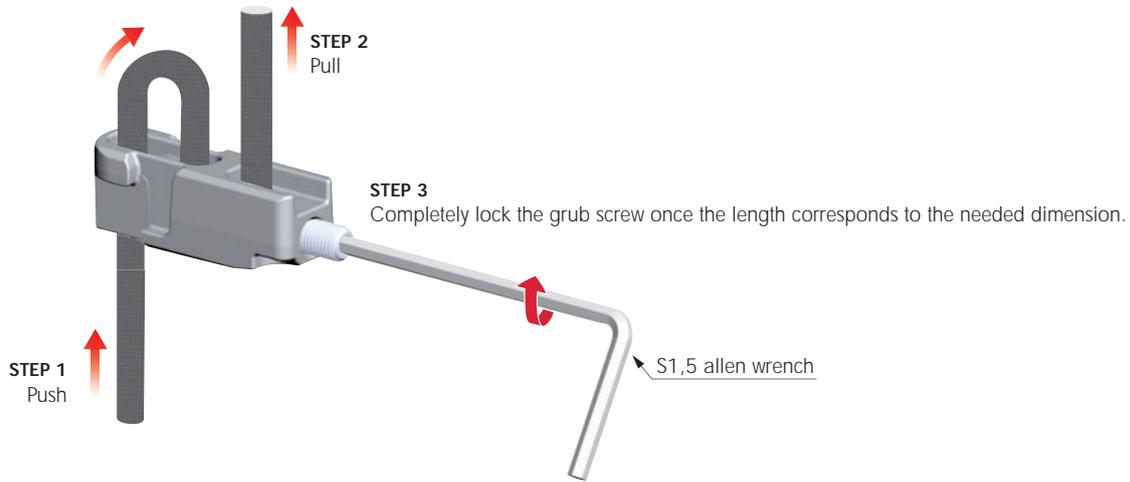
- 2) The mechanism is completely in position.



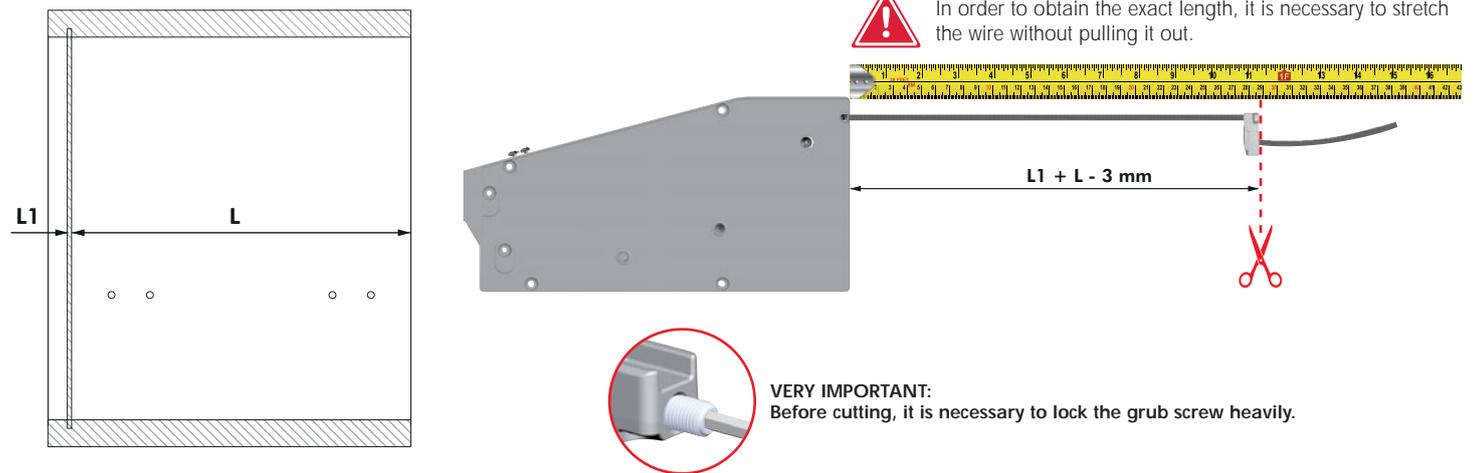
<p><b>OK</b> </p>	<p><b>NO</b> </p>
	<p>In this case put the small flap in position with a screwdriver.</p>

## INSTRUCTIONS FOR WIRE CUTTING

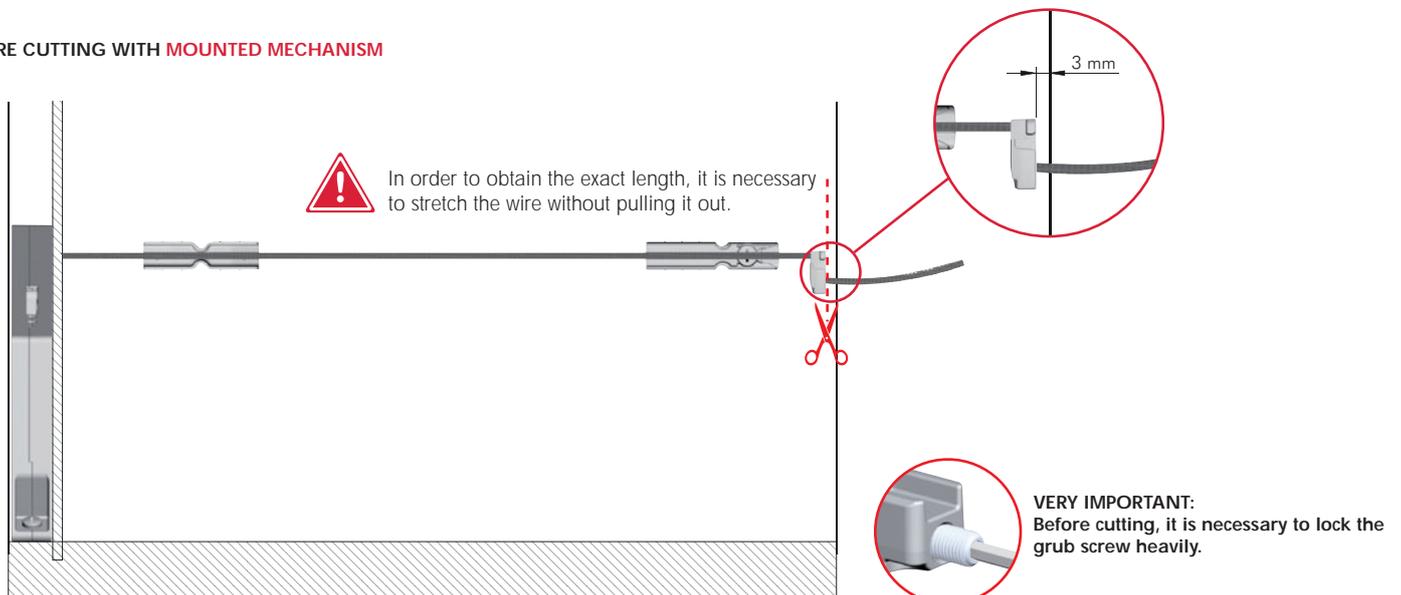
### INSERTION OF THE WIRE INTO THE END PART AND LOCKING WITH M3 GRUB SCREW



### WIRE CUTTING WITH UNMOUNTED MECHANISM

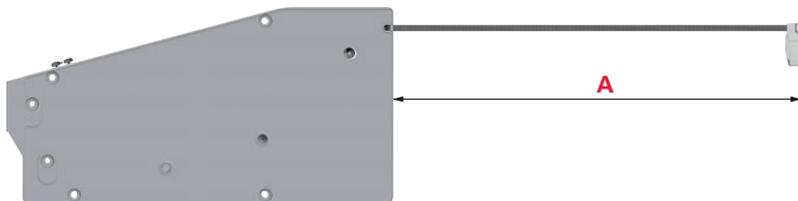
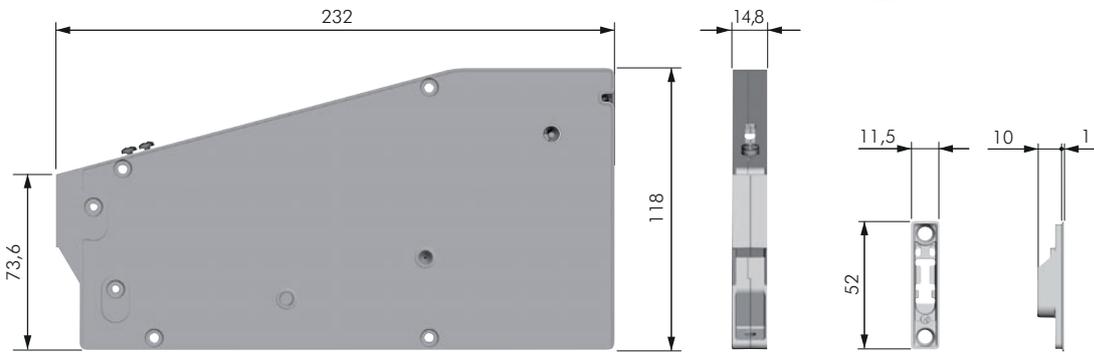
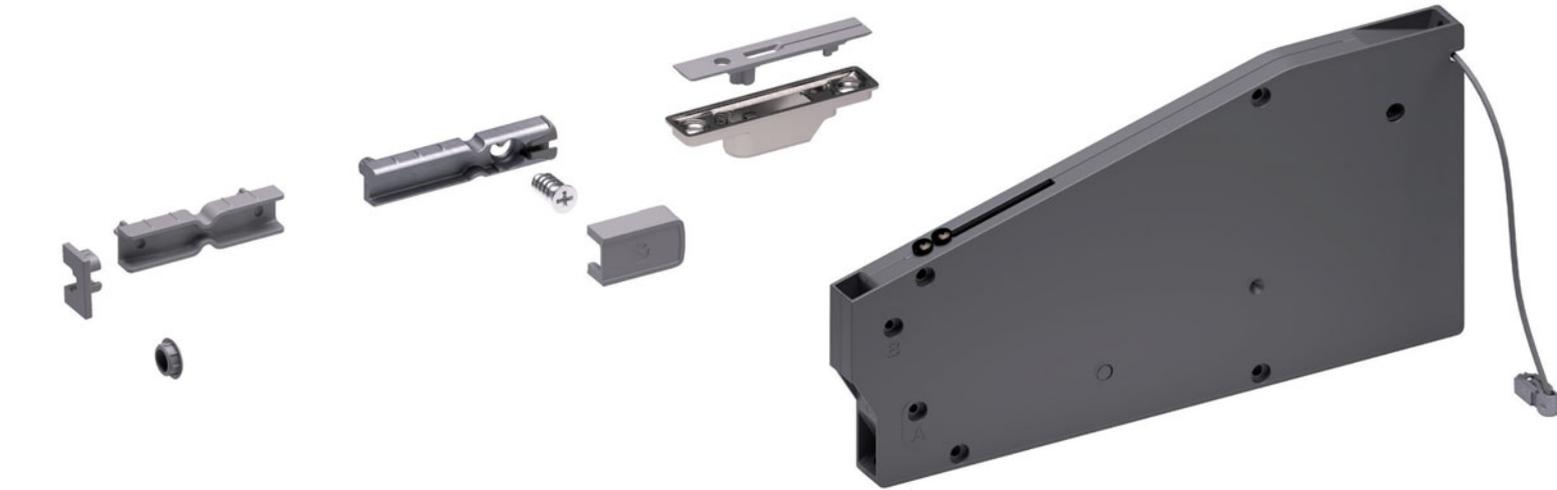


### WIRE CUTTING WITH MOUNTED MECHANISM



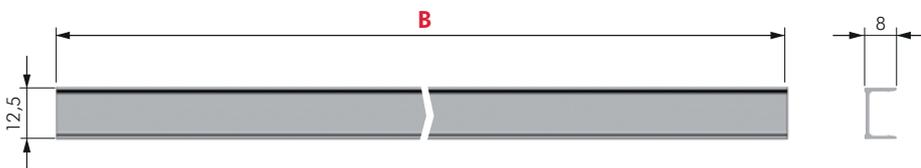


KIT MECHANISM KIARO or KIARO S (with door brackets)

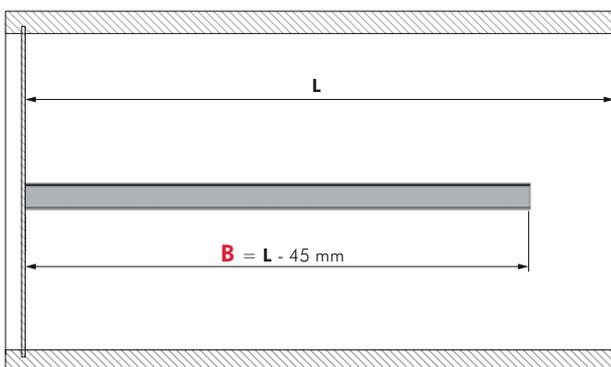


ZA	EP	ST	= 12 pcs.
			<b>A</b> (mm)
<b>KIARO</b>	<b>46006000YA</b>	<b>YQ</b>	600
<b>KIARO S</b>	<b>46106000YA</b>	<b>YQ</b>	

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



CUT TO SIZE RULE:



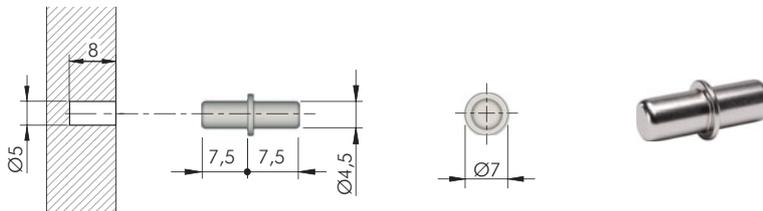
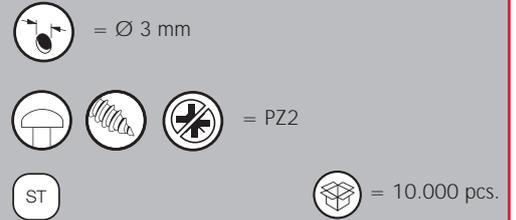
AL	= 12 pcs.		
			<b>B</b> (mm)
<b>46205500UT</b>	<b>FV</b>		550

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

Finishes matching between cover caps and alu. profiles:

YA → UT  
YQ → FV

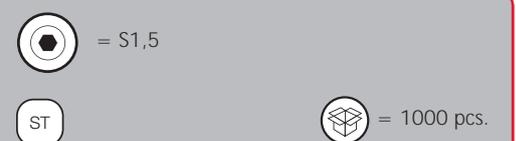
ACCESSORIES FOR MECHANISM FIXING



ACCESSORY FOR DOOR BRACKET FIXING

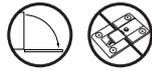


ACCESSORY FOR LOCKING THE GRUB SCREW

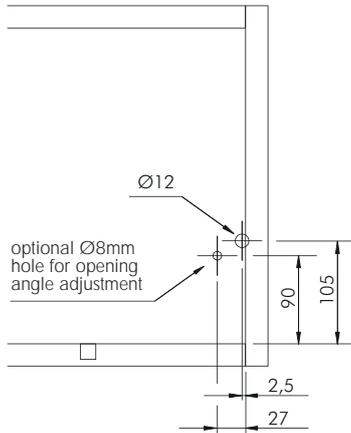




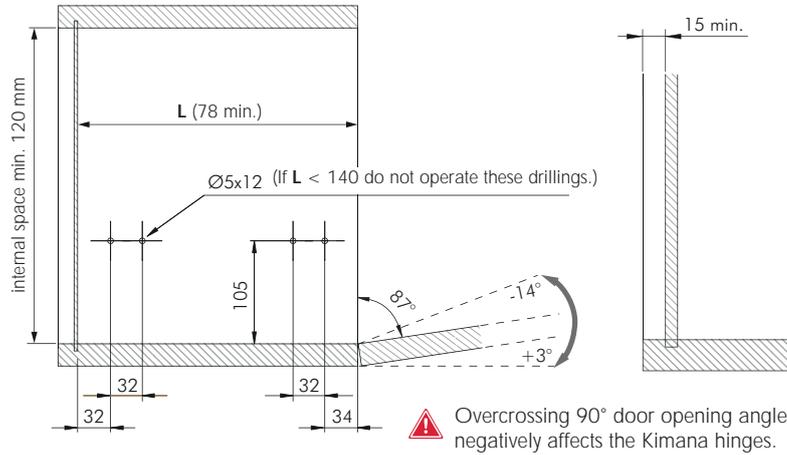
## KIARO WITH KIMANA HINGE



### BACK-PANEL DRILLING OPERATIONS

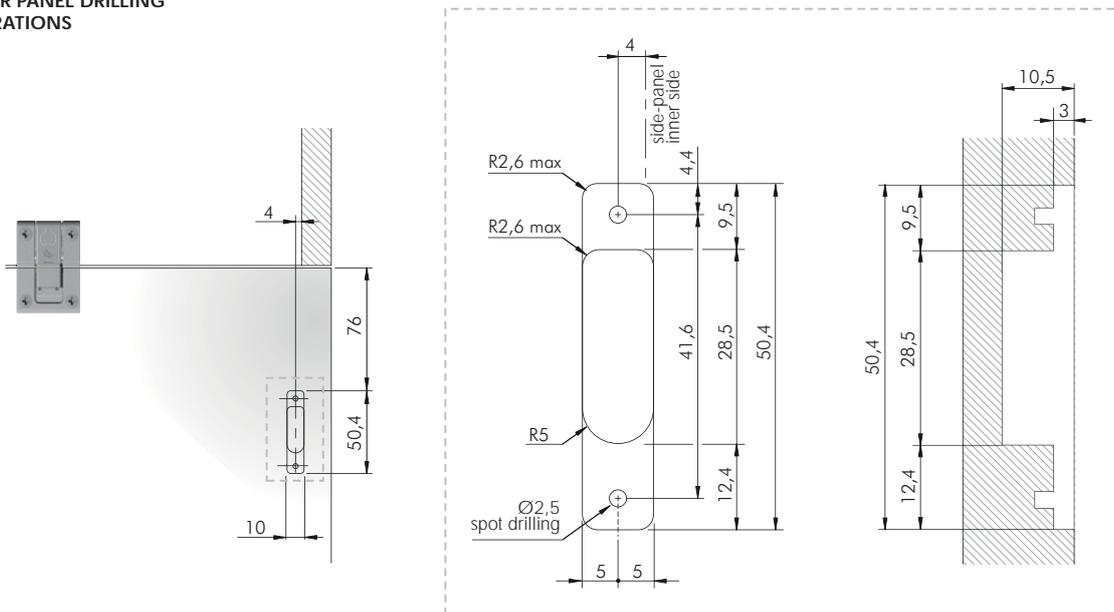


### SIDE-PANEL DRILLING OPERATIONS



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

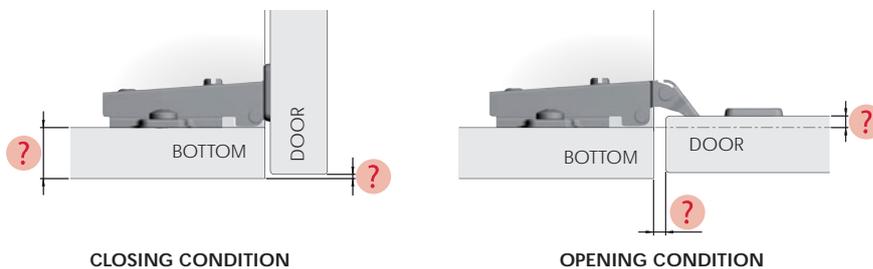
### DOOR PANEL DRILLING OPERATIONS



## 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

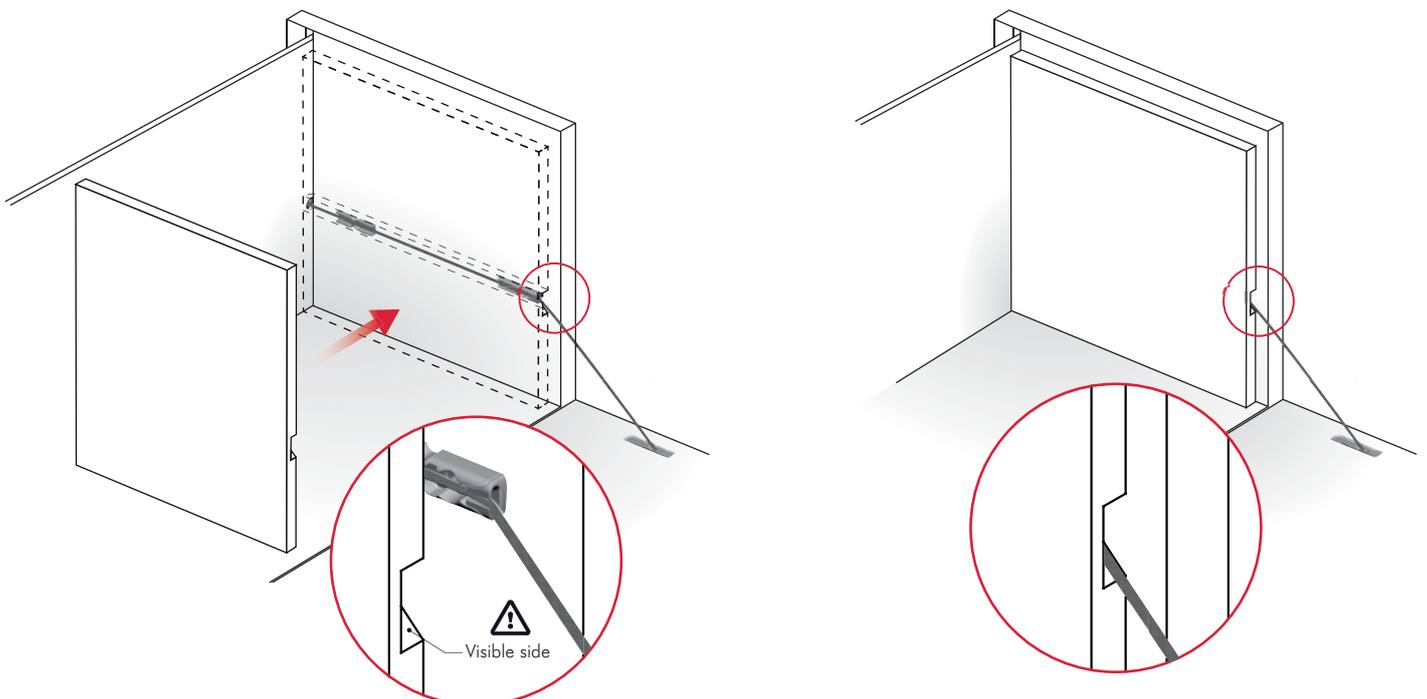
KIARO DECK - Version 1

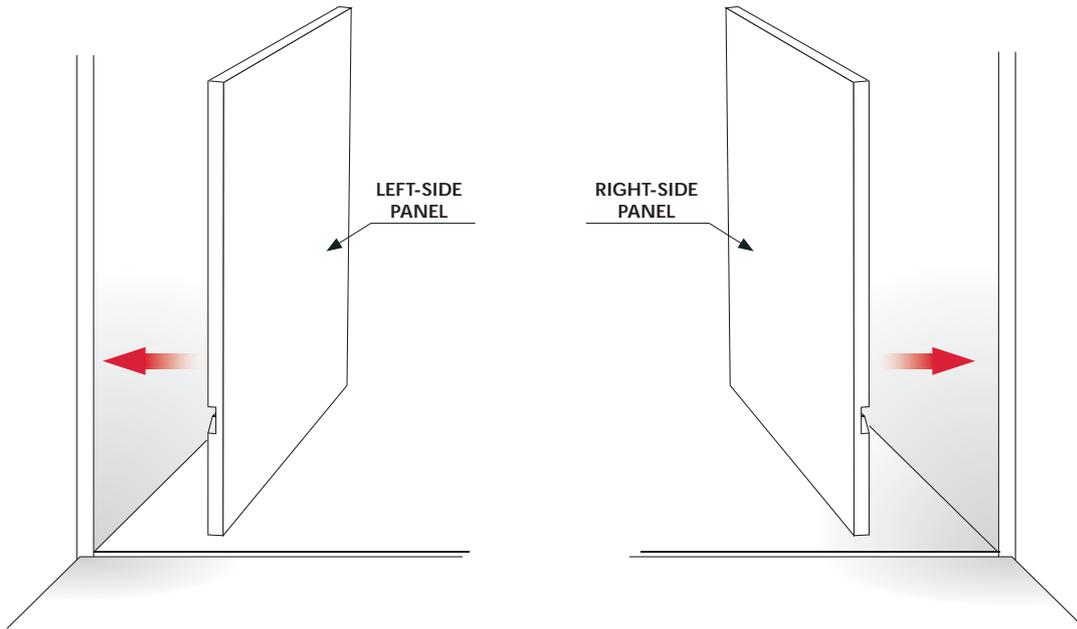


**NOTE:**

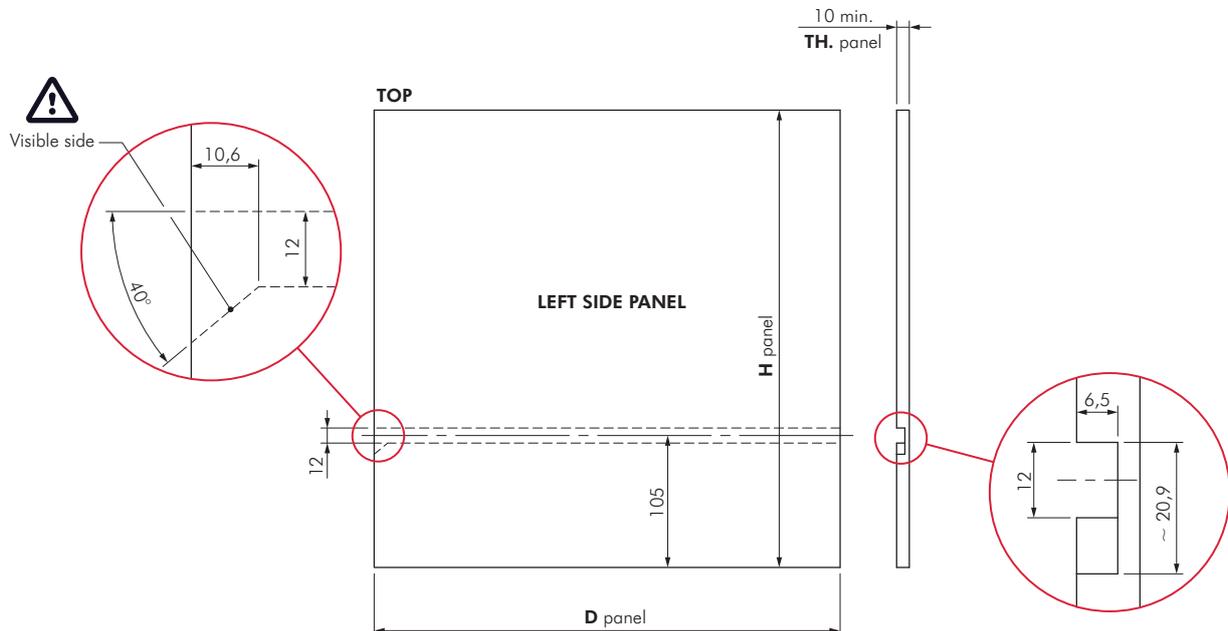
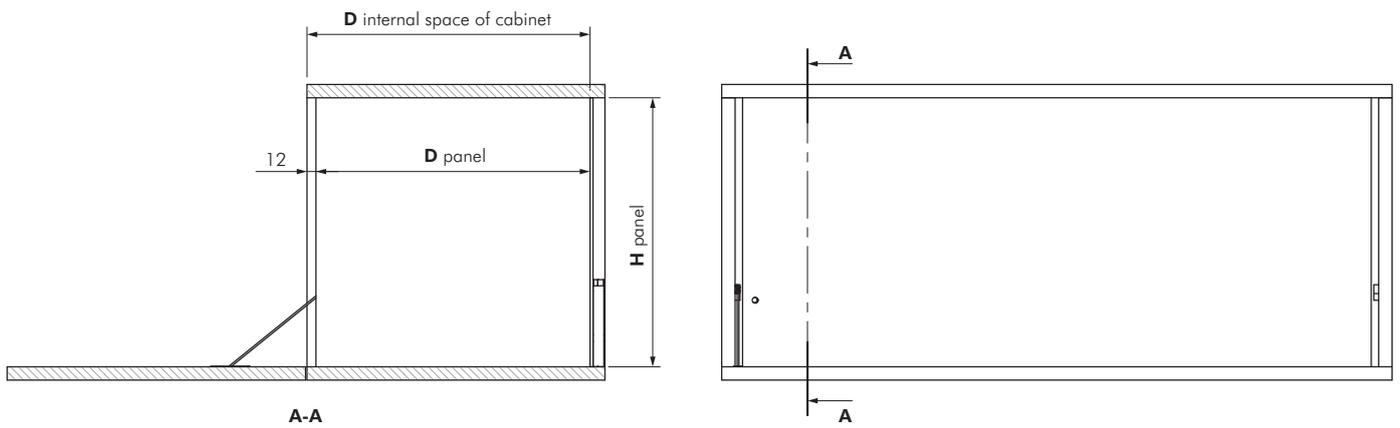
The following installation and technical drawings refer only to the cover panel for Kiaro Deck application. **For installation and drilling plans of Kiaro please refer to the dedicated brochure or catalogue section.**

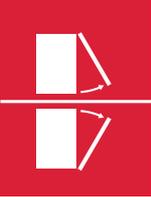
INTERNAL PANEL INSTALLATION





INTERNAL PANEL DIMENSIONS AND MILLING OPERATION





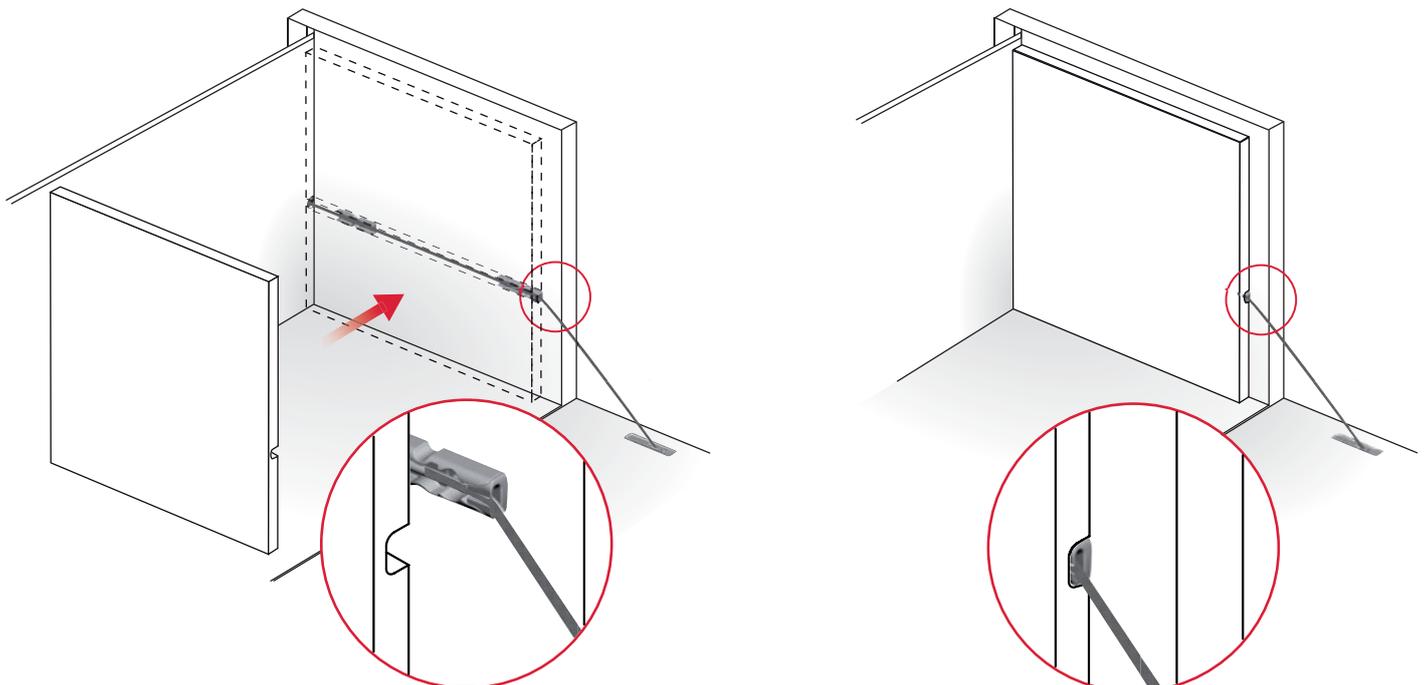
## KIARO DECK - Version 2

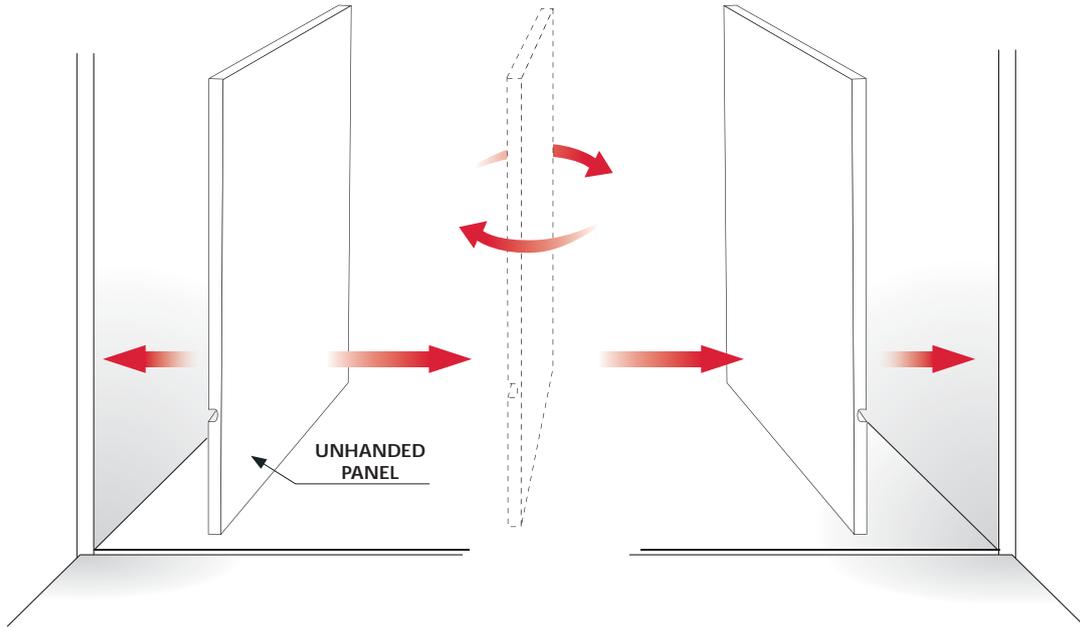


### NOTE:

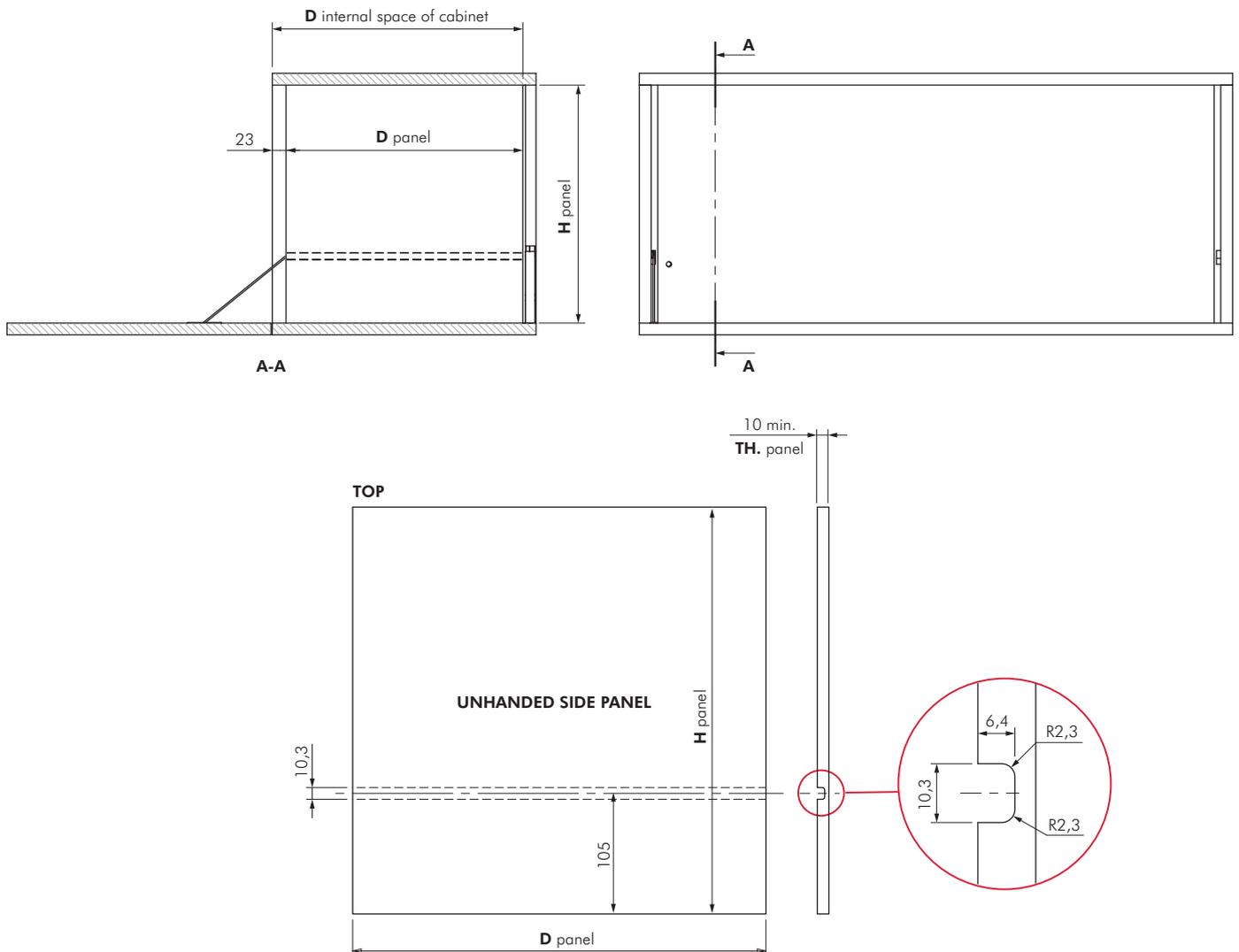
The following installation and technical drawings refer only to the cover panel for Kiaro Deck application. **For installation and drilling plans of Kiaro please refer to the dedicated brochure or catalogue section.**

### INTERNAL PANEL INSTALLATION

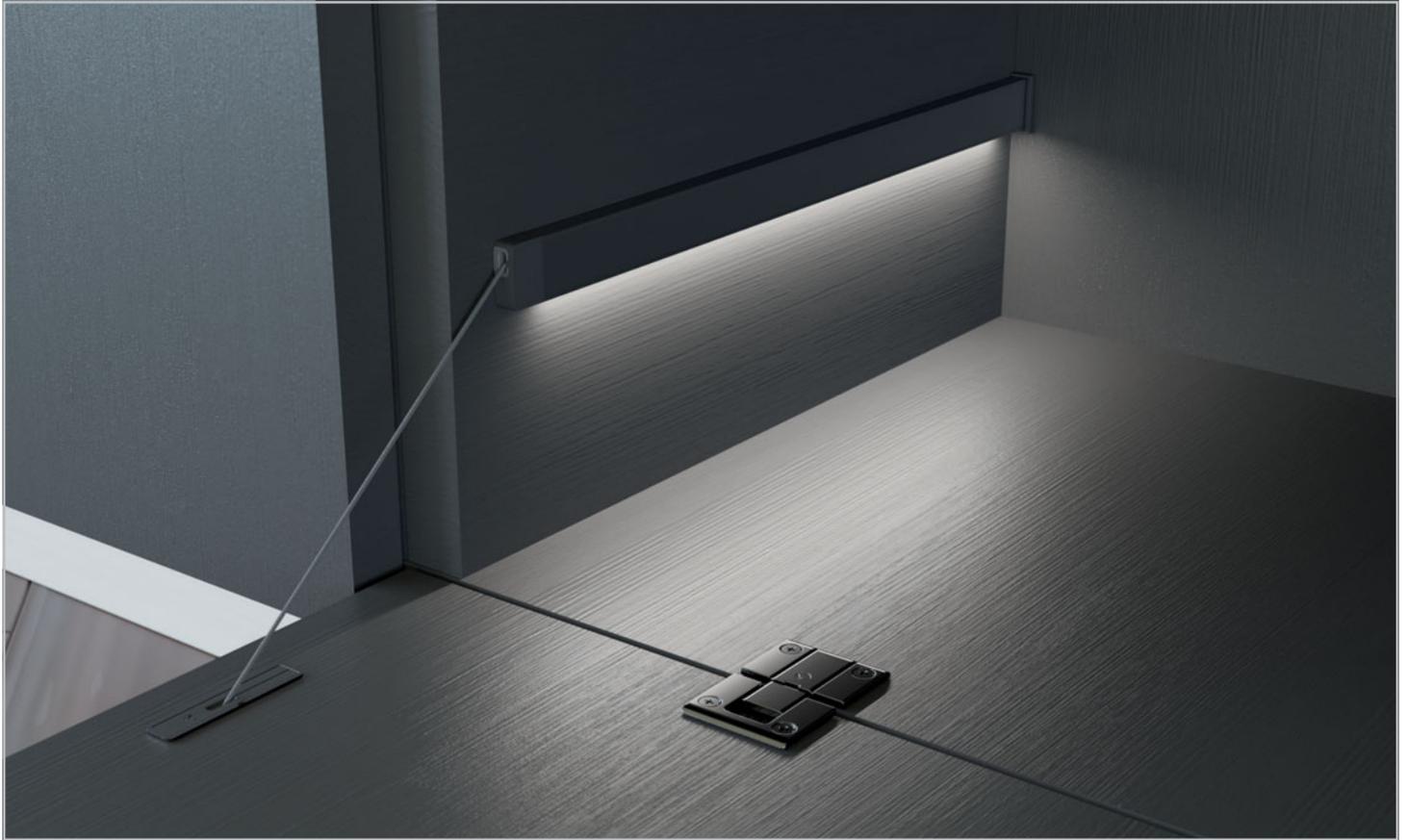




INTERNAL PANEL DIMENSIONS AND MILLING OPERATION



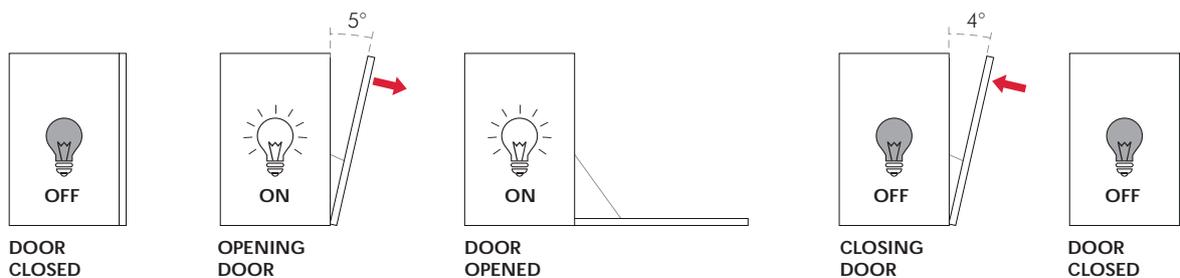
KIARO LED



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.

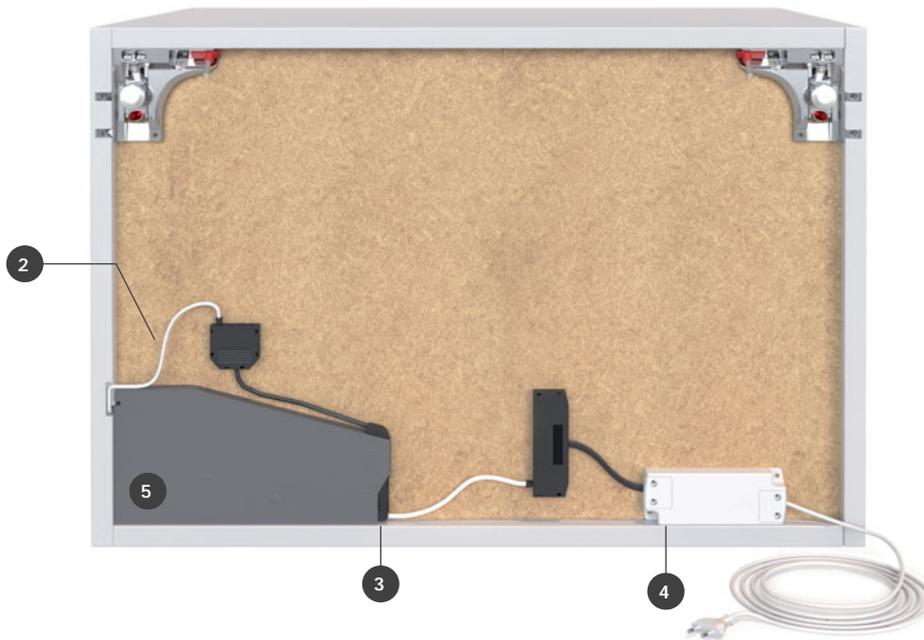
The lighting device of KIARO is to be installed on the concealed mechanism and can work either for the lateral profile with integrated LED strip or for other lighting appliances placed inside the cabinet.

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

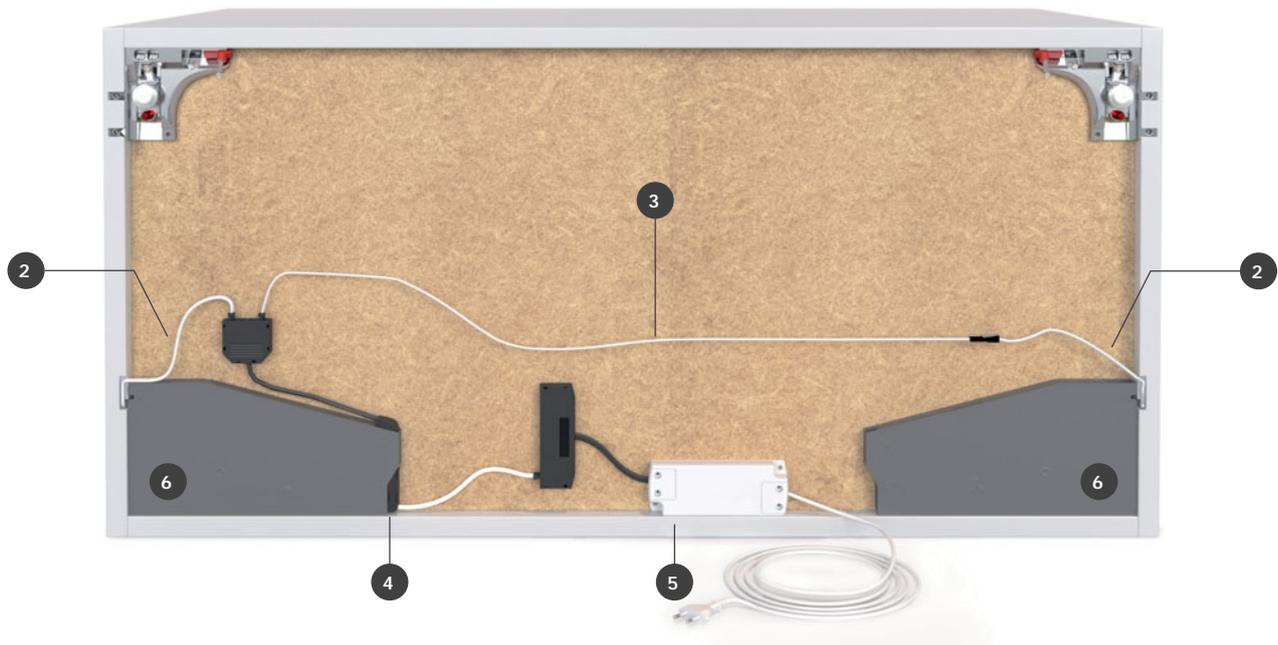
4 1 X CHARGER

5 KIT 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

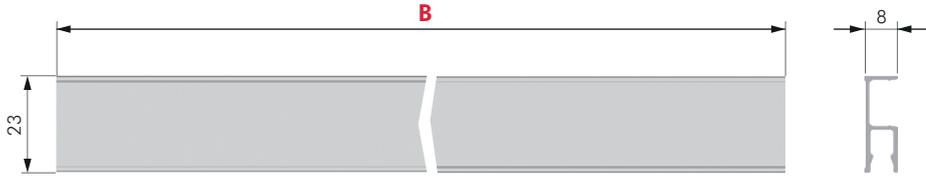
6 KIT MECHANISM KIARO or KIARO\_S (with door brackets)



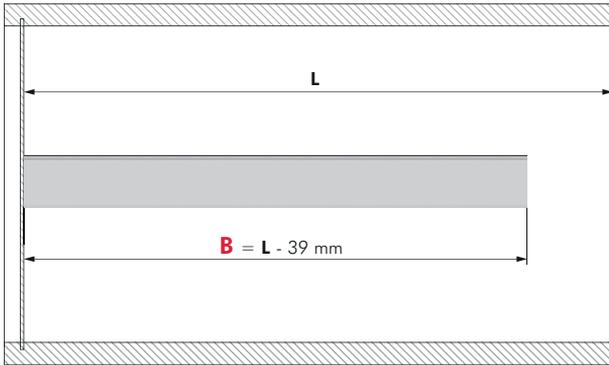
For the correct mechanism settings please refer to the dedicated section.



