

# ATHALIUM

Elevating Spaces with Italian Precision

DOORS



GIROVETRO / HINGED DOOR

# TABLE OF CONTENT

<b>01</b>	Introduction .....	03	<b>05</b>	Lock Fixing	
<b>02</b>	Materials & Tools			Key Assembly .....	11
	Main Components .....	05		Magnetic Lock & Covers .....	12
<b>03</b>	Hinge Fixing			Lock & Strike Position .....	13
	Hinge Positioning .....	06	<b>06</b>	Glass Dimensions	
	Frame Groove Specification .....	07		Groove & Strike Alignment .....	15
	Assembly And Configuration .....	08-09	<b>07</b>	Door Shutters	
<b>04</b>	Door Dimensions			Colors & Glass Selection .....	16
	Width And Height .....	10			

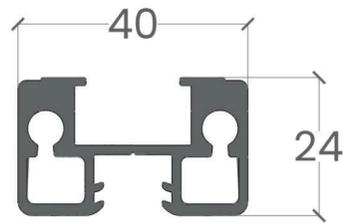
# INTRODUCTION

The Girovetro CB Doors catalogue features a hinged door with an aluminium framing profile, designed for modern interior applications. The system includes a recessed hinge and a magnetic locking system for smooth and clean operation. Detailed plan, elevation, and section drawings with dimensions are provided to support accurate installation and coordination.