**KIARO LED ALUMINIUM PROFILE**



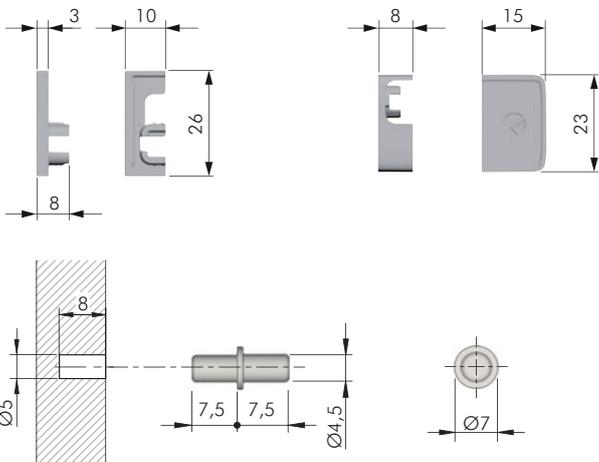
CUT TO SIZE RULE:



AL	= 12 pcs.
<b>46505500UT</b>	<b>FV</b>
	<b>B (mm)</b> 550

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

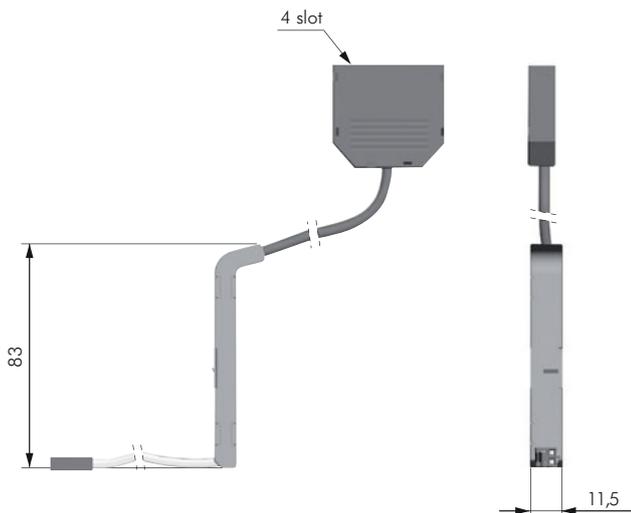
**COVER CAPS SET**



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

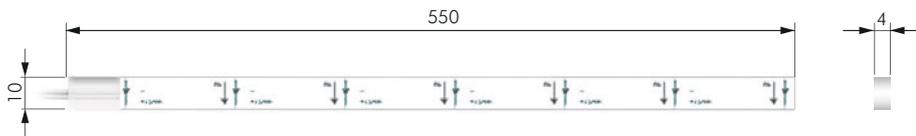
NOTE: Finishes matching between cover caps and alu. profiles:  
EW → UT  
EE → FV

**SENSOR FOR KIARO LED**



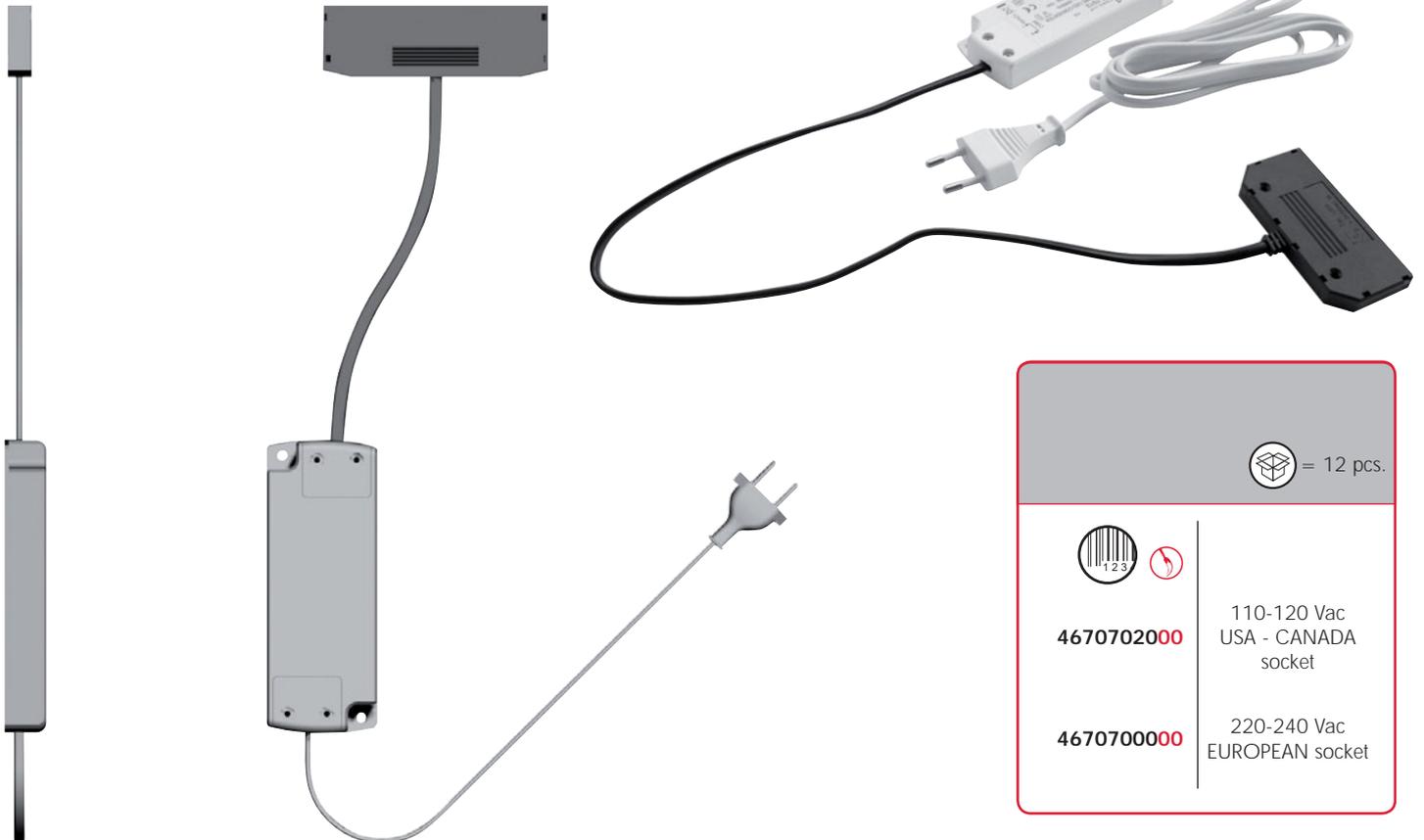
Maximum output: 30 Watt with light 12Vdc 60 Watt with light 24Vdc	
	= 12 pcs.
<b>4670600000</b>	

## LED FLEXIBLE STRIP



= 12 pcs.	
 46601000AB	 LED Colour temperature 4000 K

## CHARGER



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



**EXTENSION CABLE**



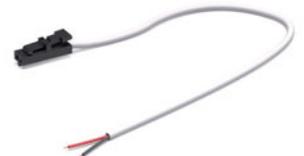
Length: 2000 mm

= 12 pcs.



4670601000

**CUSTOMER LIGHTING CONNECTORS**



Length: 150 mm  
Male connector

= 12 pcs.



4670602000



Length: 150 mm  
Female connector

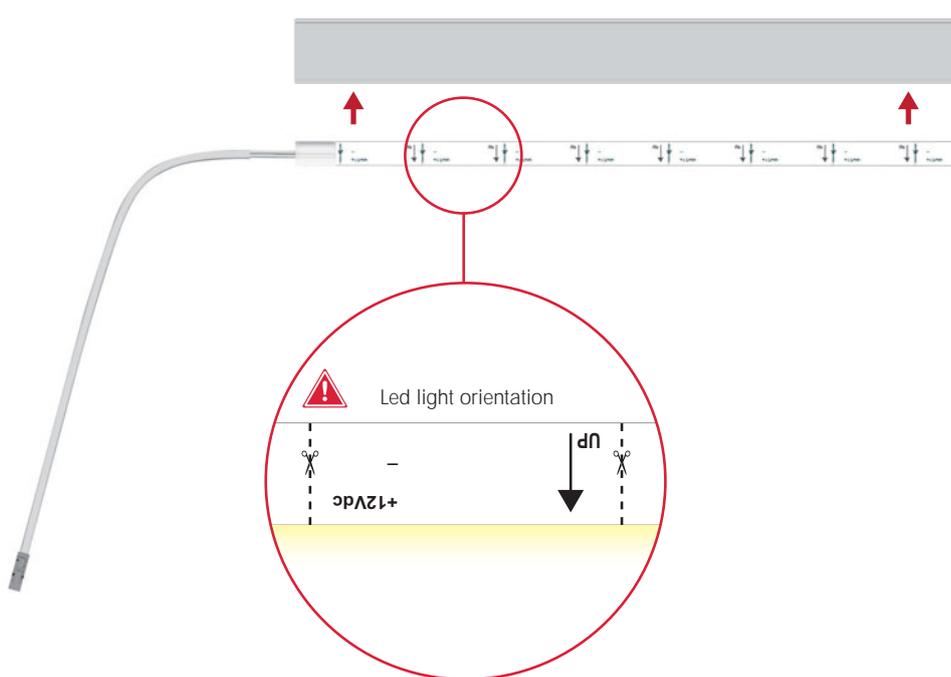
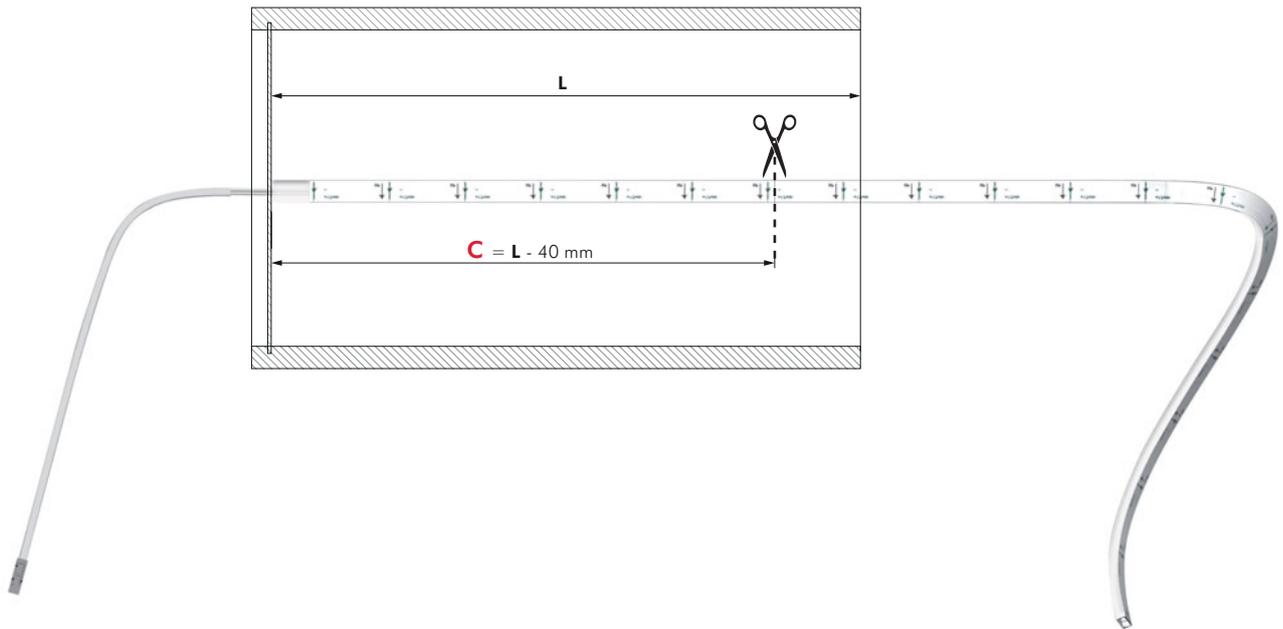
= 12 pcs.



4670603000

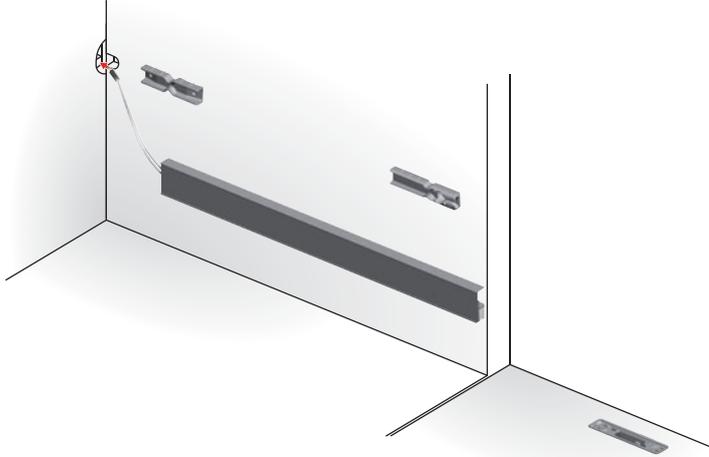
## KIARO LED INSTALLATION

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

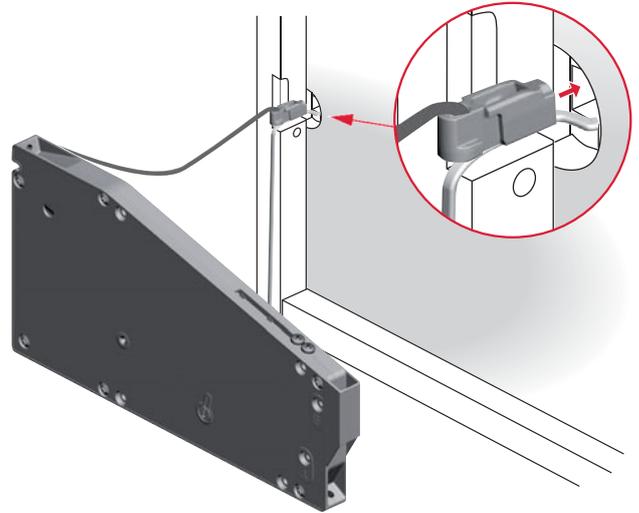




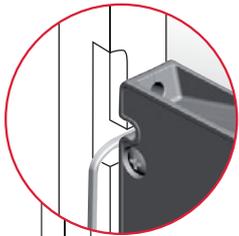
**LED STRIP ELECTRICAL WIRE INSERTION THROUGH THE BACKSIDE HOLE**



**MECHANISM INSTALLATION**

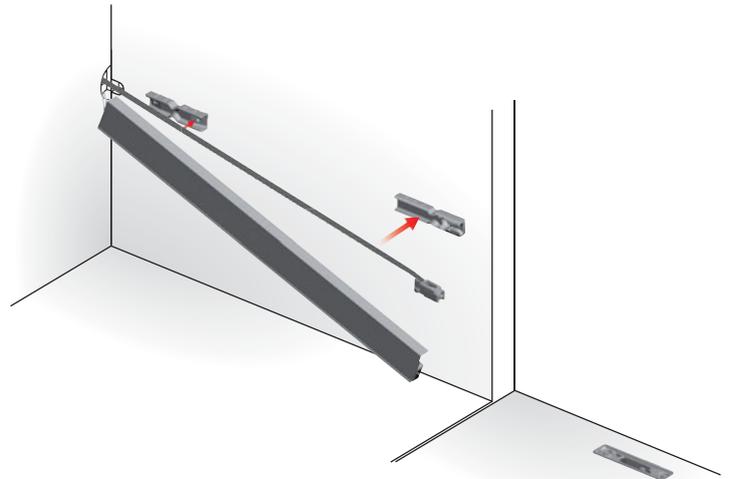


**MECHANISM FIXING**

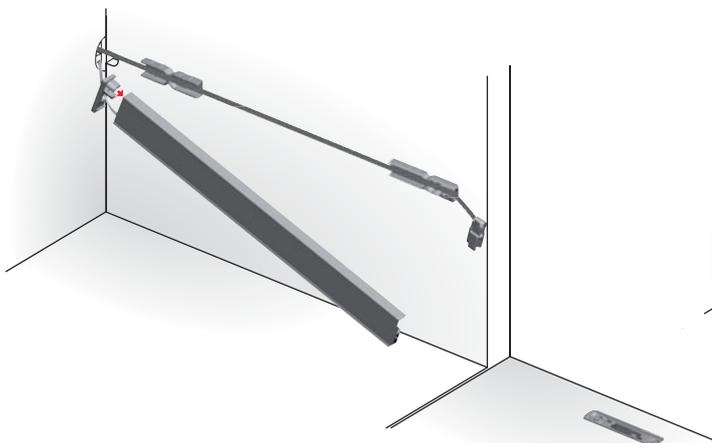


Pull the power cable of the led strip through the drilling spot on the cabinet side, before fixing the main mechanism.

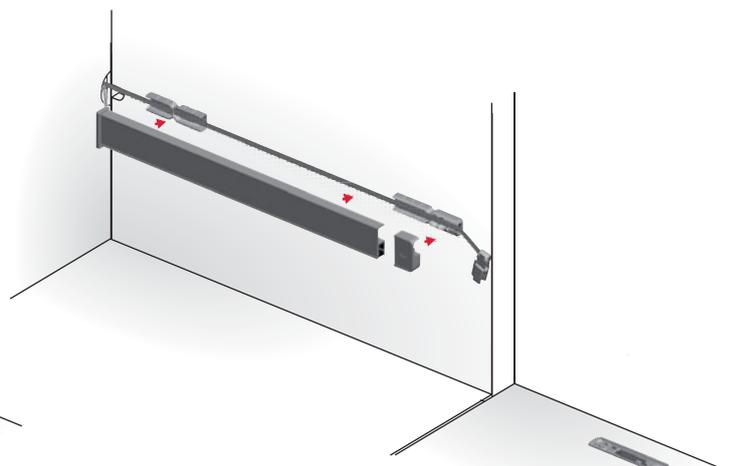
**WIRE INSTALLATION**

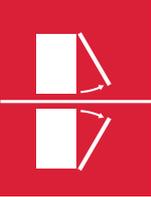


**INSERTION OF THE BACKSIDE COVER FOR ALU. PROFILE**

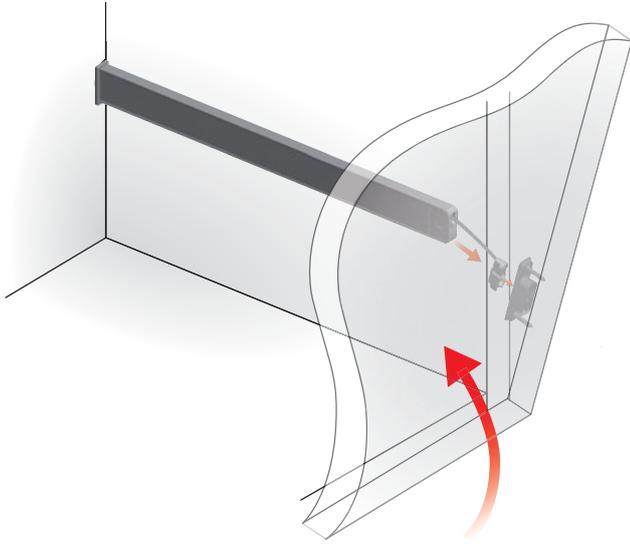


**COVER CAPS AND ALUMINIUM LATERAL PROFILE INSERTION**

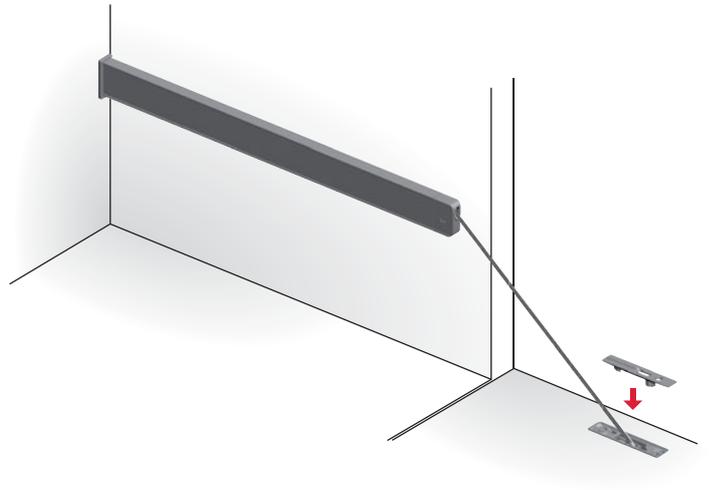




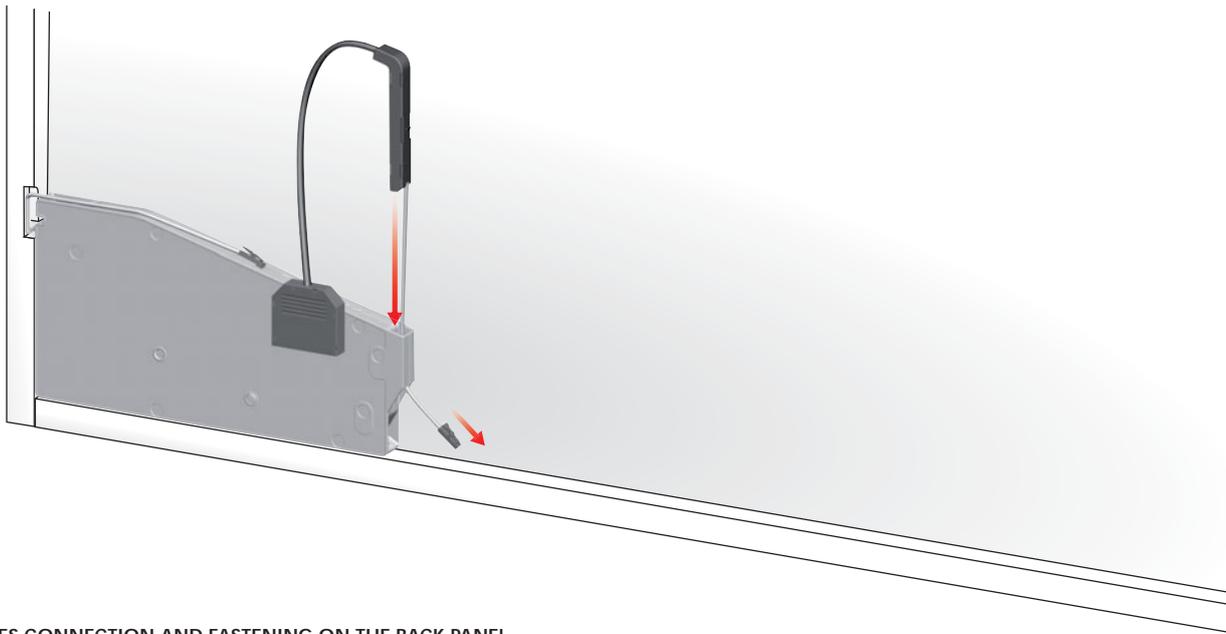
### WIRE INSERTION ONTO THE DOOR BRACKET



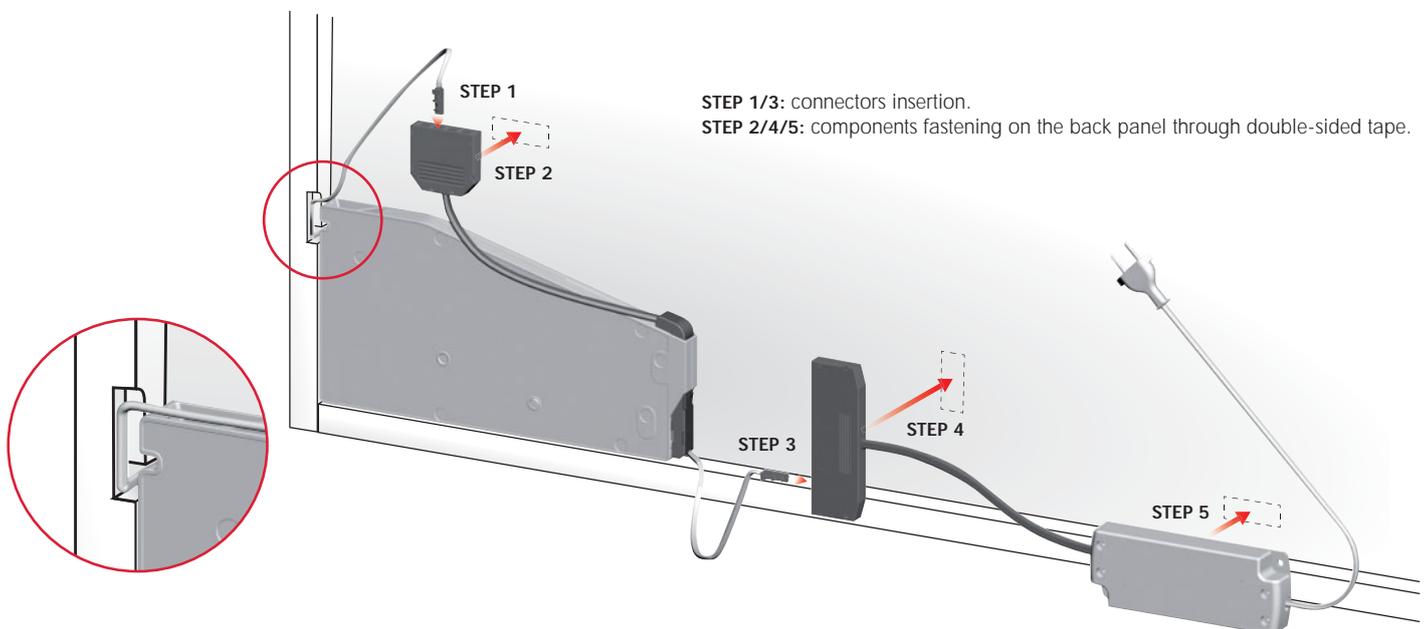
### COVER CAP FOR DOOR BRACKET INSERTION



### SENSOR INSTALLATION

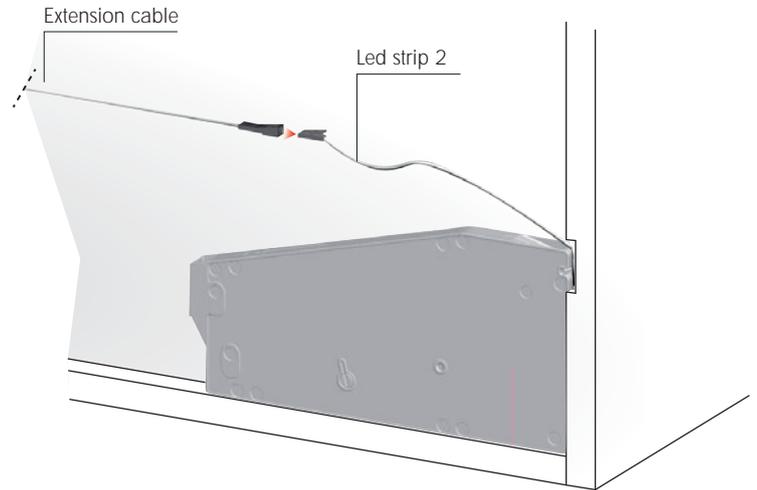
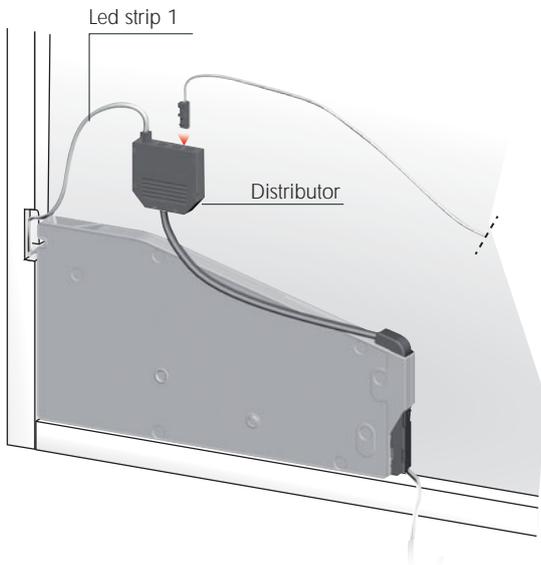


### DEVICES CONNECTION AND FASTENING ON THE BACK PANEL.

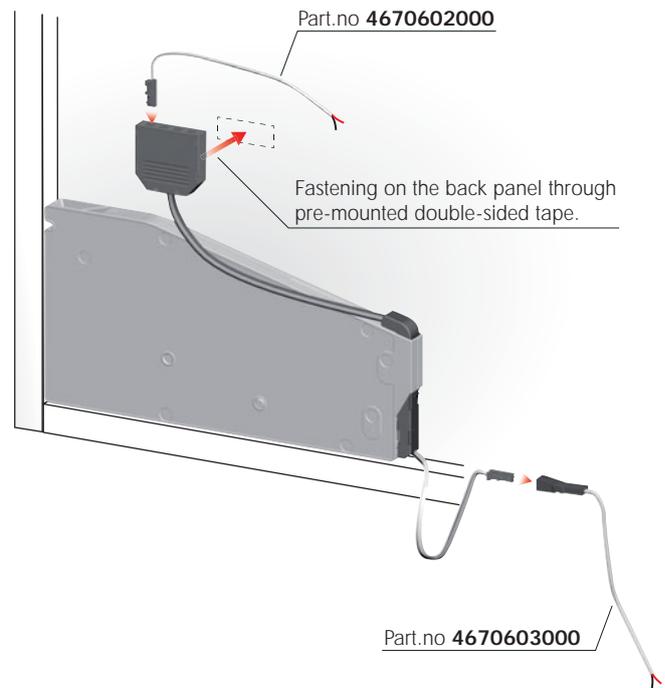
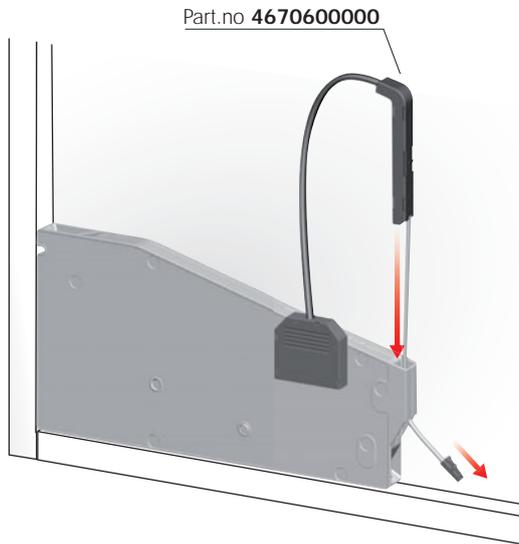




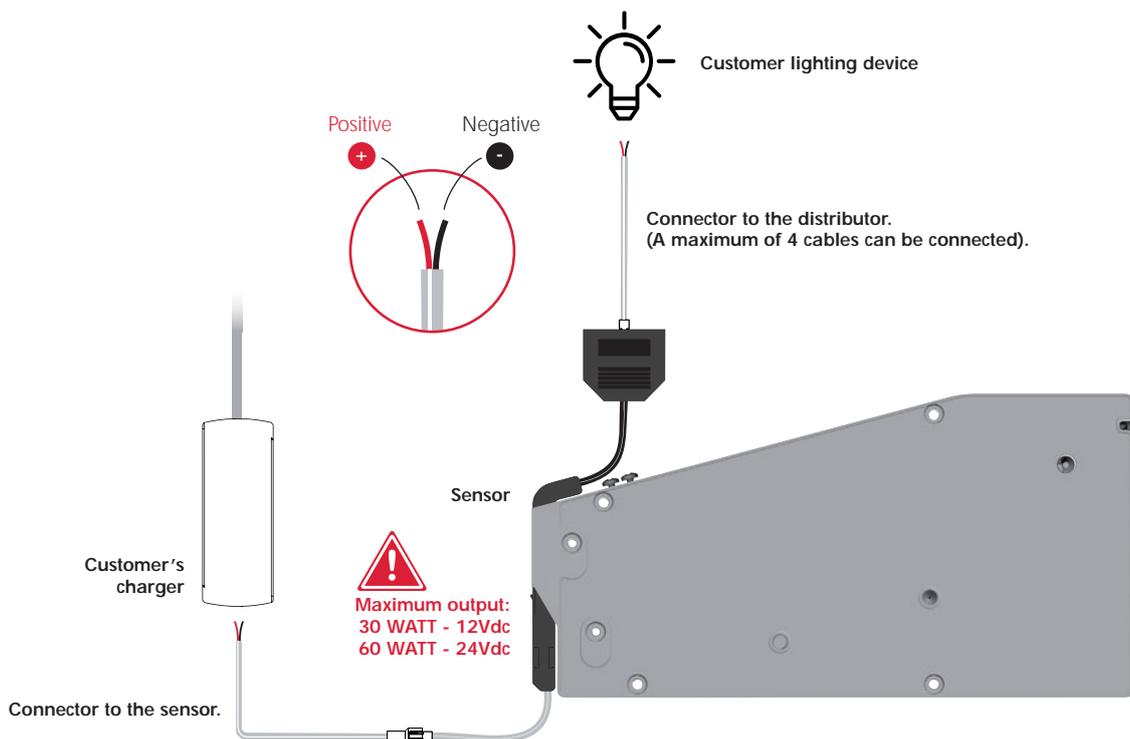
EXTENSION CABLE CONNECTION WITH LED STRIP CONNECTORS



## KIARO WIRING DIAGRAM FOR CUSTOMER LIGHTING



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



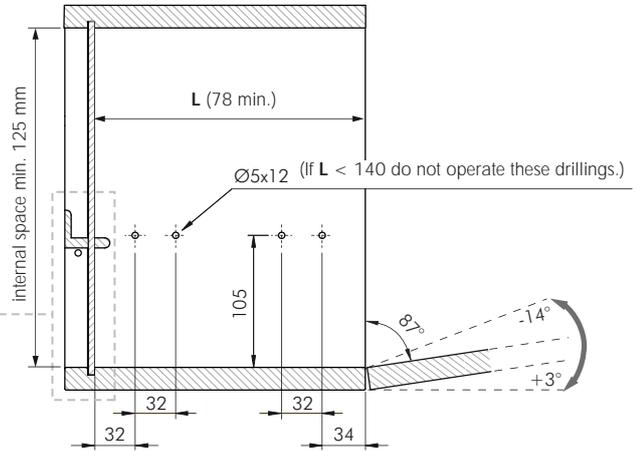
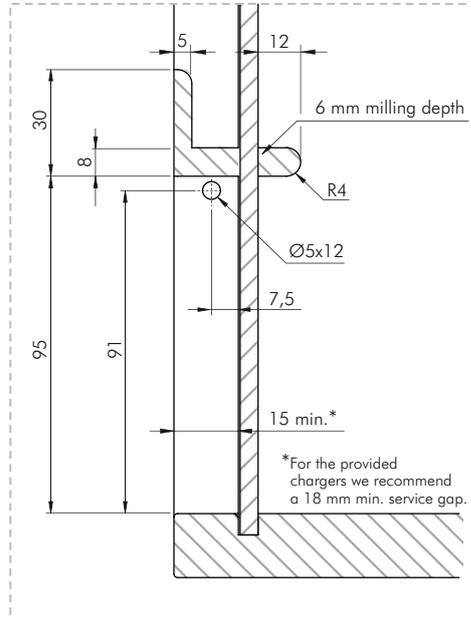
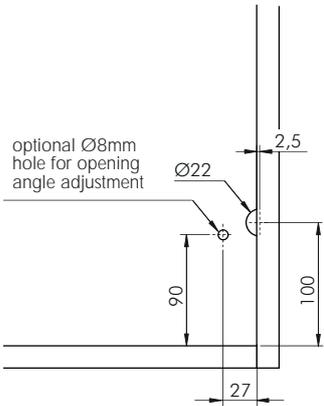


**KIARO LED WITH KIMANA HINGE**



**BACK-PANEL DRILLING OPERATIONS**

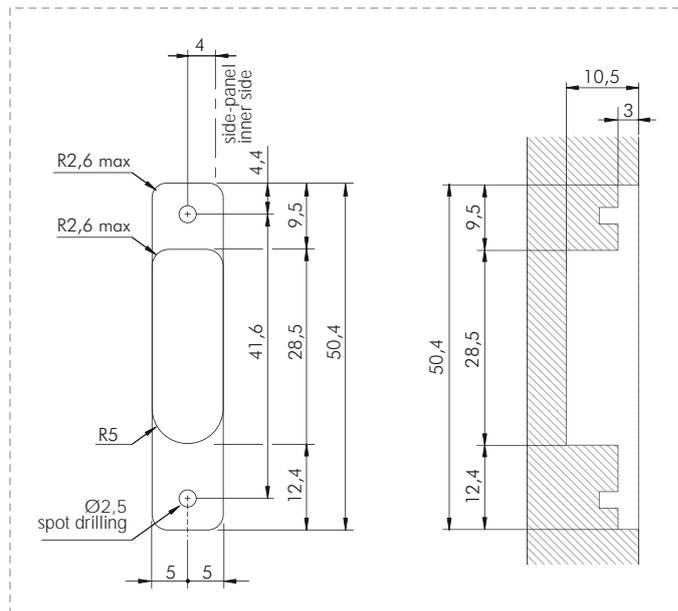
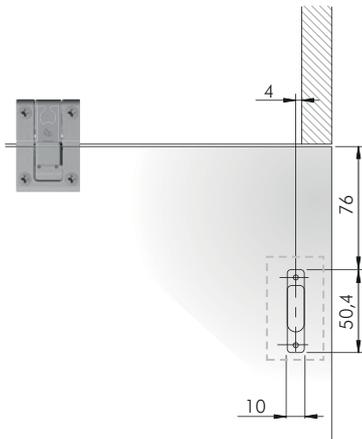
**SIDE-PANEL DRILLING OPERATIONS**



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.

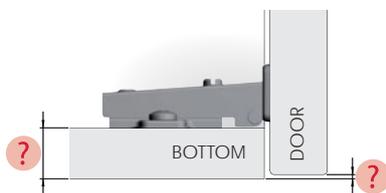
**DOOR PANEL DRILLING OPERATIONS**



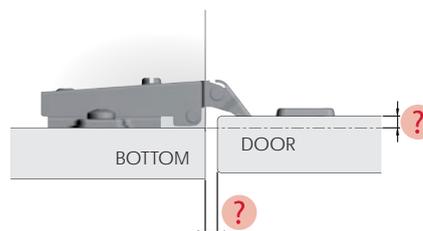
**KIARO LED WITH STANDARD UNSPRUNG HINGES**



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:

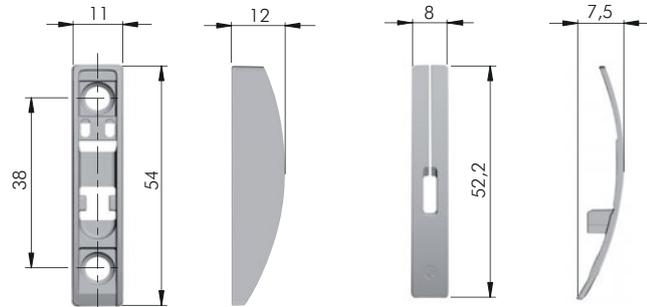
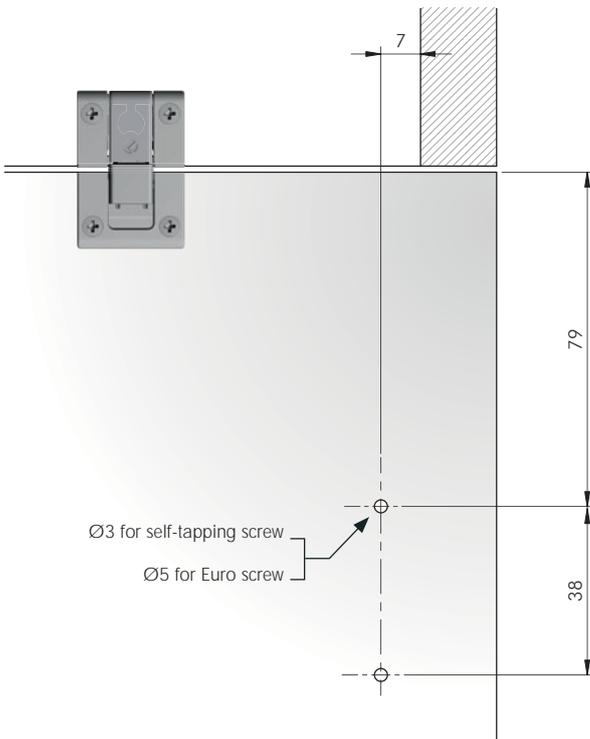


**CLOSING CONDITION**



**OPENING CONDITION**

KIARO WITH SCREW FIXING DOOR BRACKET WITHOUT MILLING ON THE DOOR



= Ø 3 mm, Ø 5 mm

ZA EP = 20 pcs.



49503500YQ

EE

YQ

49503500YA

EW

YA

49503510YQ

LD

YQ

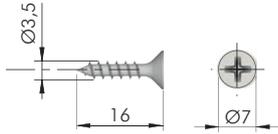
49503510YA

AB

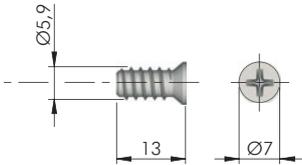
YA



**FIXING ACCESSORIES**



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

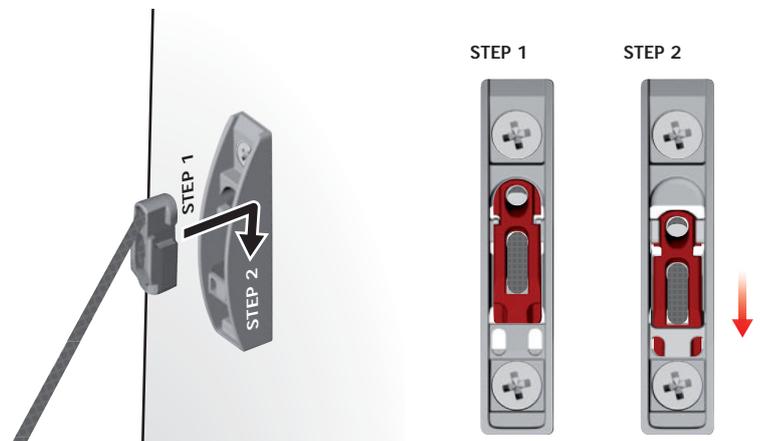


= Ø 5 mm	+
= PZ2	
ST	= 5000 pcs.
123	
<b>60503050ZN</b>	

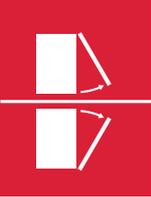
**DOOR BRACKET INSTALLATION**



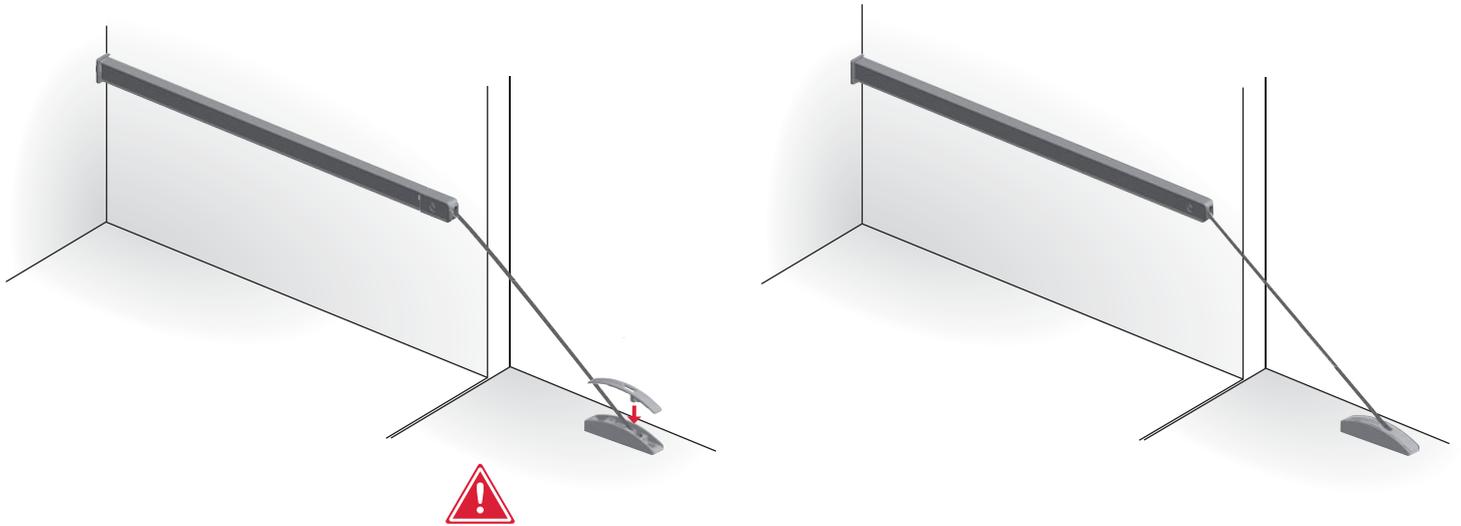
**WIRE INSERTION ONTO THE DOOR BRACKET**



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



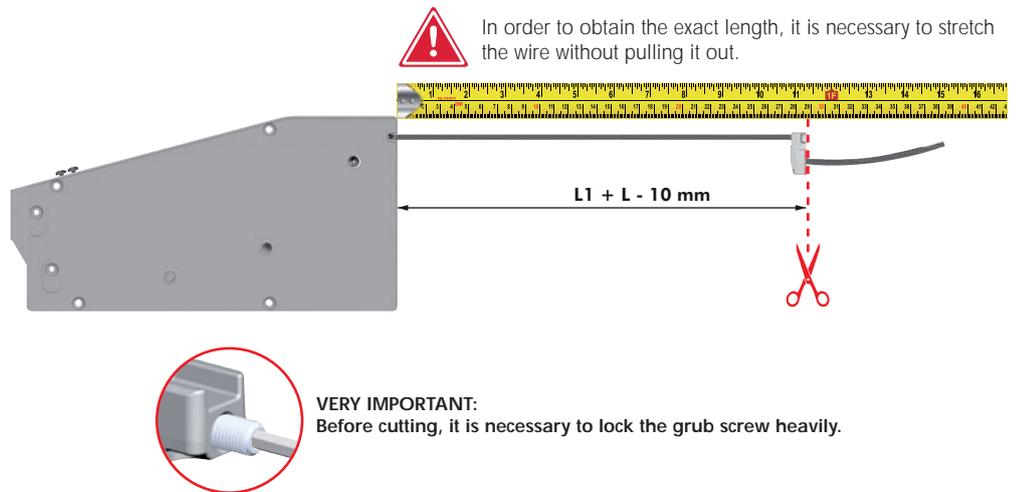
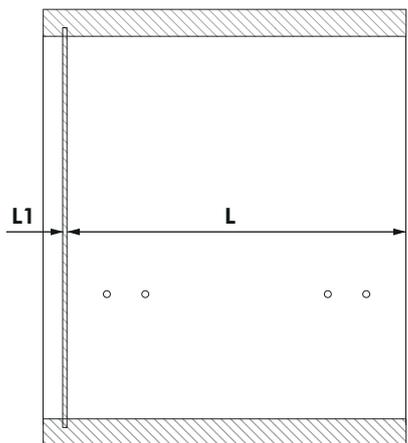
## DOOR BRACKETS COVER CAP INSERTION



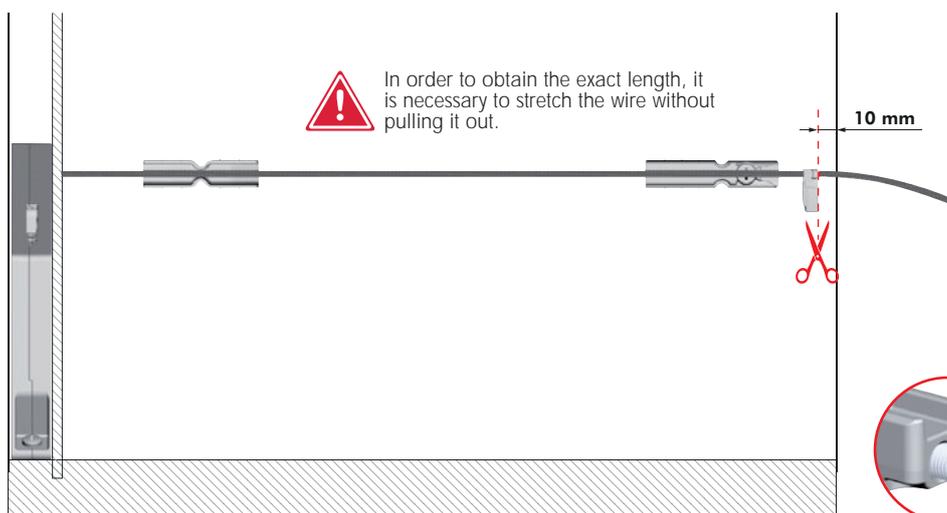
Place the cover cap on the door bracket before lifting the door.