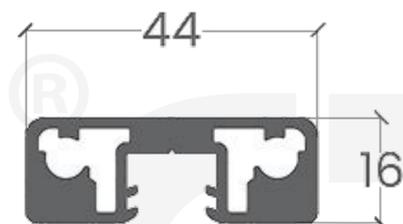


# MATERIALS & TOOLS

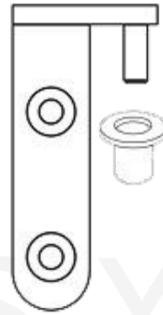
## Main Components



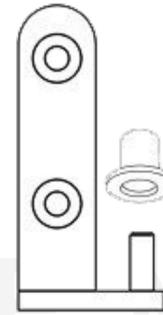
Horizontal Profile



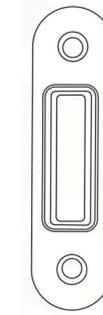
Vertical Profile



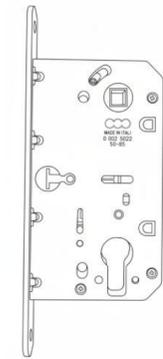
Top Hinge



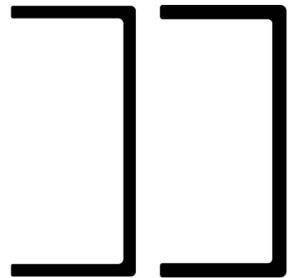
Bottom Hinge



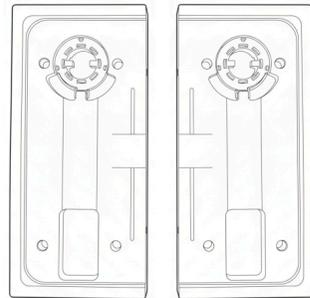
Strike Plate



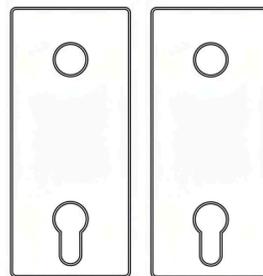
Magnetic Lock Body



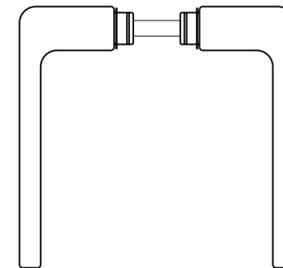
Rubber Insert



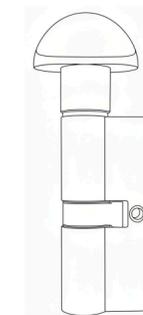
Concealed Insert Plate



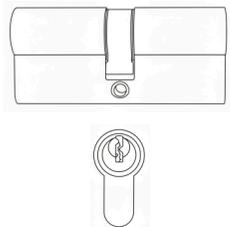
Wooden Unit Connector



Handle



Cylinder Lock With Nobe

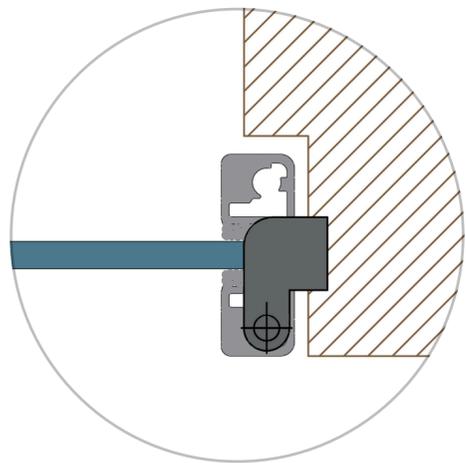


Standard Cylinder Lock

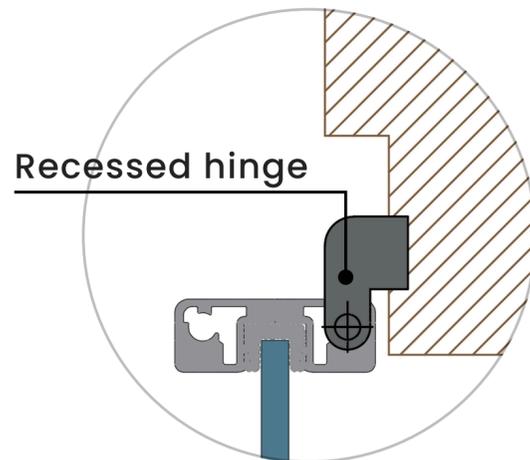
# HINGE FIXING

## Hinge Positioning

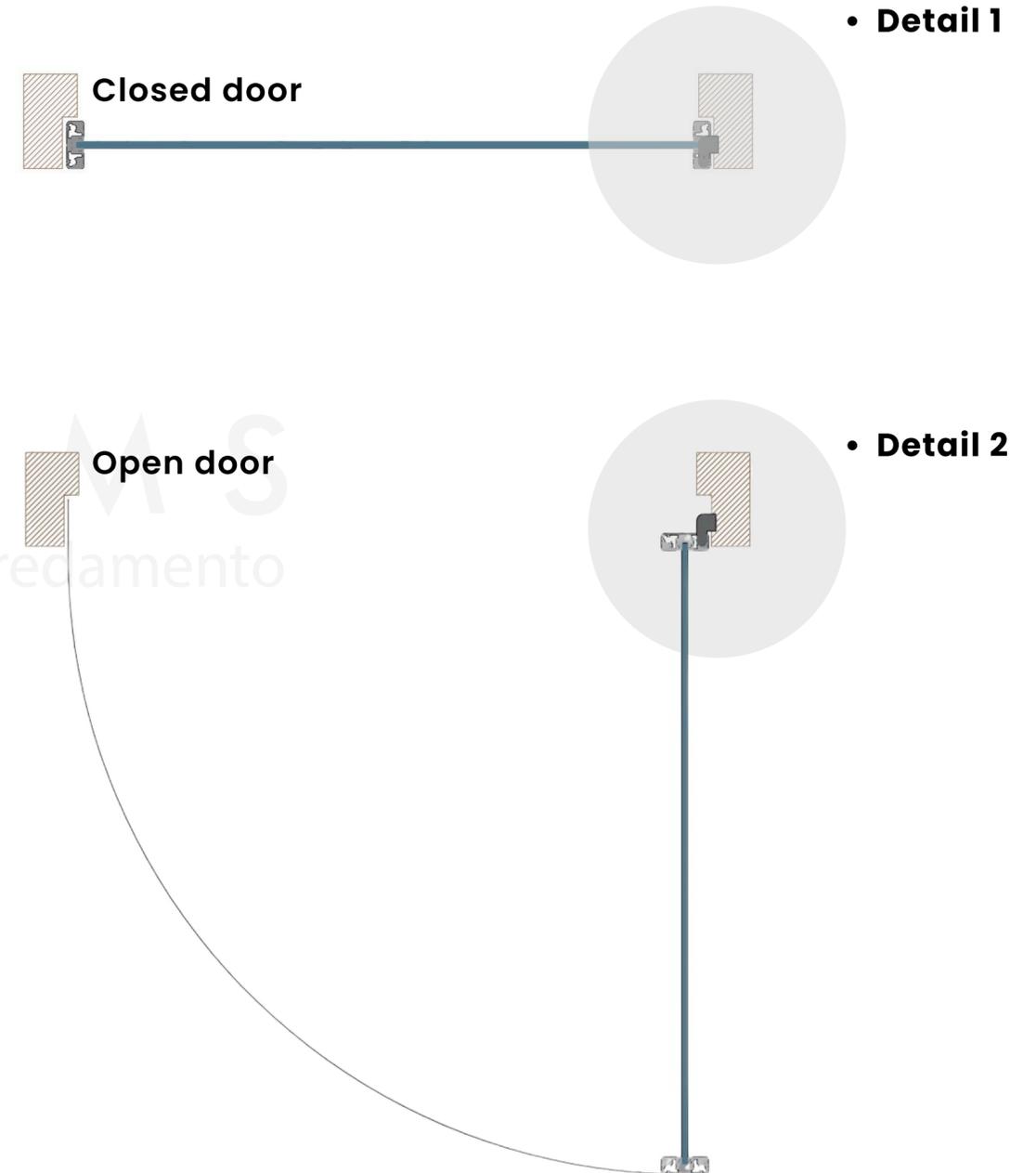
Plan view illustrates the door's swing path and the recessed hinge integration, providing a clear understanding of hinge placement and installation requirements.



- **Detail 1**  
Hinge fixing in the door's closed position.



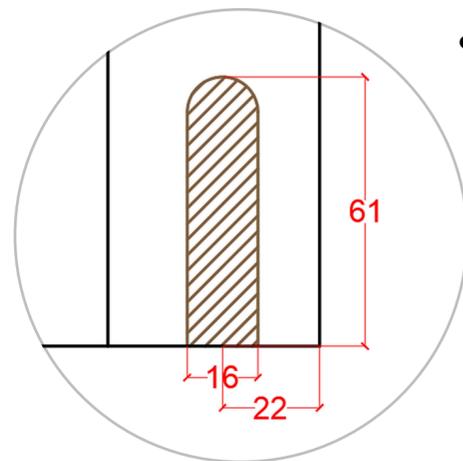
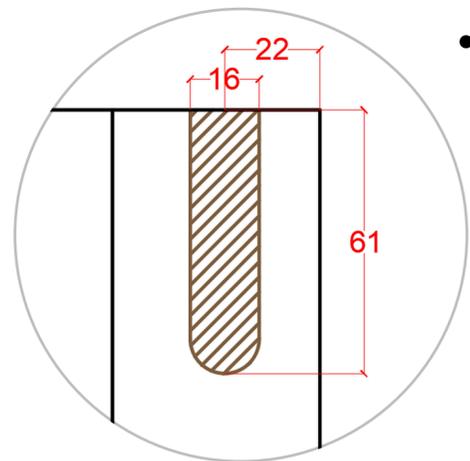
- **Detail 2**  
Hinge fixing in the door's open position.