## INSTRUCTIONS FOR WIRE CUTTING

### WIRE CUTTING WITH UNMOUNTED MECHANISM



### WIRE CUTTING WITH MOUNTED MECHANISM

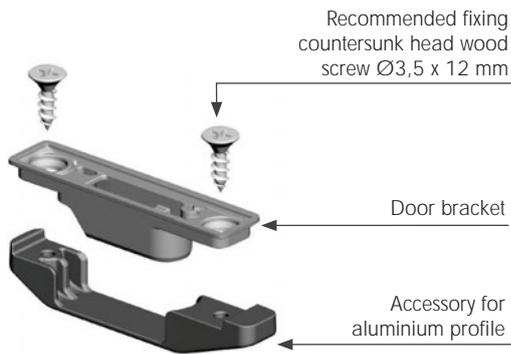




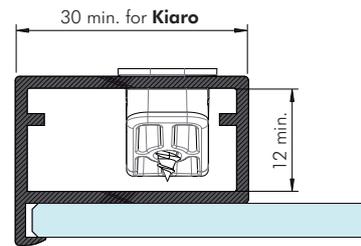
**DOOR BRACKET ACCESSORY FOR DOORS WITH ALUMINIUM PROFILE**



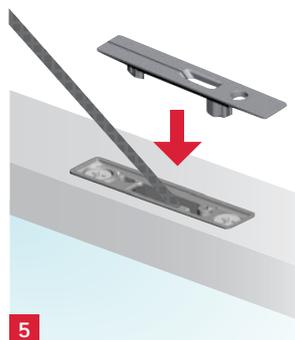
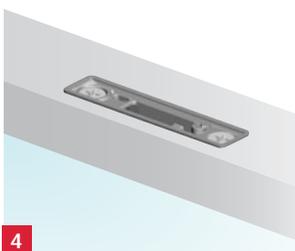
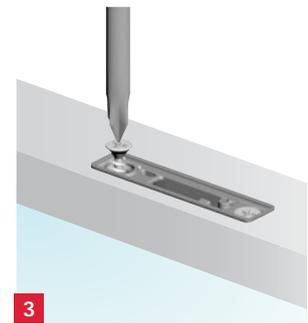
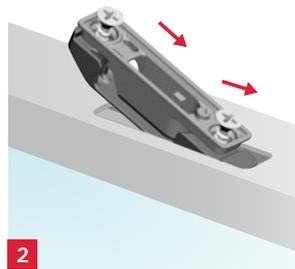
**DOOR BRACKET INSTALLATION**

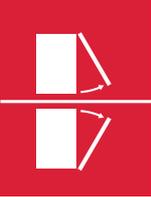


**DOOR SPECIFICATION**



Join the door bracket with the accessory keeping the screws loose

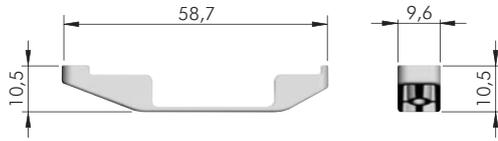




OPENING  
SYSTEMS FOR  
FLAP AND  
DROP DOWN  
DOORS

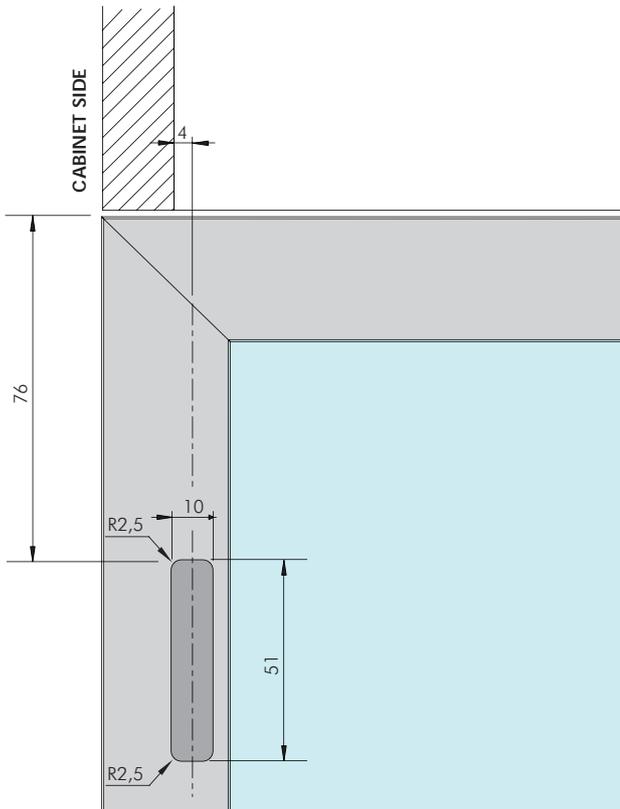
# KIARO

**ITALIANA**  
ferramenta

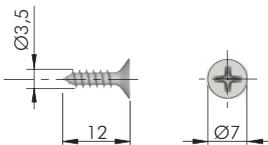


EP	= 1500 pcs.
<b>4630208000</b>	

## DRILLING PLAN FOR KIARO



## FIXING ACCESSORY



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



# Kiaro Skin

OPENING  
SYSTEMS  
FOR LIFT  
UP AND  
DROP  
DOWN  
DOORS





OPENING  
SYSTEMS FOR  
FLAP AND  
DROP DOWN  
DOORS

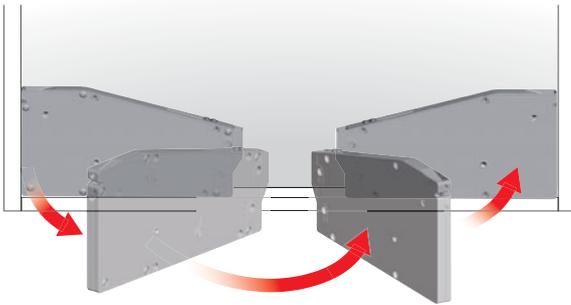
# KIARO SKIN

**ITALIANA**  
ferramenta

## KIARO SKIN

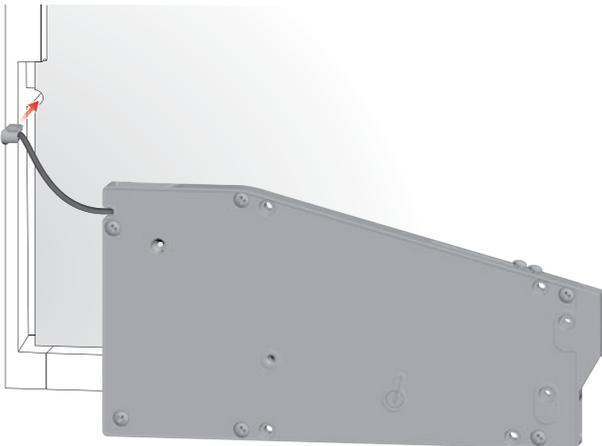


### UNHANDED MECHANISM

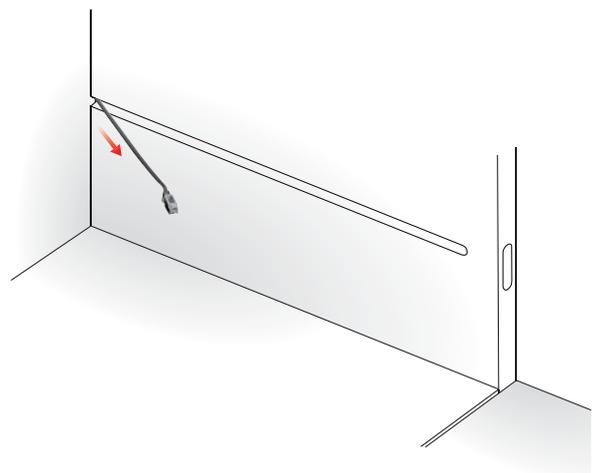


### MECHANISM INSTALLATION

#### STEP 1



#### STEP 2

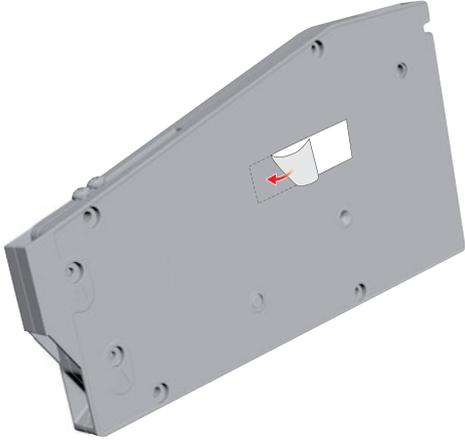




## MECHANISM FIXING

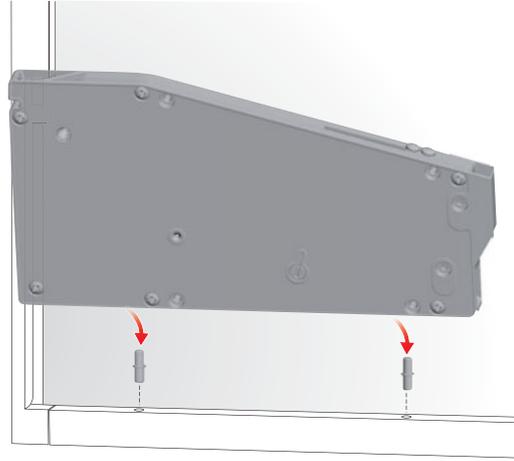
### STEP 1

Stick on the back of the mechanism a double-sided tape. (NOT INCLUDED)

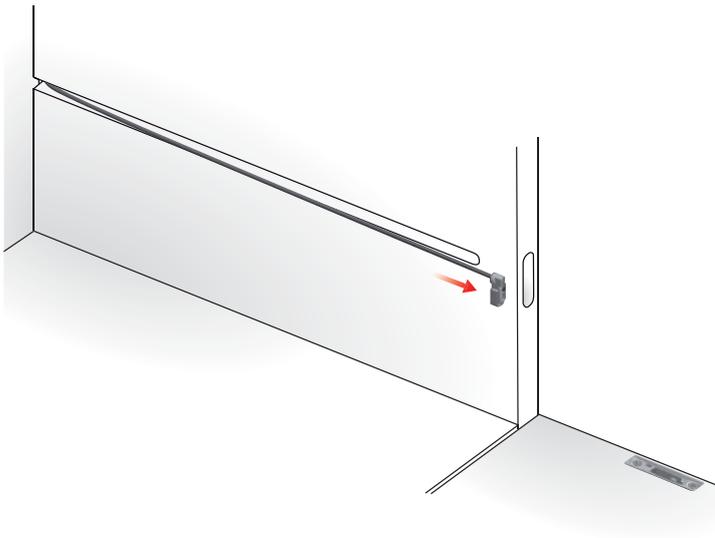


### STEP 2

Fix the mechanism onto the cabinet by using the provided pins.

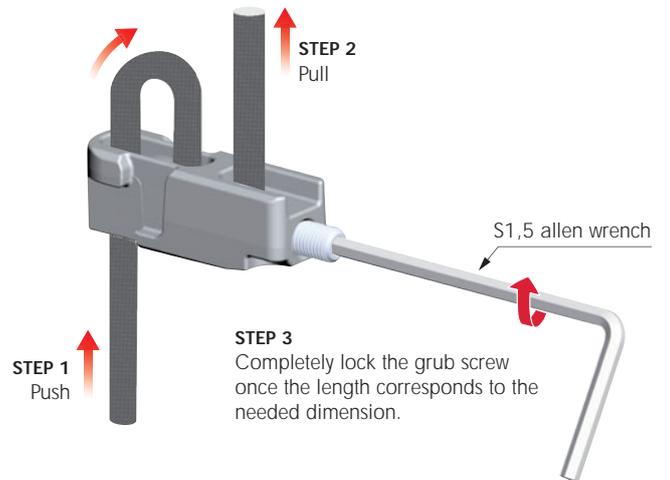


## WIRE CUTTING

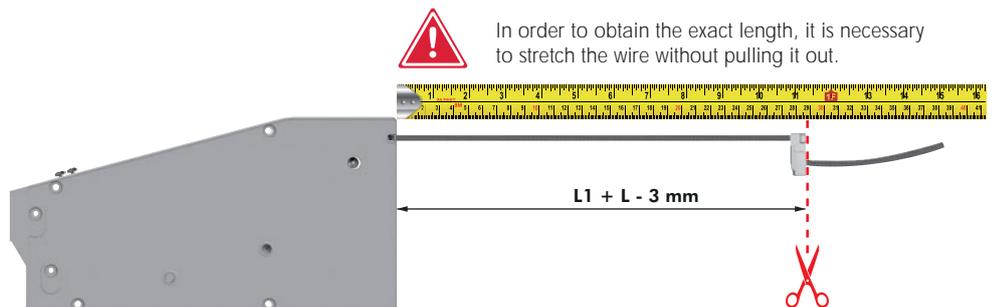
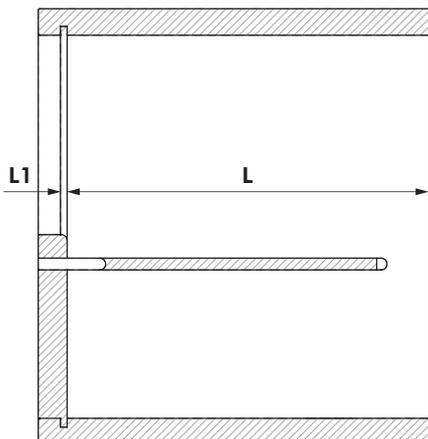


## INSTRUCTIONS FOR WIRE CUTTING

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

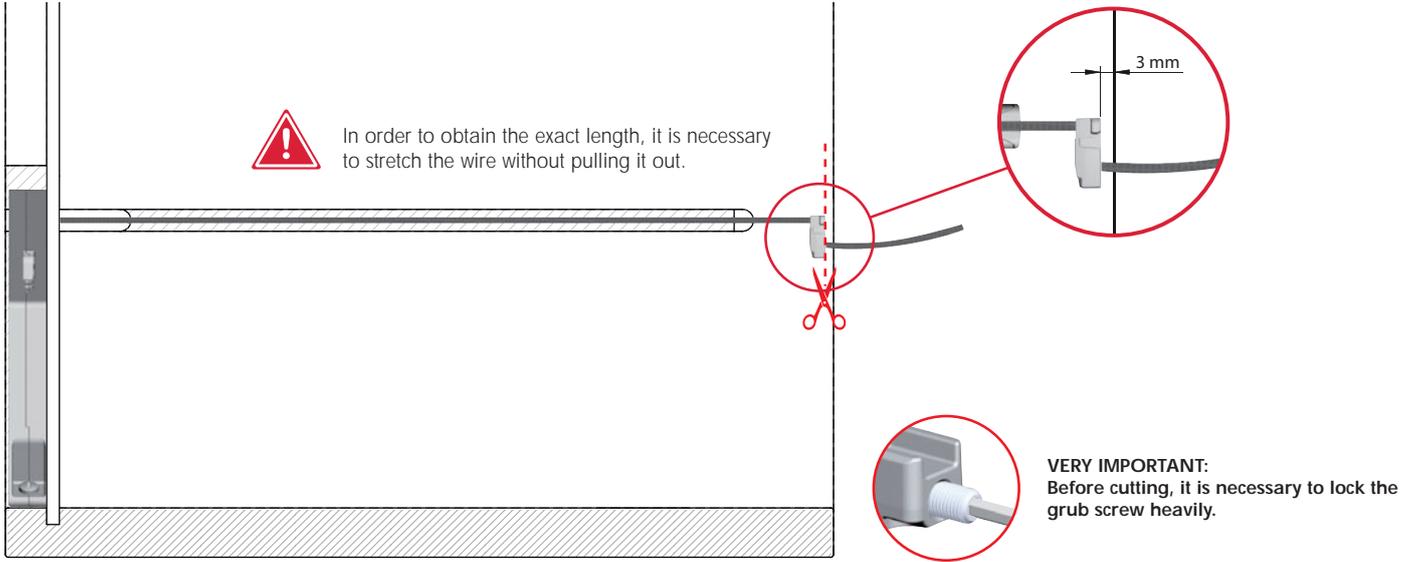


## WIRE CUTTING WITH UNMOUNTED MECHANISM

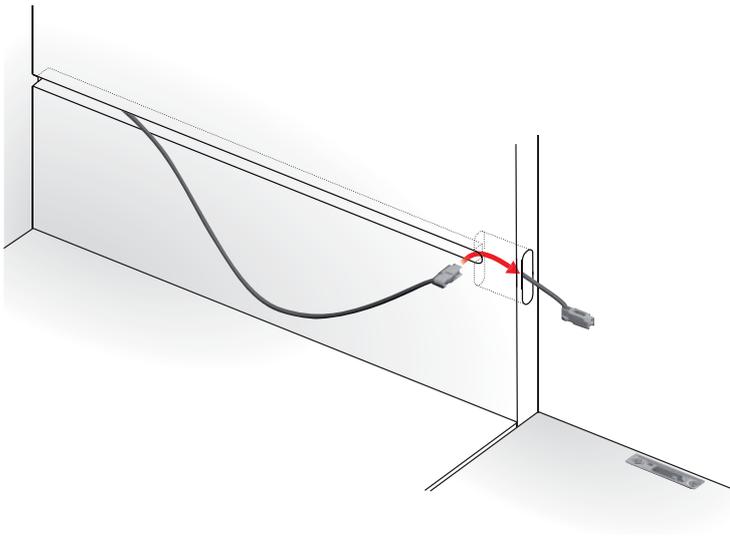


**VERY IMPORTANT:**  
Before cutting, it is necessary to lock the grub screw heavily.

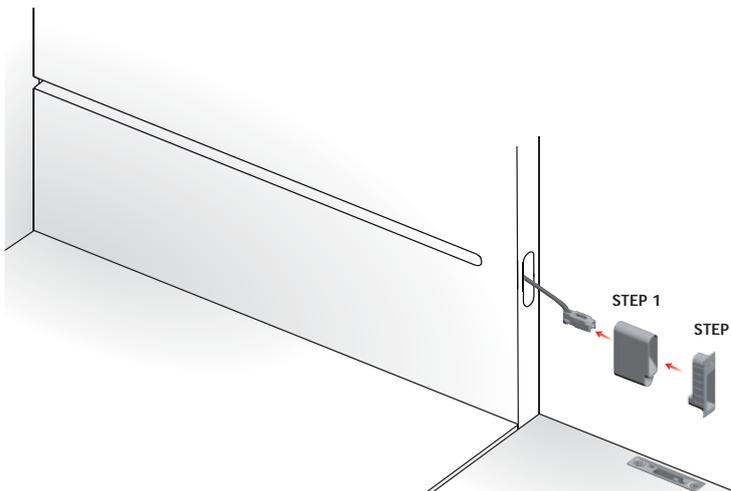
## WIRE CUTTING WITH MOUNTED MECHANISM



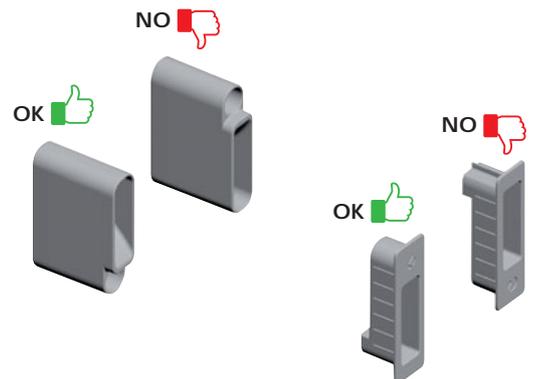
## WIRE INSERTION ON THE SIDE MILLING



## POSITIONING OF THE FRONTAL HOUSING INTO THE FRONT MILLING OF THE CABINET SIDE



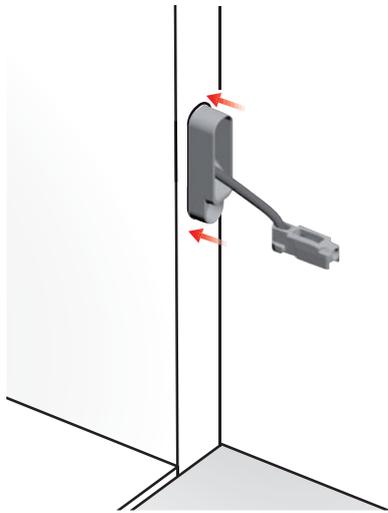
Before positioning the frontal housing into the front milling of the cabinet side, it is recommended to verify its right direction.





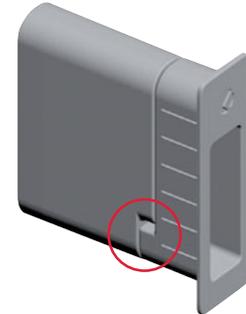
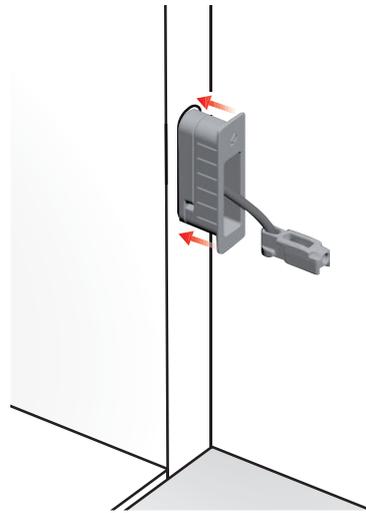
**STEP 1**

Insert partially the frontal housing.



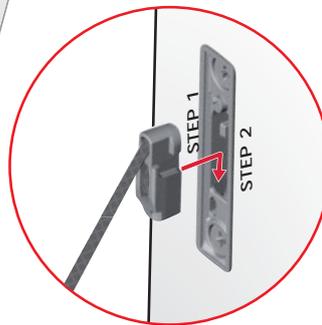
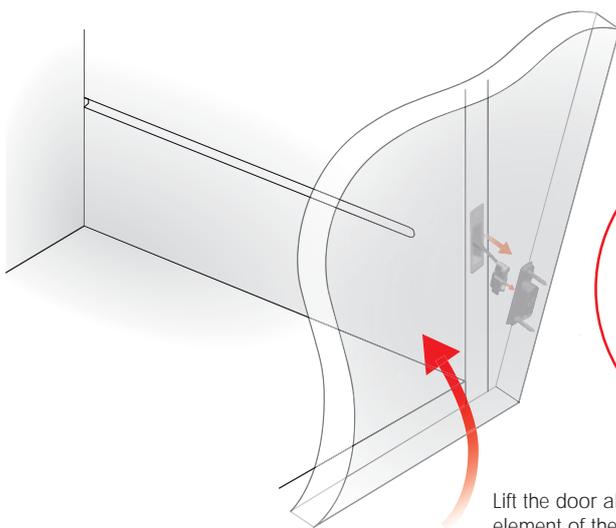
**STEP 2**

Complete the insertion by using the cover of the frontal housing.