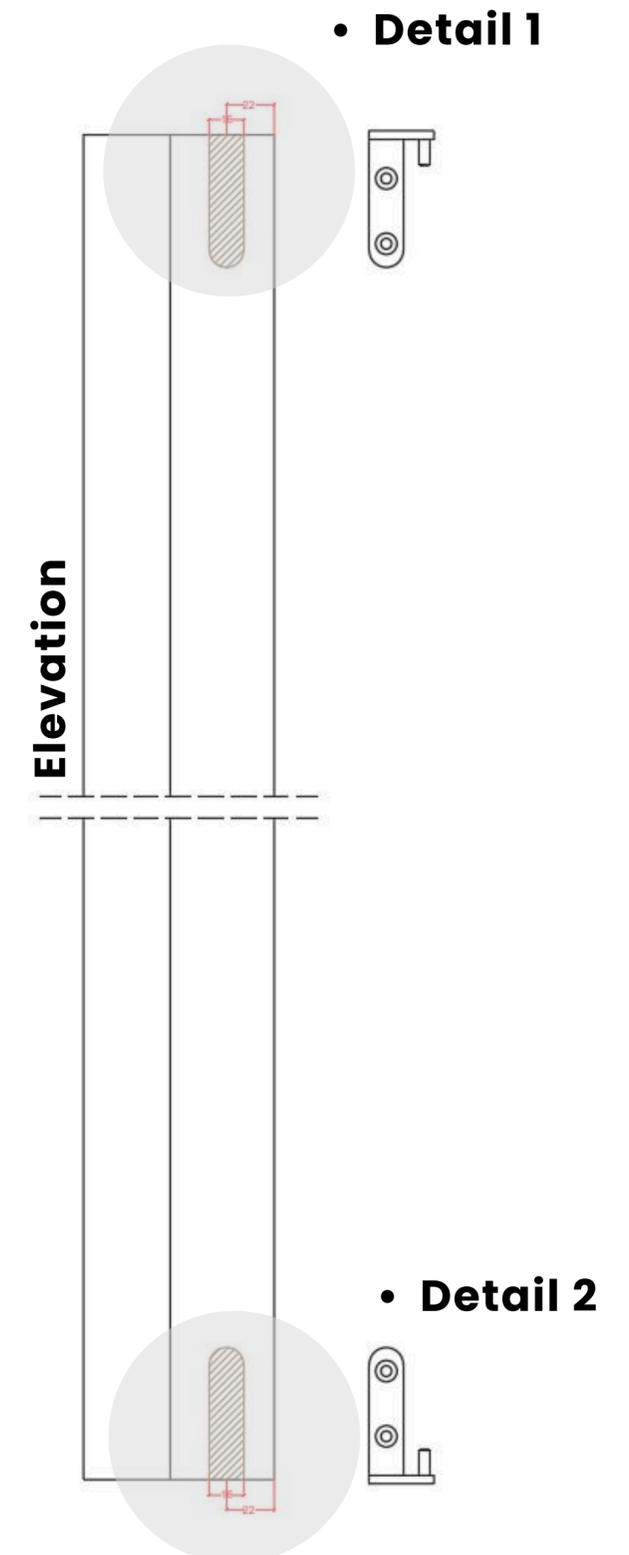
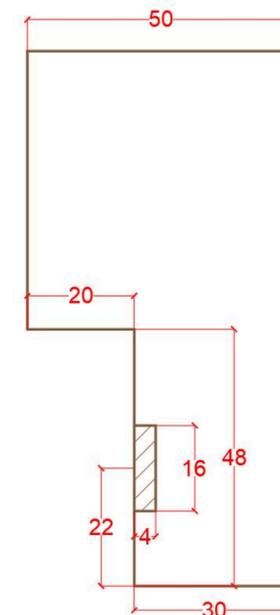
# HINGE FIXING

## Frame Groove Specifications

- The recess groove dimensions are detailed in both plan and elevation views to indicate the precise machining required.
- Compatible with 48 mm wooden frame.



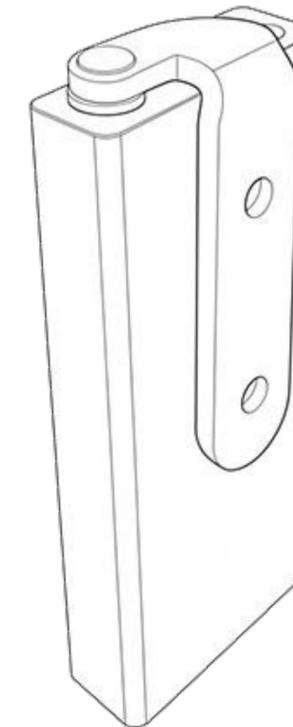
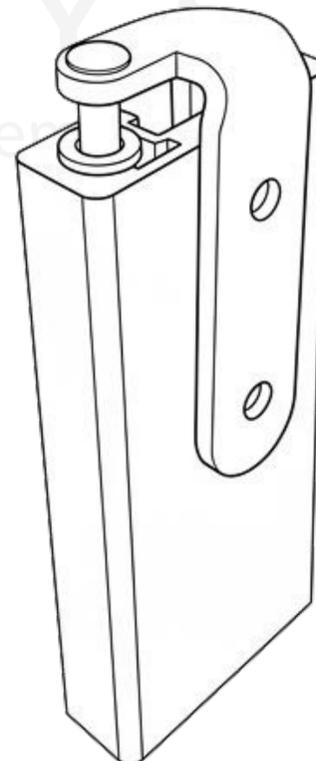
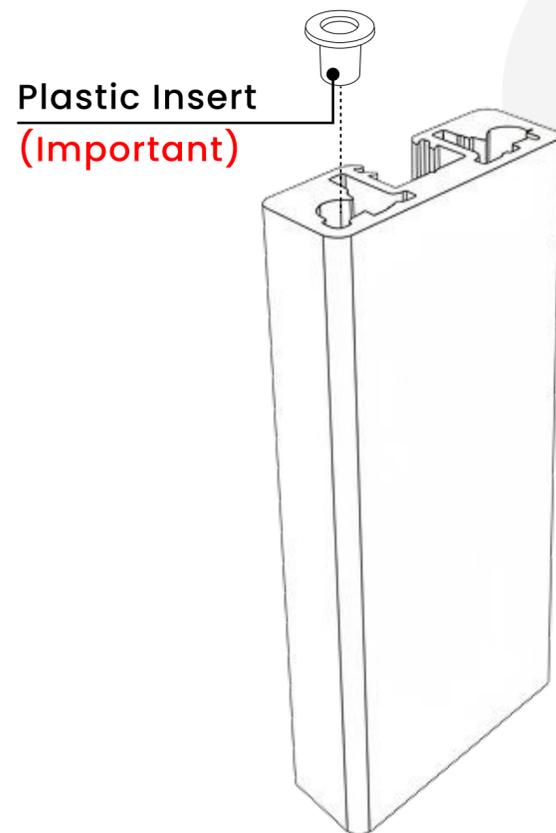
Plan view



# HINGE FIXING

## Assembly and configuration

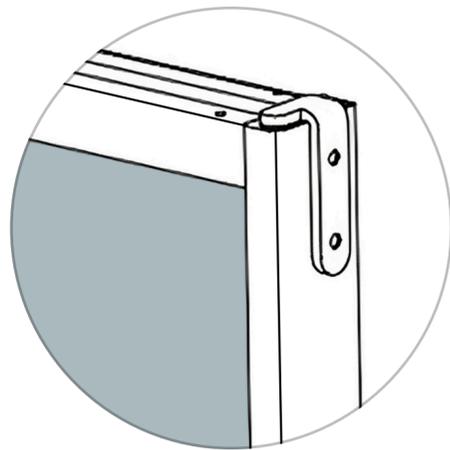
To secure the hinge, the plastic insert is first positioned inside the profile groove. The hinge body is then fitted into the insert, ensuring proper alignment and a stable fixing point.



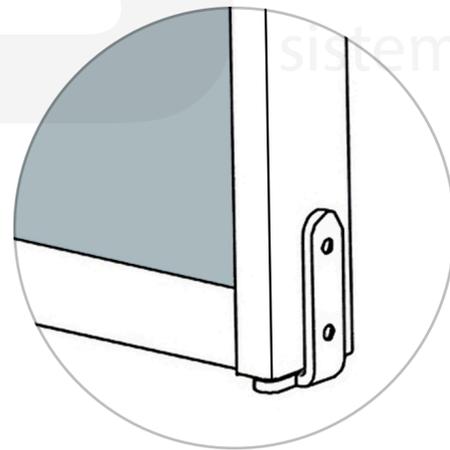
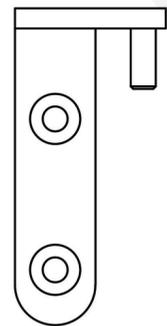
# HINGE FIXING

## Assembly and configuration

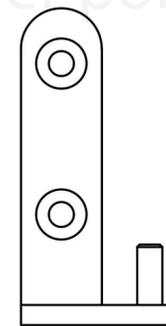
- Top and bottom hinges with plastic insert, anti-friction and noise-reducing bushing.
- The recessed hinge is supplied as a set, with one hinge designated for the top and the other for the bottom.