The recess of the two pieces makes the insertion into the front milling of the cabinet side easier.

**WIRE INSERTION ONTO THE DOOR BRACKET**



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

**STEP 1**



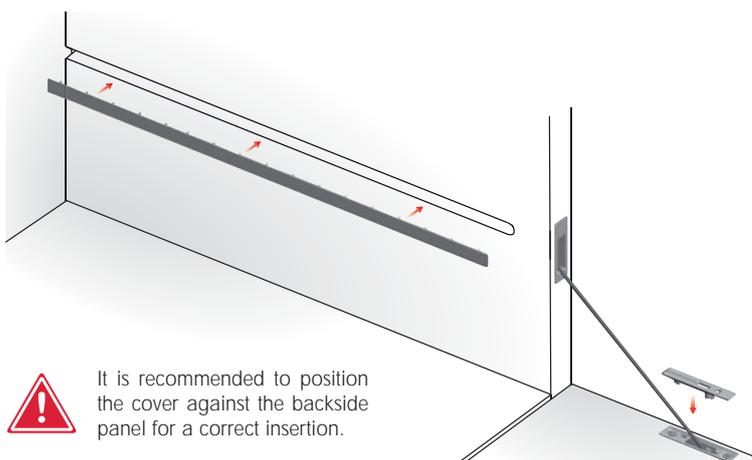
**STEP 2**



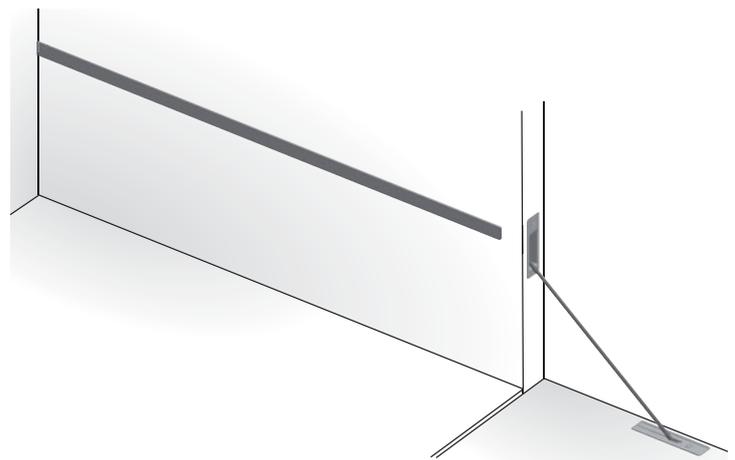
click



**COVER CAPS INSERTION**

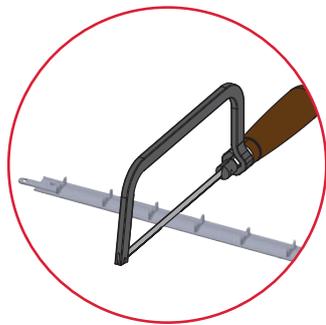


It is recommended to position the cover against the backside panel for a correct insertion.

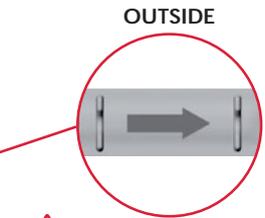
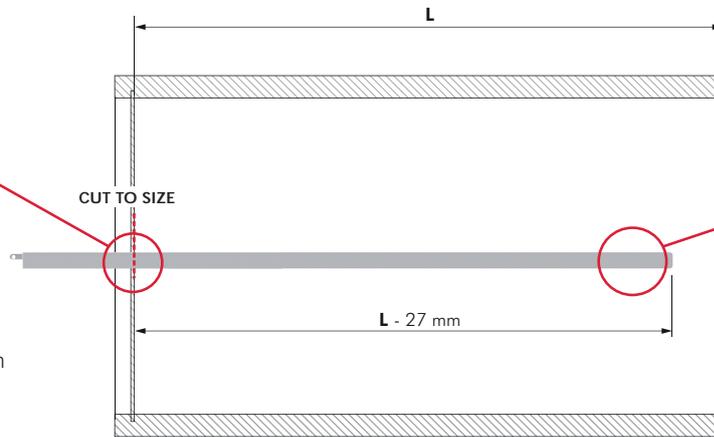


## RULES FOR SIDE COVER CUT TO SIZE

### SIDE COVER CUT TO SIZE



It is recommended to use an hacksaw to cut the cover.

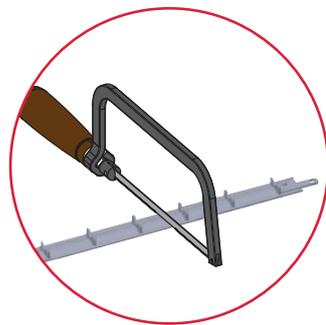


Pay attention to the arrow on the backside of the cover before to cut it. The arrow specify the external side of the cabinet.

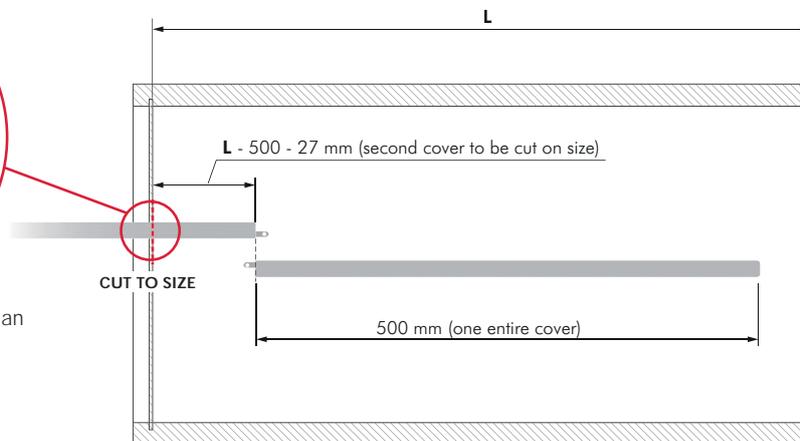
### SIDE COVER CUT TO SIZE FOR CABINET INTERNAL SPACE (L) > 527 mm



It is necessary to order 2 covers.



It is recommended to use an hacksaw to cut the cover.

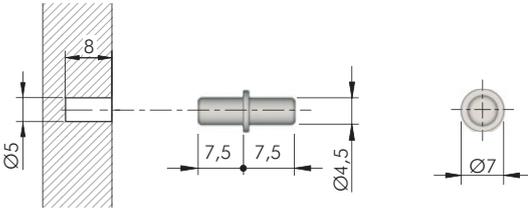
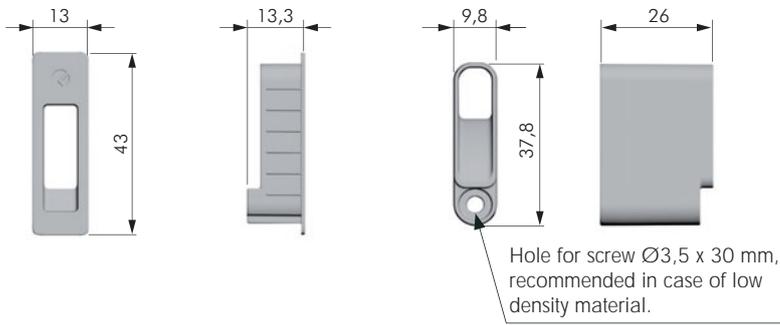


**COVERS JUNCTION**  
Make the junction before to apply the cover on the cabinet.

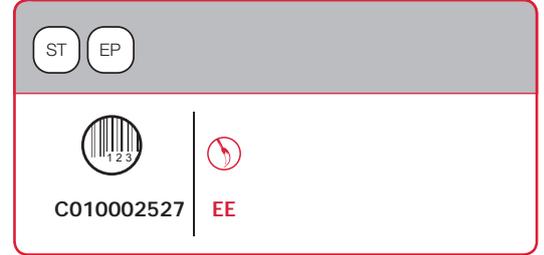
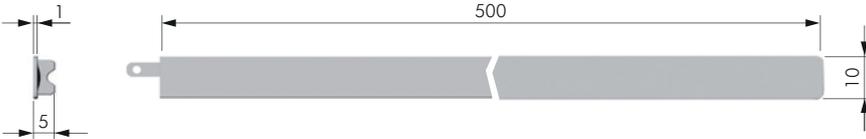




## KIARO SKIN SIDE SUPPORTS



## KIARO SKIN SIDE COVER



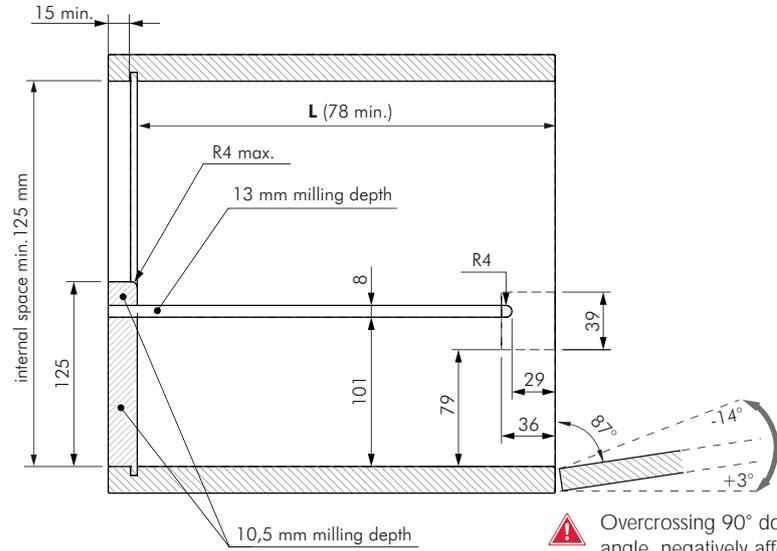
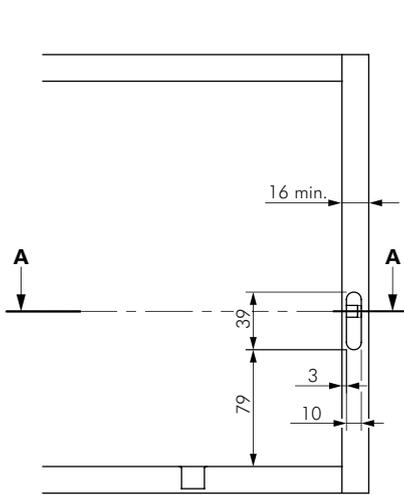
NOTE: the set includes all the components shown in the picture.



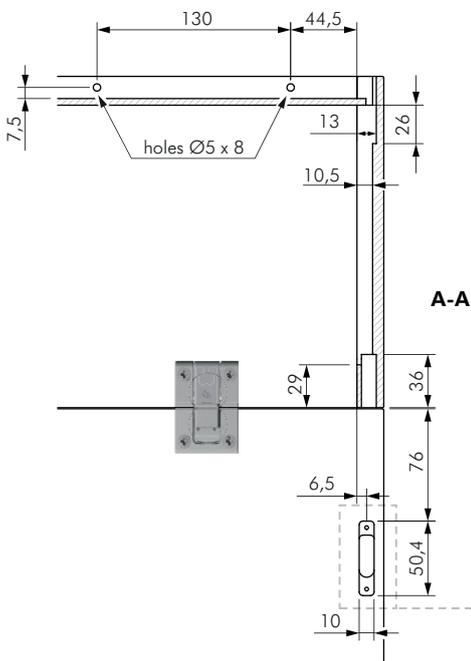
## KIARO SKIN WITH KIMANA HINGE



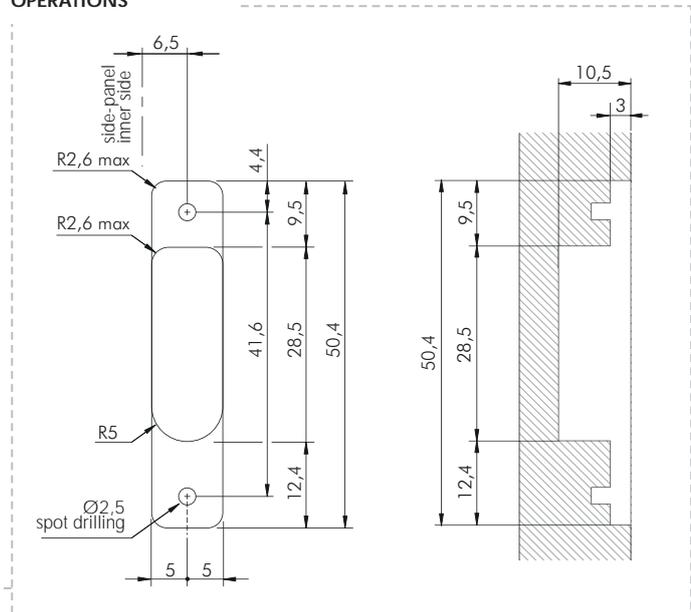
### SIDE-PANEL DRILLING OPERATIONS



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

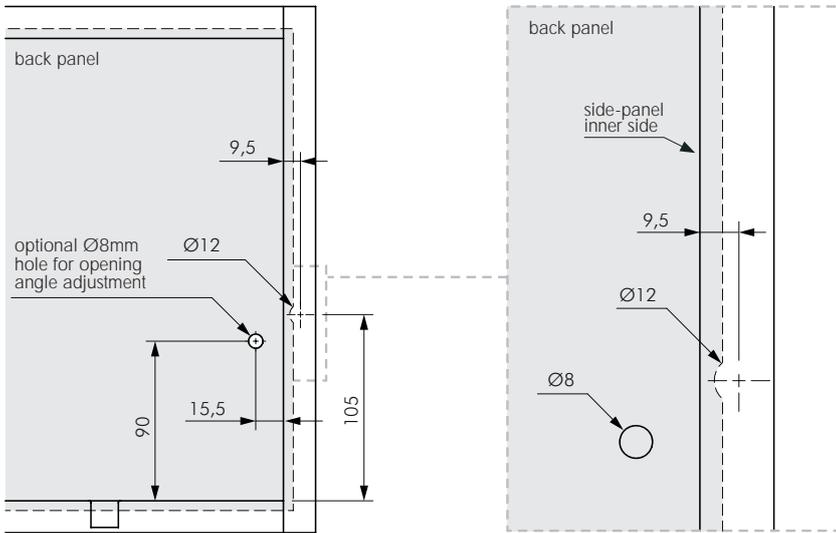


### DOOR PANEL DRILLING OPERATIONS





## BACK-PANEL DRILLING OPERATIONS

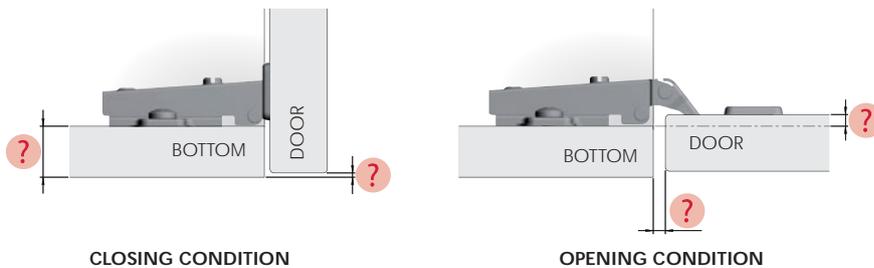


In case of door without handles it is recommended to use **K Push Tech with buffer**.

## KIARO SKIN 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 Fox

OPENING  
SYSTEMS  
FOR LIFT  
UP AND  
DROP  
DOWN  
DOORS



## KIARO FOX



### SIDE BRACKET FIXING

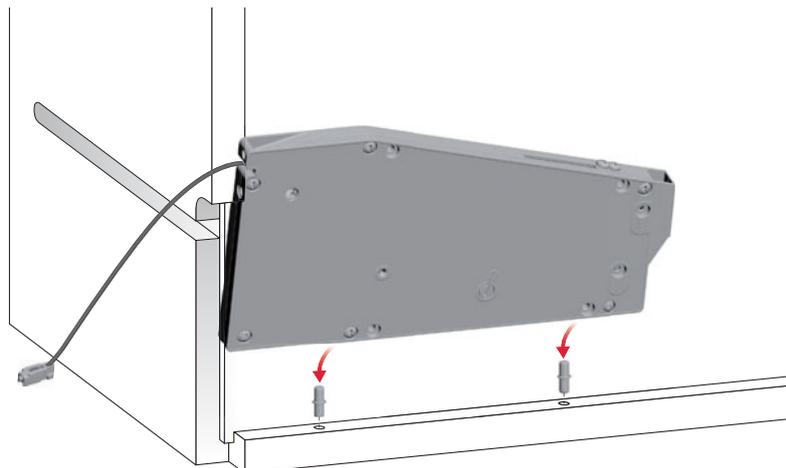


### MECHANISM FIXING

**STEP 1** - Stick on the back of the mechanism a double-sided tape. (NOT INCLUDED)

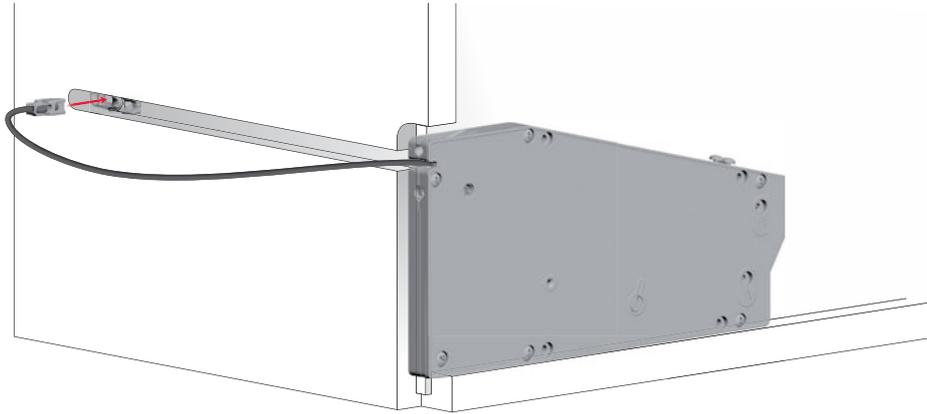


**STEP 2** - Fix the mechanism onto the cabinet by using the provided pins.

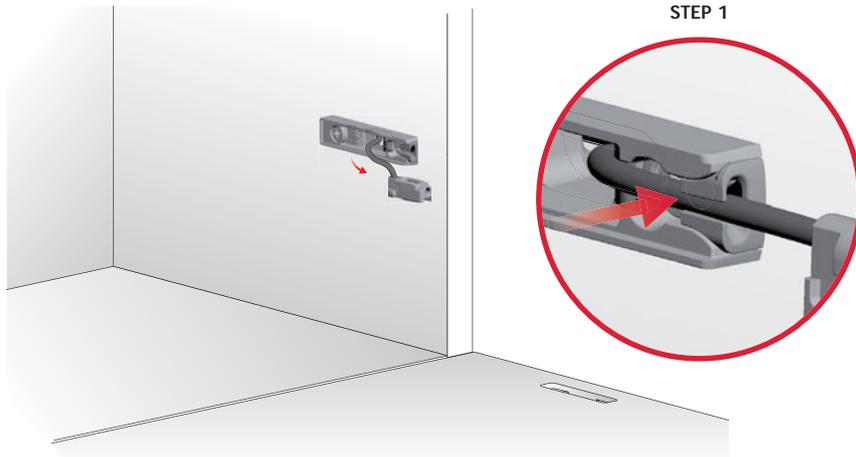




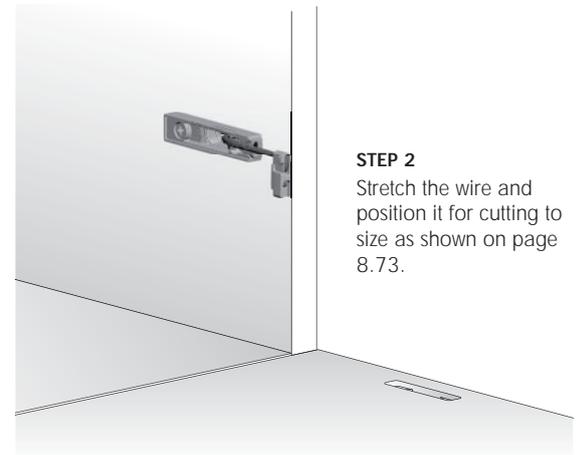
Insert the cable into the side bracket from the outside of the side panel.



### WIRE INSERTING INTO THE SIDE BRACKET

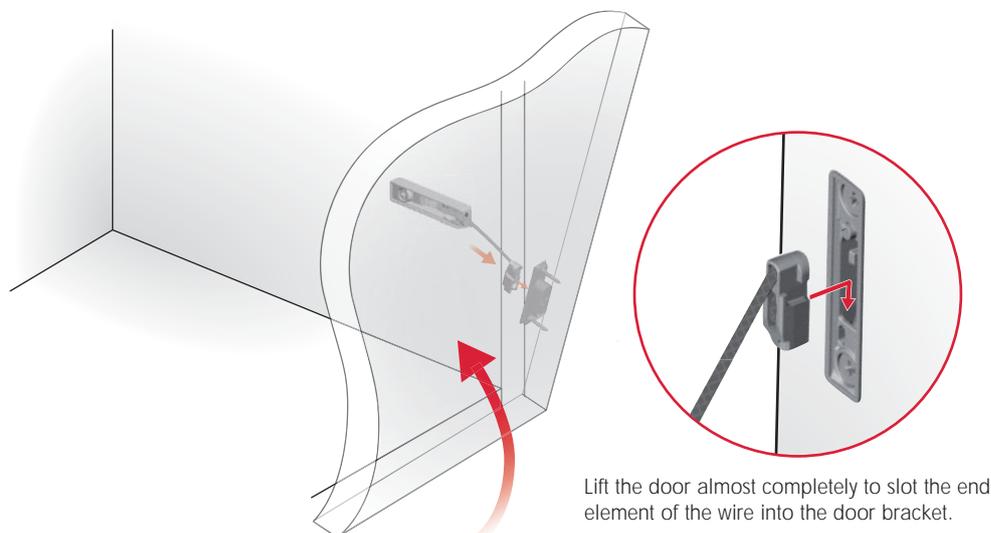


### WIRE CUTTING



**STEP 2**  
Stretch the wire and position it for cutting to size as shown on page 8.73.

### WIRE INSERTION ONTO THE DOOR BRACKET



### STEP 1

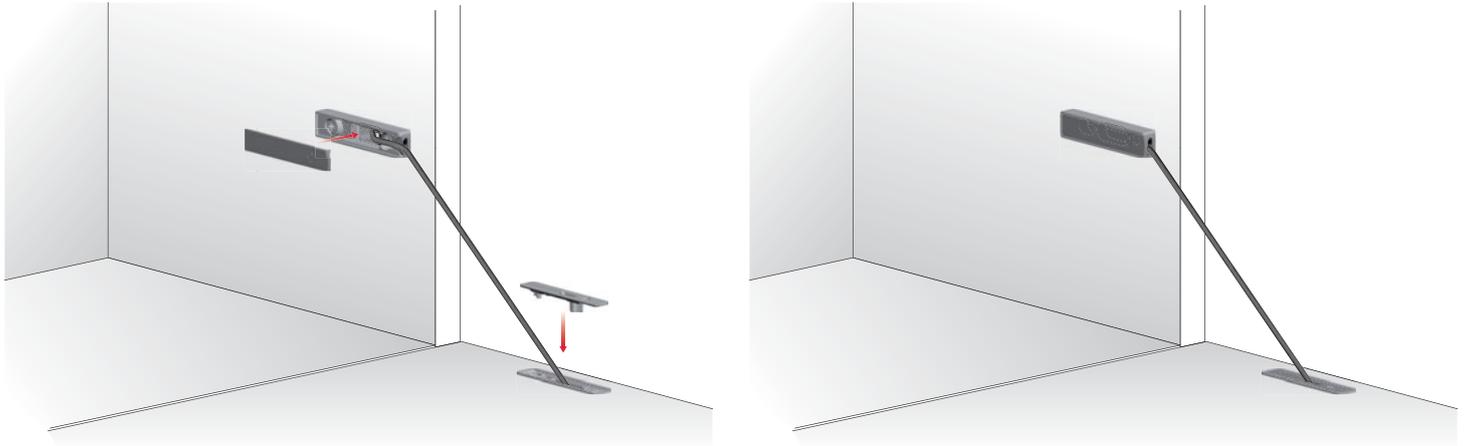


### STEP 2



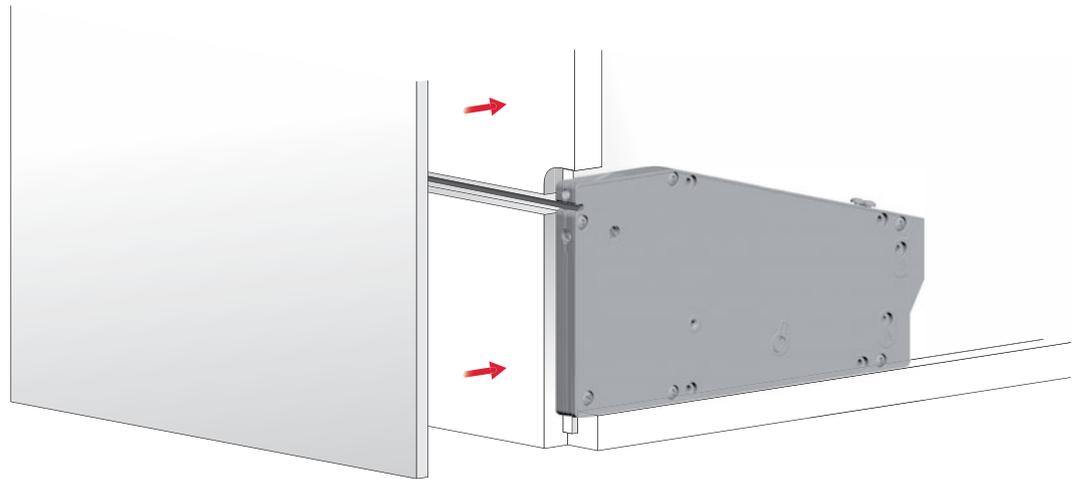
click

### COVER CAPS INSERTION

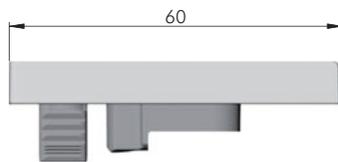
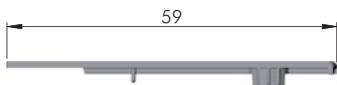


### INSTALLATION ENDING

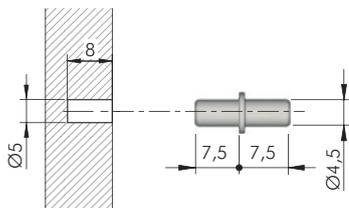
Mount the additional cover panel onto the side panel.