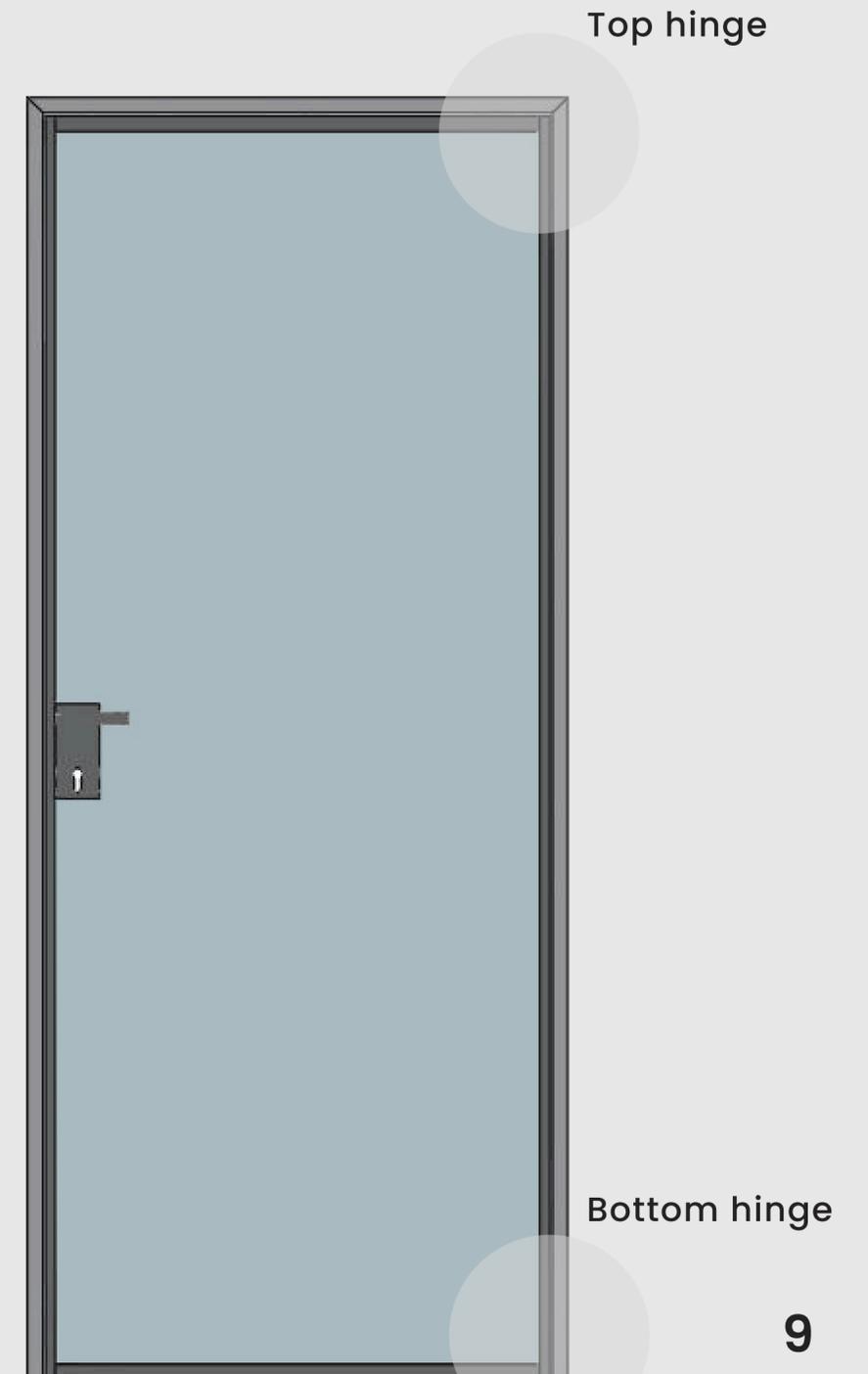
**Top hinge**



**Bottom hinge**



**Elevation**



Top hinge

Bottom hinge

# DOOR DIMENSIONS

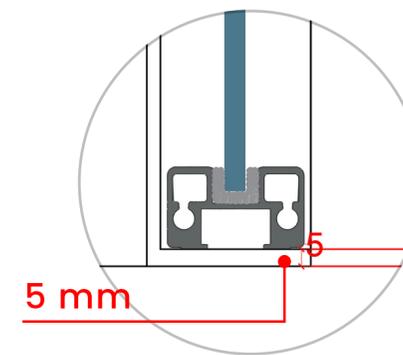
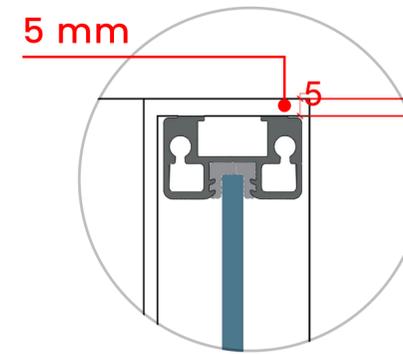
## Width & Height

Top and section views illustrate the door's width and height dimensions, along with the detailed side clearance dimensions.