### KIARO FOX SET



	= Ø 5 mm
	 = 12 pcs.
	
C010002577	YA
C010002578	YQ



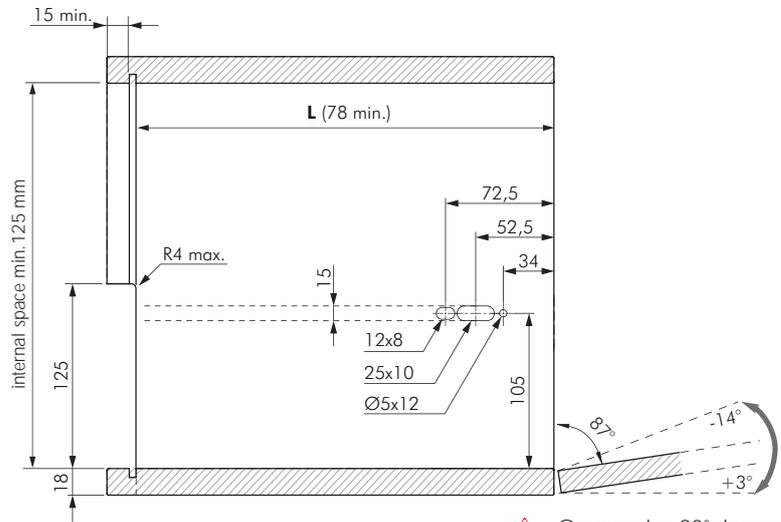
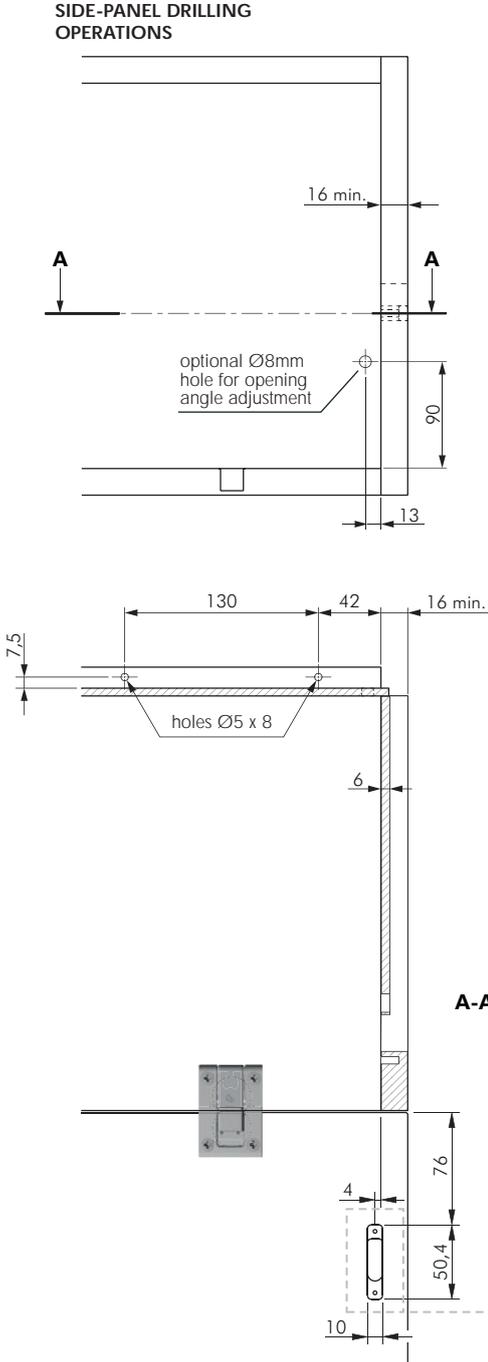
NOTE: The set includes the double-sided tape needed for the mechanism fixing onto the backside panel.



## KIARO FOX WITH KIMANA HINGE

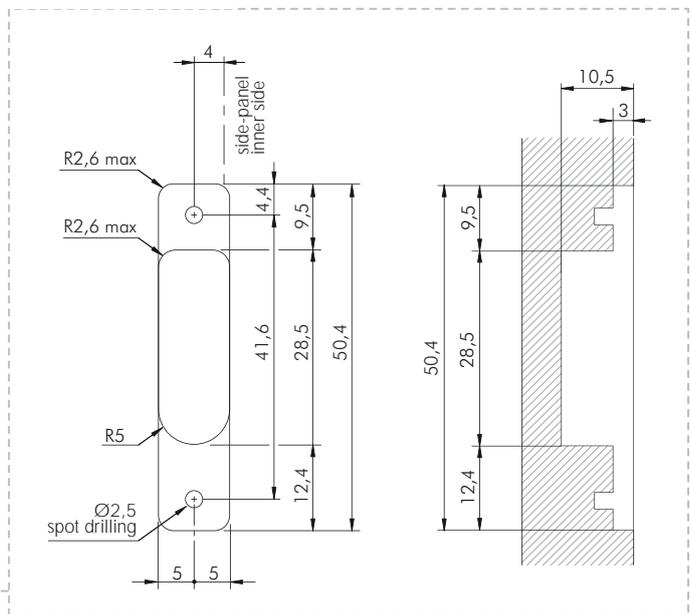


### SIDE-PANEL DRILLING OPERATIONS

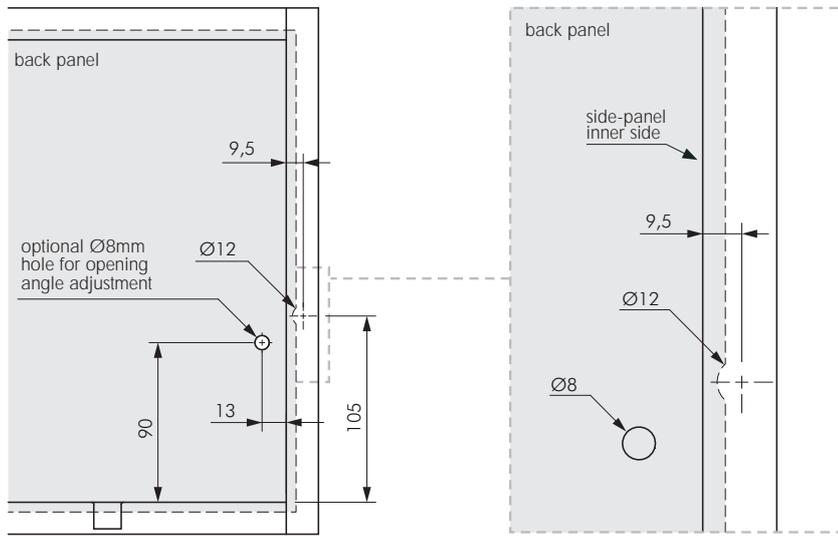


**!** Overcrossing 90° door opening angle, negatively affects the Kimana hinges.

### DOOR PANEL DRILLING OPERATIONS



## BACK-PANEL DRILLING OPERATIONS

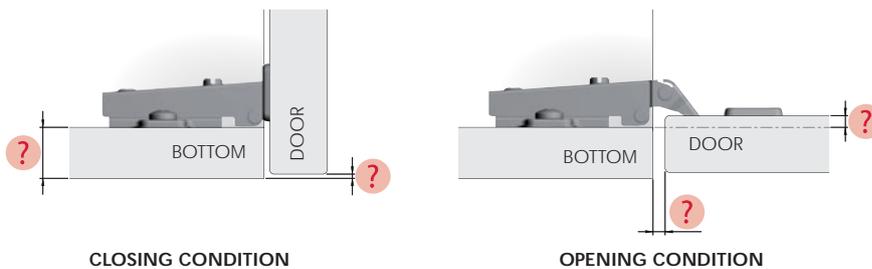


In case of door without handles it is recommended to use **K Push Tech with buffer**.

## KIARO FOX WITH STANDARD UNSPRUNG HINGES

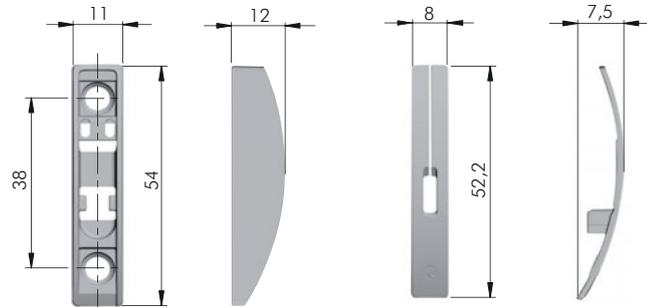
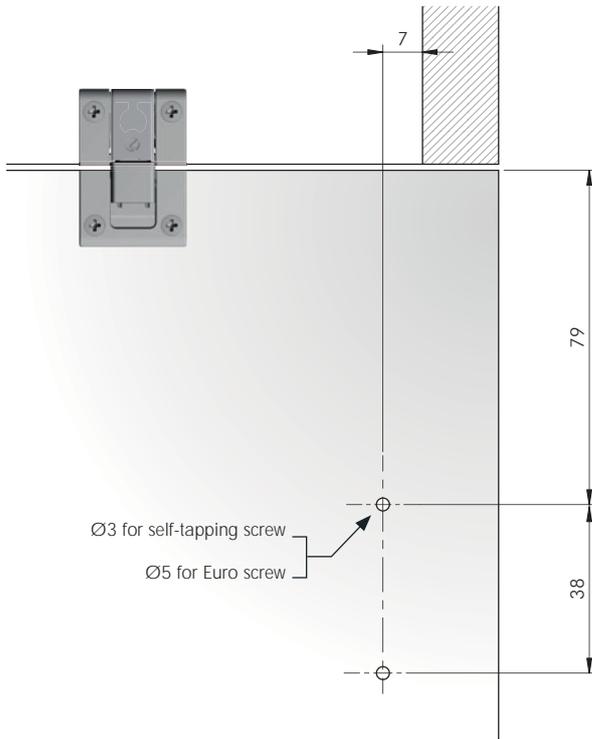


In case the hinges to be installed are not KIMANA hinges, please contact our technical department to receive the correct drilling plan. It is necessary to indicate all the values requested in the following diagram:





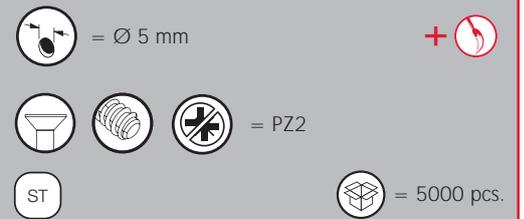
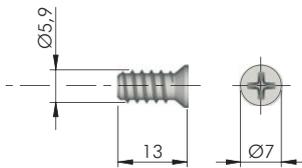
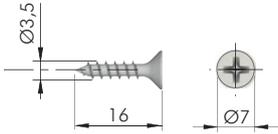
## KIARO WITH SCREW FIXING DOOR BRACKET WITHOUT MILLING ON THE DOOR



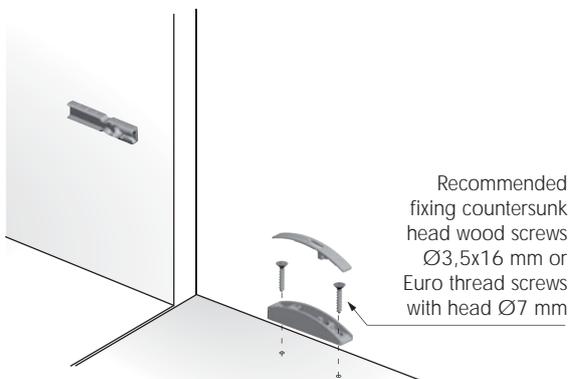
= Ø 3 mm, Ø 5 mm  
 ZA EP = 20 pcs.

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

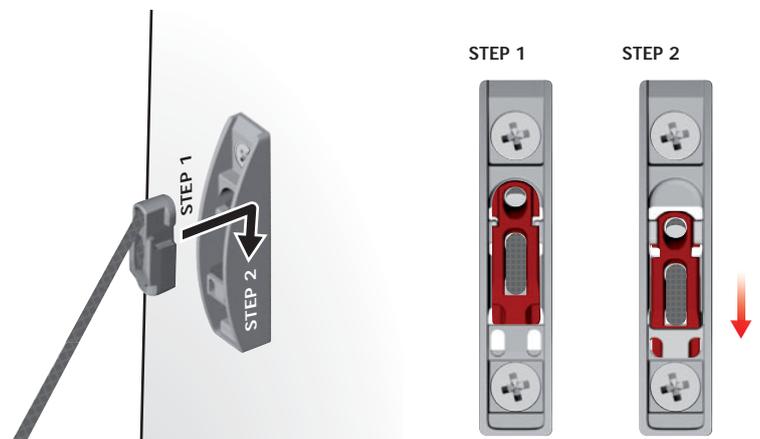
## FIXING ACCESSORIES



### DOOR BRACKET INSTALLATION



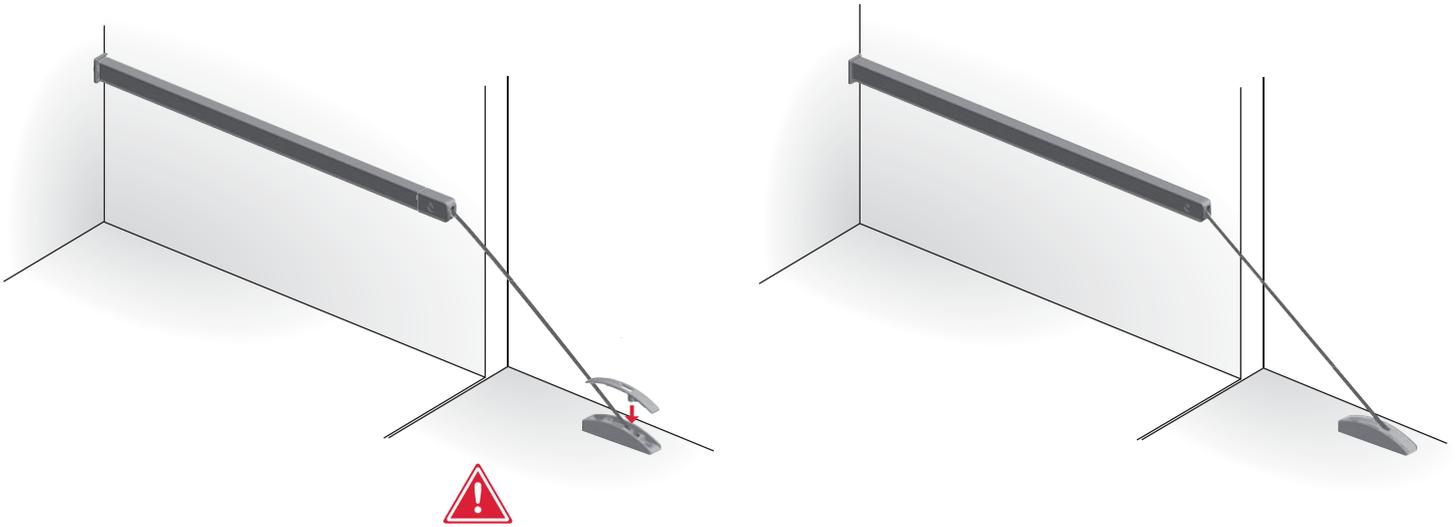
### WIRE INSERTION ONTO THE DOOR BRACKET



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



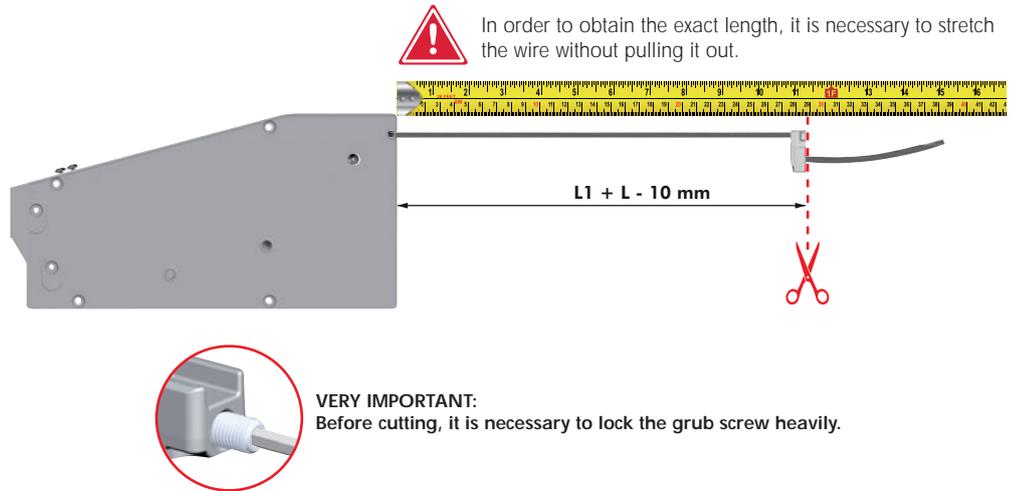
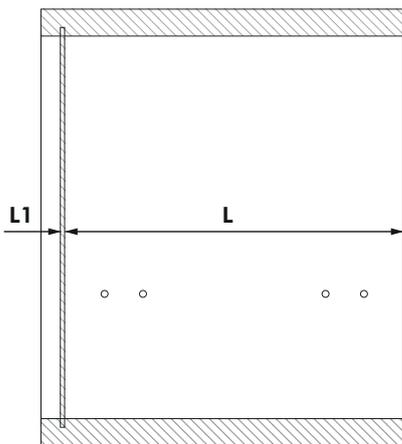
## DOOR BRACKETS COVER CAP INSERTION



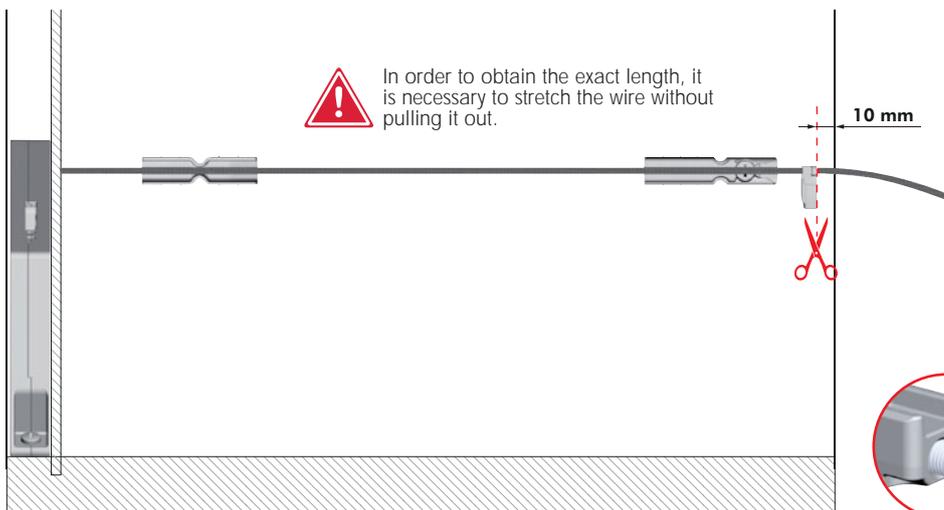
Place the cover cap on the door bracket before lifting the door.