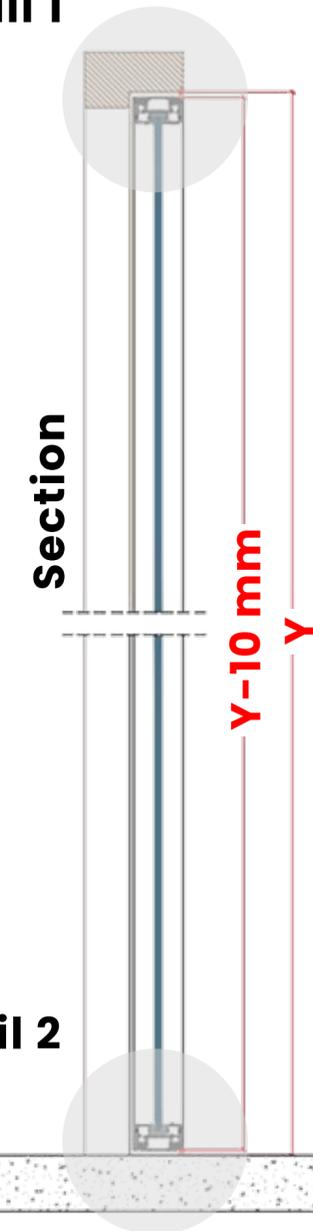


	Formula
Door Width	$X - 7 \text{ mm}$
Door Height	$Y - 10 \text{ mm}$

X= Door Opening Width  
Y= Door Opening Height



Detail 1

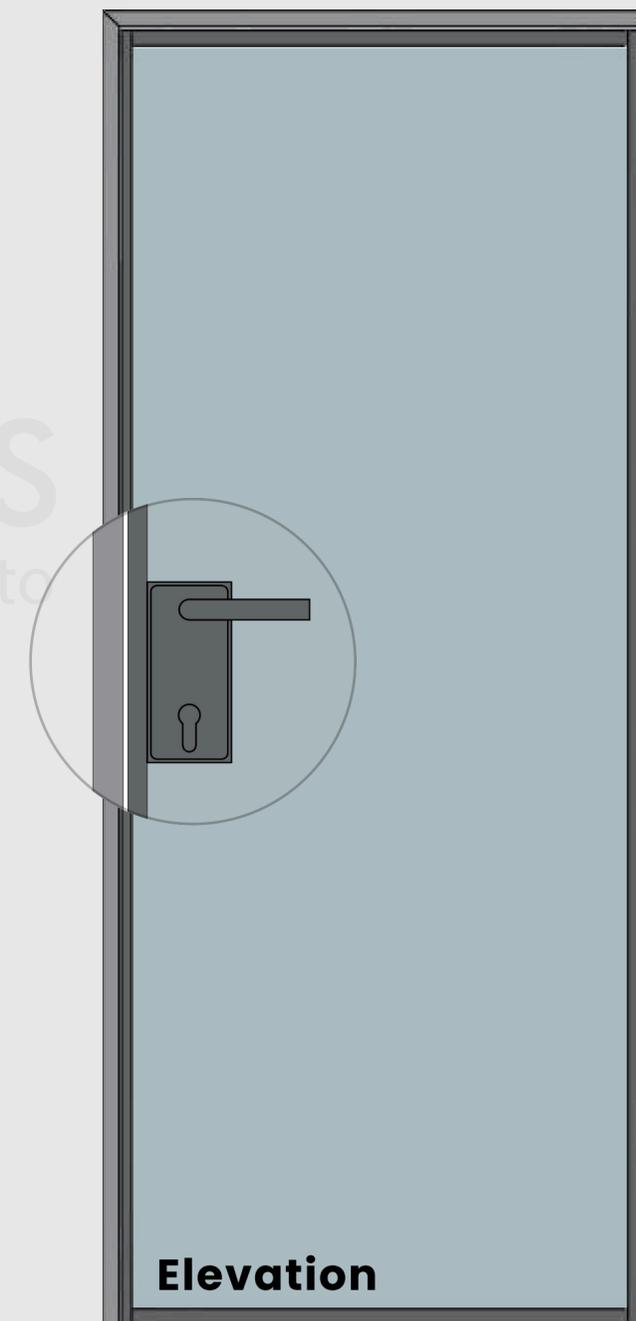
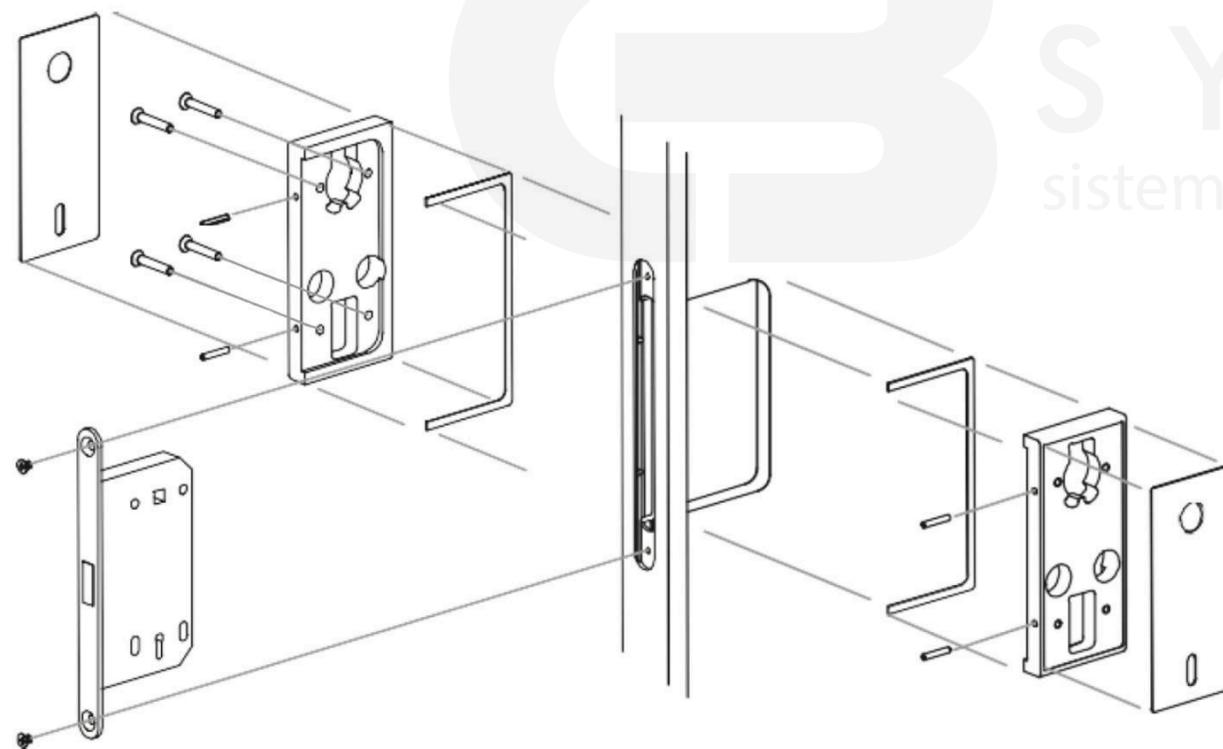


Detail 2

# LOCK FIXING

## Key Assembly

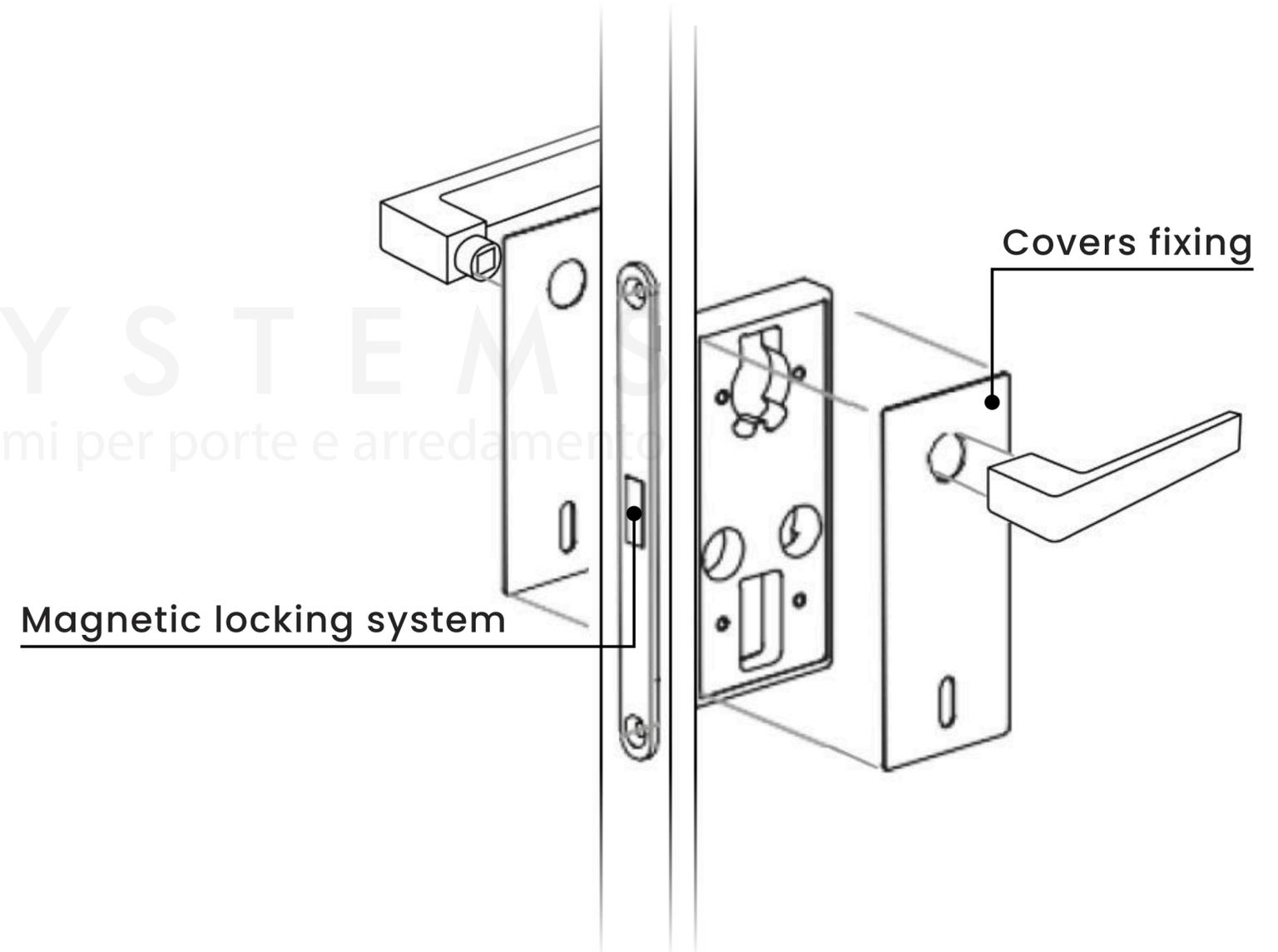
Exploded view illustrating the full key assembly kit with cylinder, covers, and mounting parts.