## INSTRUCTIONS FOR WIRE CUTTING

### WIRE CUTTING WITH UNMOUNTED MECHANISM



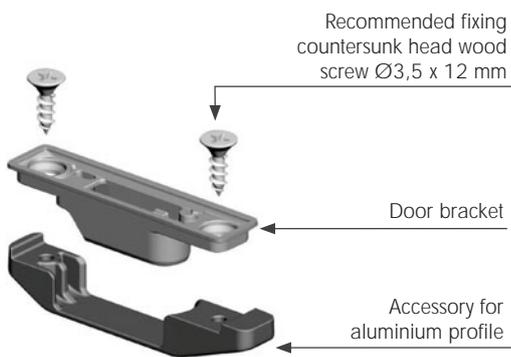
### WIRE CUTTING WITH MOUNTED MECHANISM



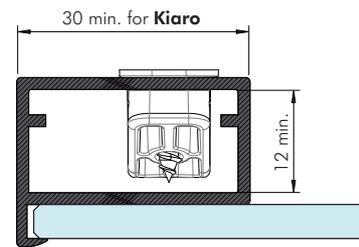
## DOOR BRACKET ACCESSORY FOR DOORS WITH ALUMINIUM PROFILE



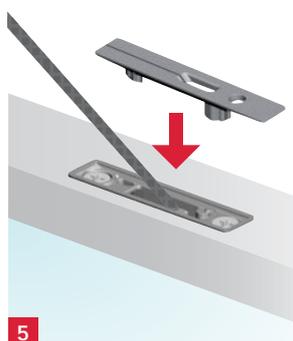
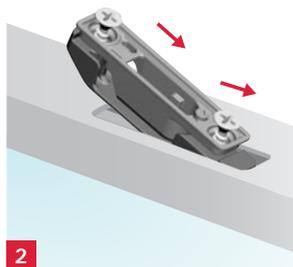
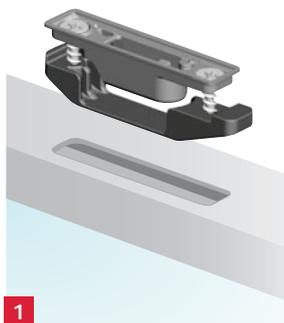
### DOOR BRACKET INSTALLATION

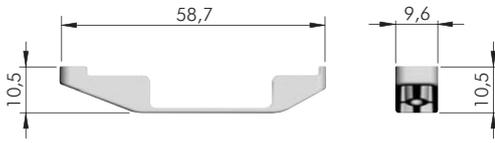


### DOOR SPECIFICATION



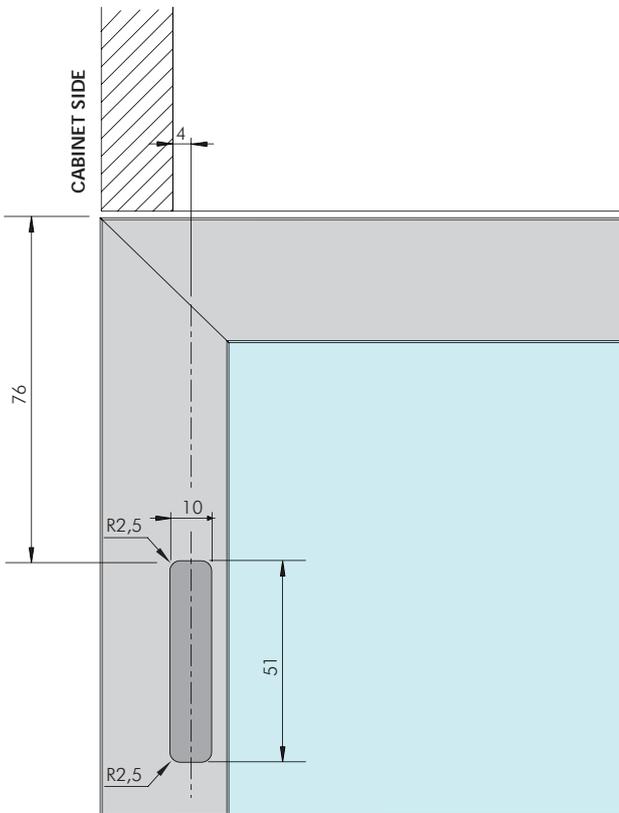
Join the door bracket with the accessory keeping the screws loose



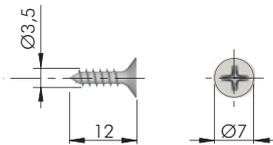


EP	= 1500 pcs.
<b>4630208000</b>	

**DRILLING PLAN FOR KIARO**



**FIXING ACCESSORY**



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



# Kiaro Deck

OPENING  
SYSTEMS  
FOR LIFT  
UP AND  
DROP  
DOWN  
DOORS



## KIARO DECK - Alternative applications of Kiaro

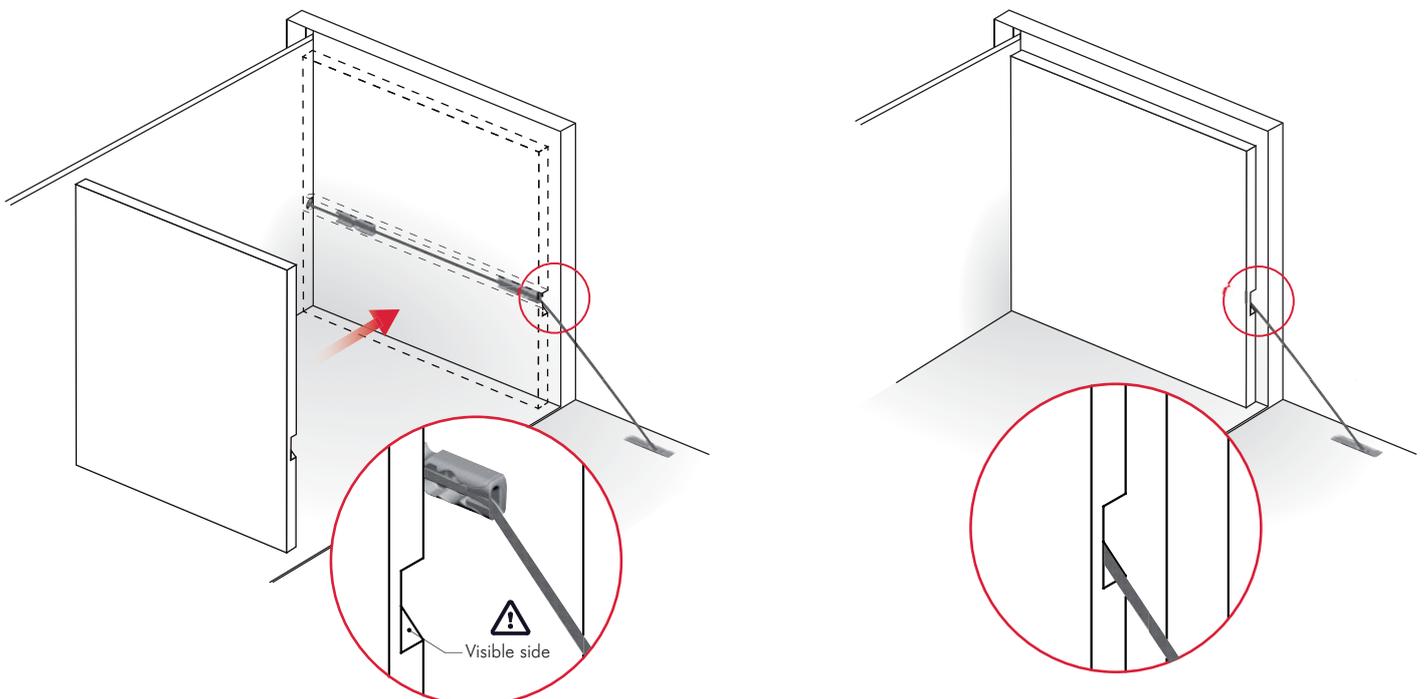
### KIARO DECK - Version 1

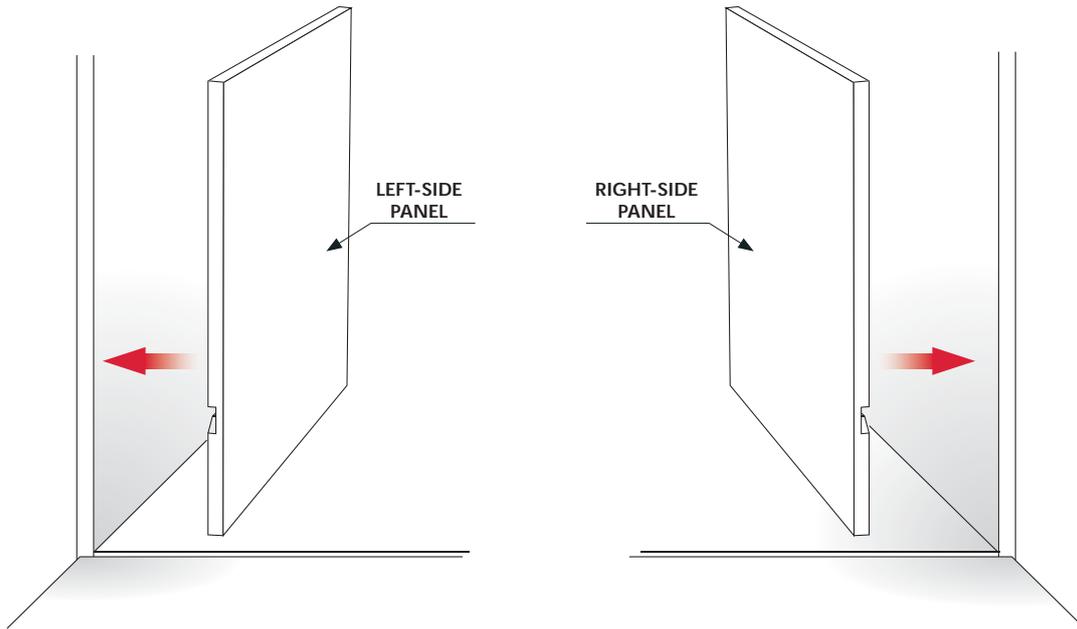


**NOTE:**

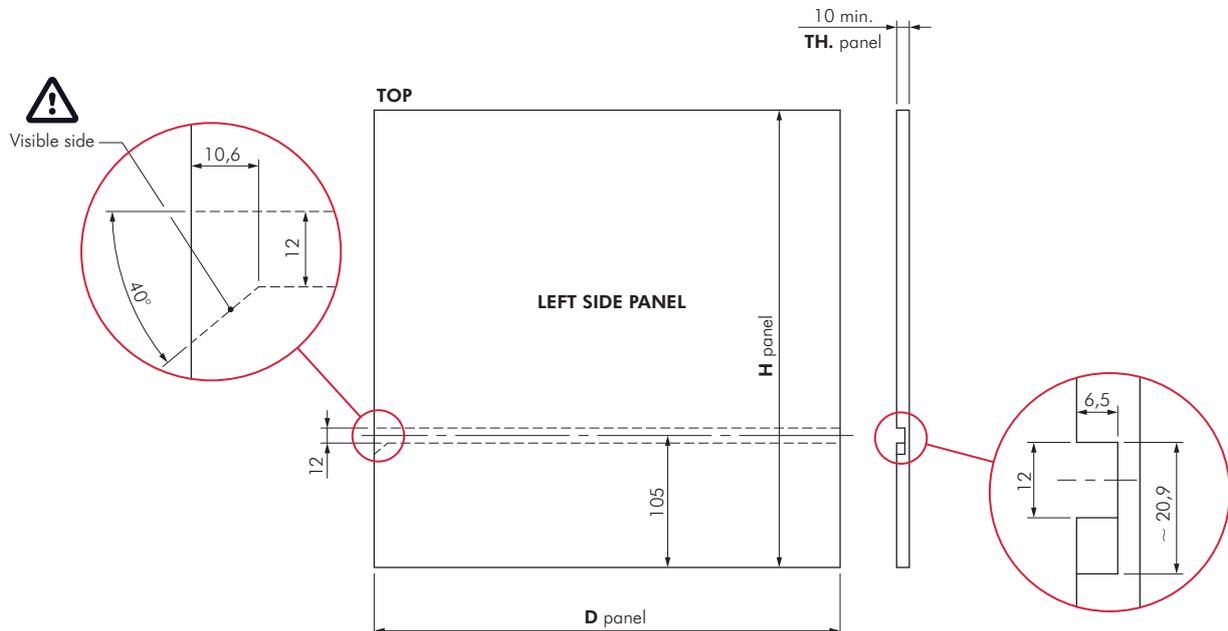
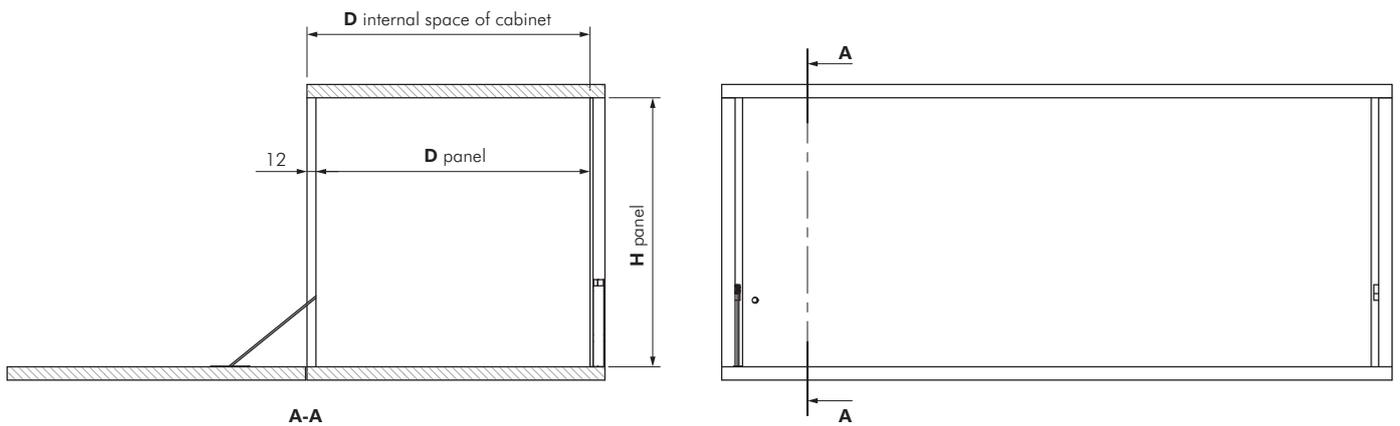
The following installation and technical drawings refer only to the cover panel for Kiaro Deck application. **For installation and drilling plans of Kiaro please refer to the dedicated brochure or catalogue section.**

**INTERNAL PANEL INSTALLATION**





**INTERNAL PANEL DIMENSIONS AND MILLING OPERATION**



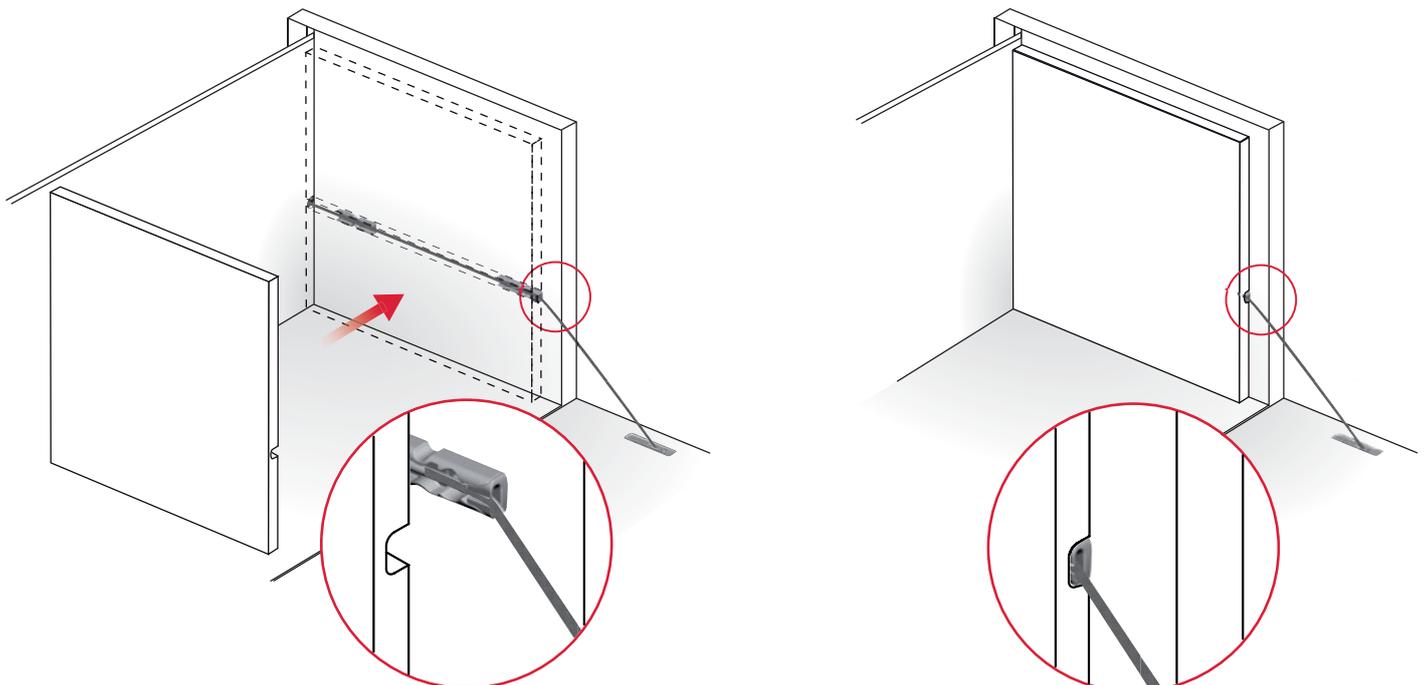
## KIARO DECK - Version 2

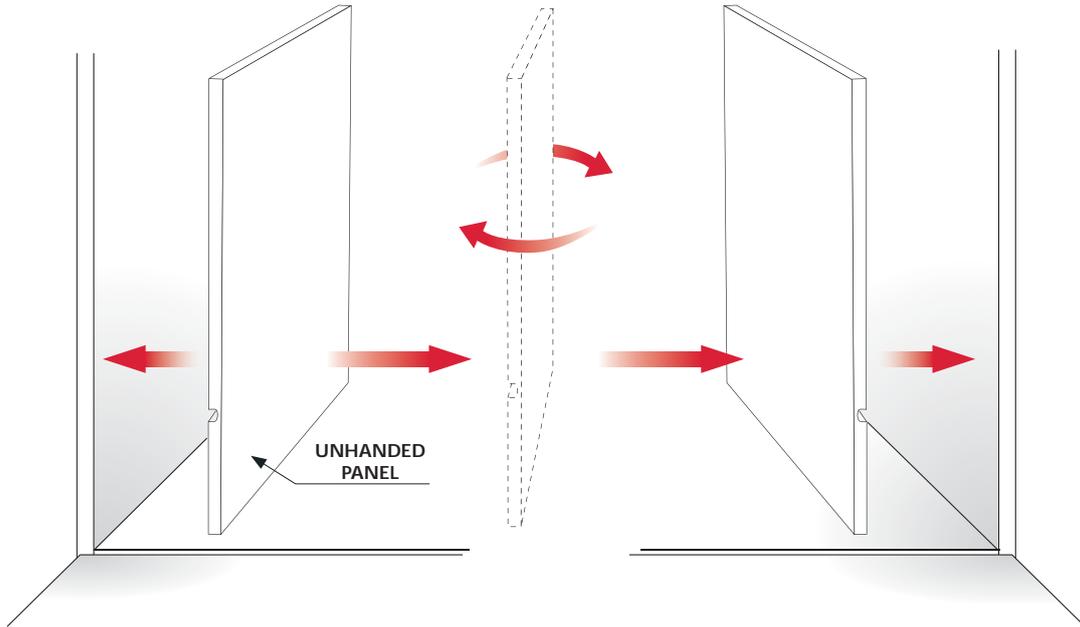


### NOTE:

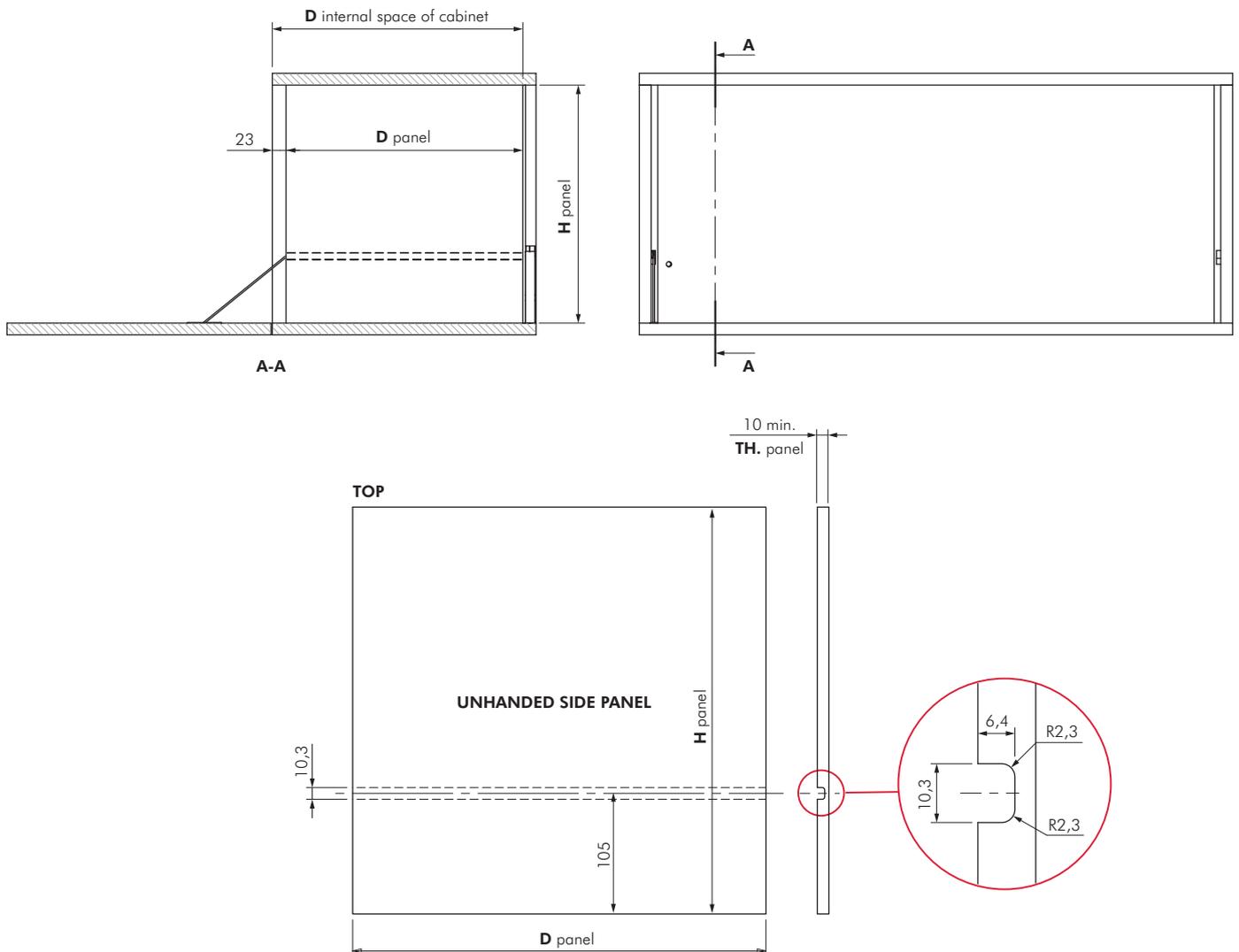
The following installation and technical drawings refer only to the cover panel for Kiaro Deck application. **For installation and drilling plans of Kiaro please refer to the dedicated brochure or catalogue section.**

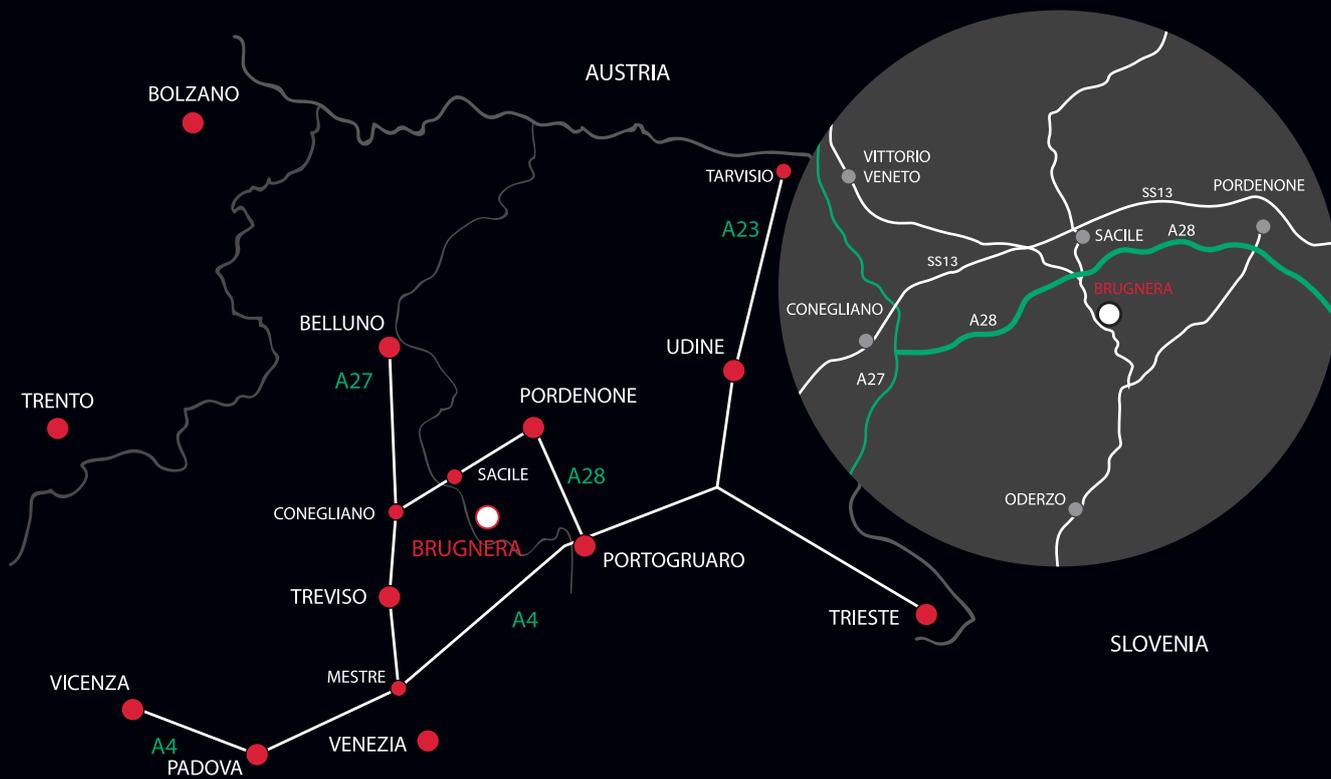
### INTERNAL PANEL INSTALLATION





INTERNAL PANEL DIMENSIONS AND MILLING OPERATION





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