# LOCK FIXING

## Magnetic Lock & Covers

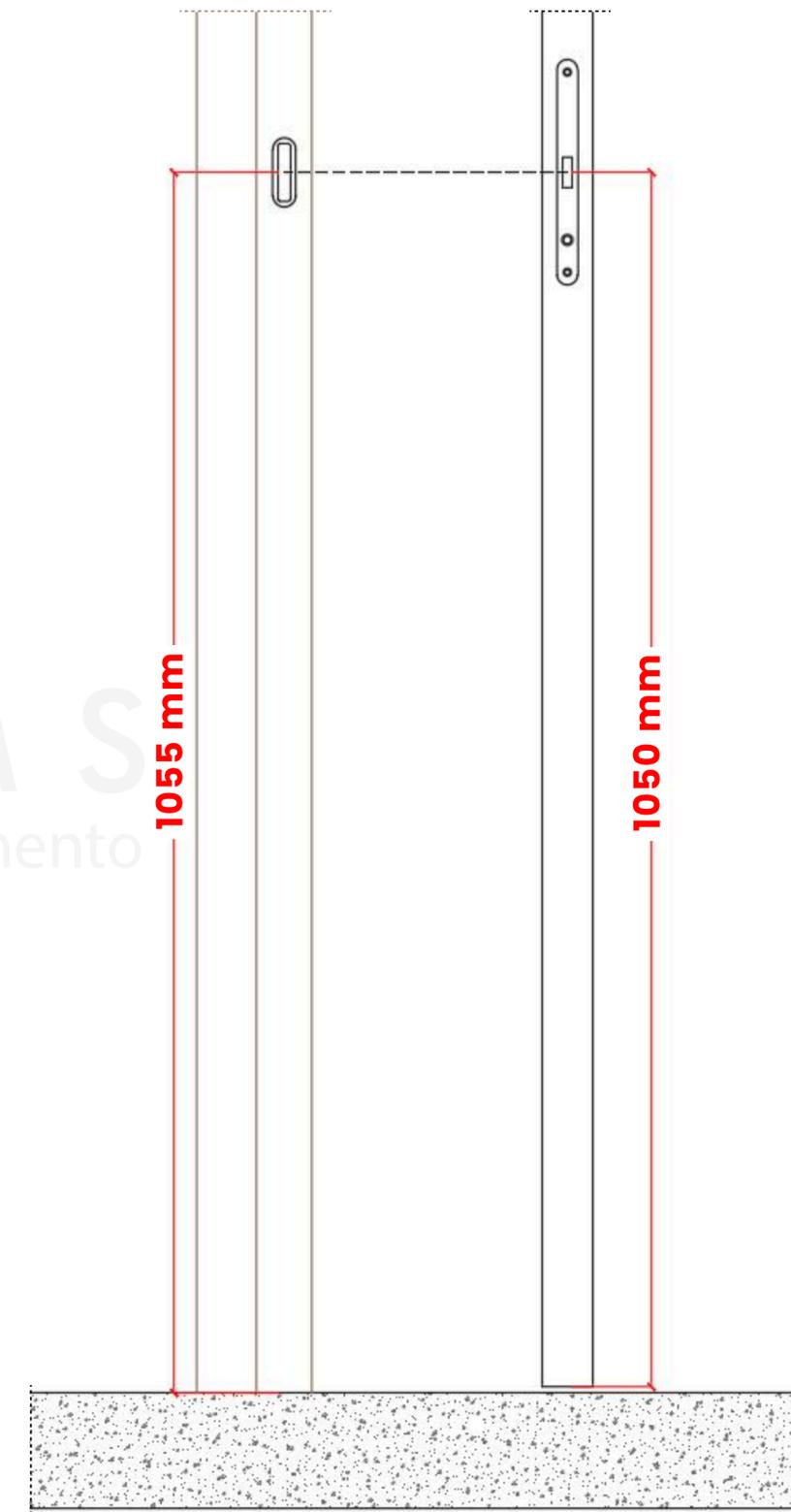
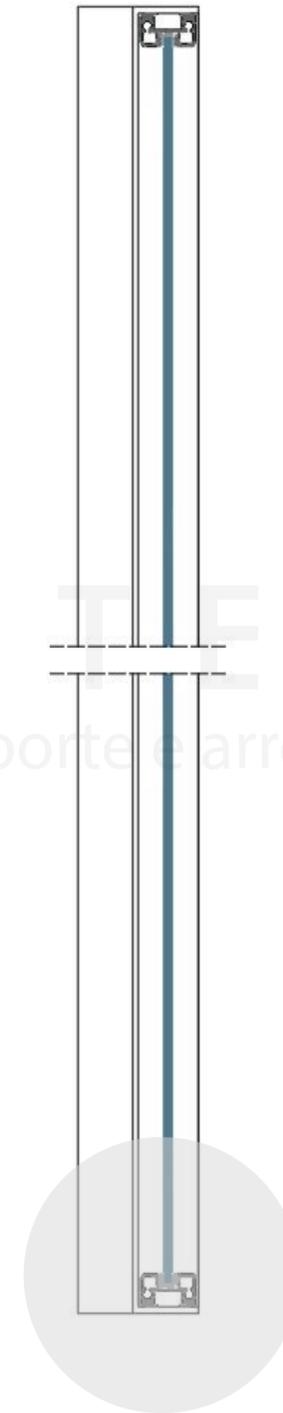
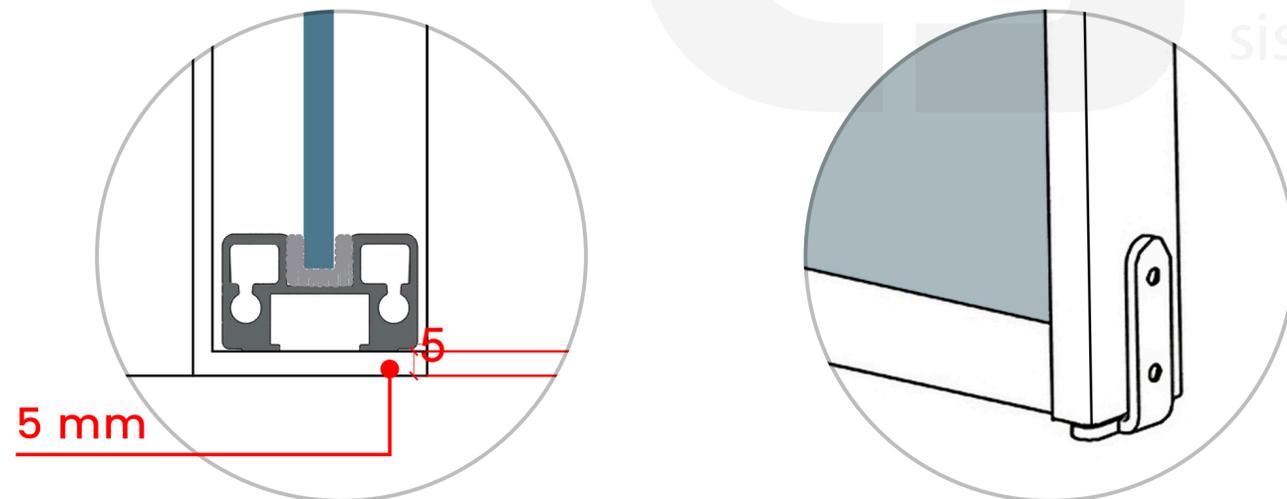
- Covers are applied from both door faces; the handle installation secures them in place without extra fixings.
- Magnetic locking system providing smooth, silent, and precise closure



# LOCK FIXING

## Lock & Strike Position

- The lock position on the door is set at 1050 mm, while the strike plate on the frame is positioned at 1055 mm.
- The 5 mm bottom clearance shown is required for proper recessed hinge installation.

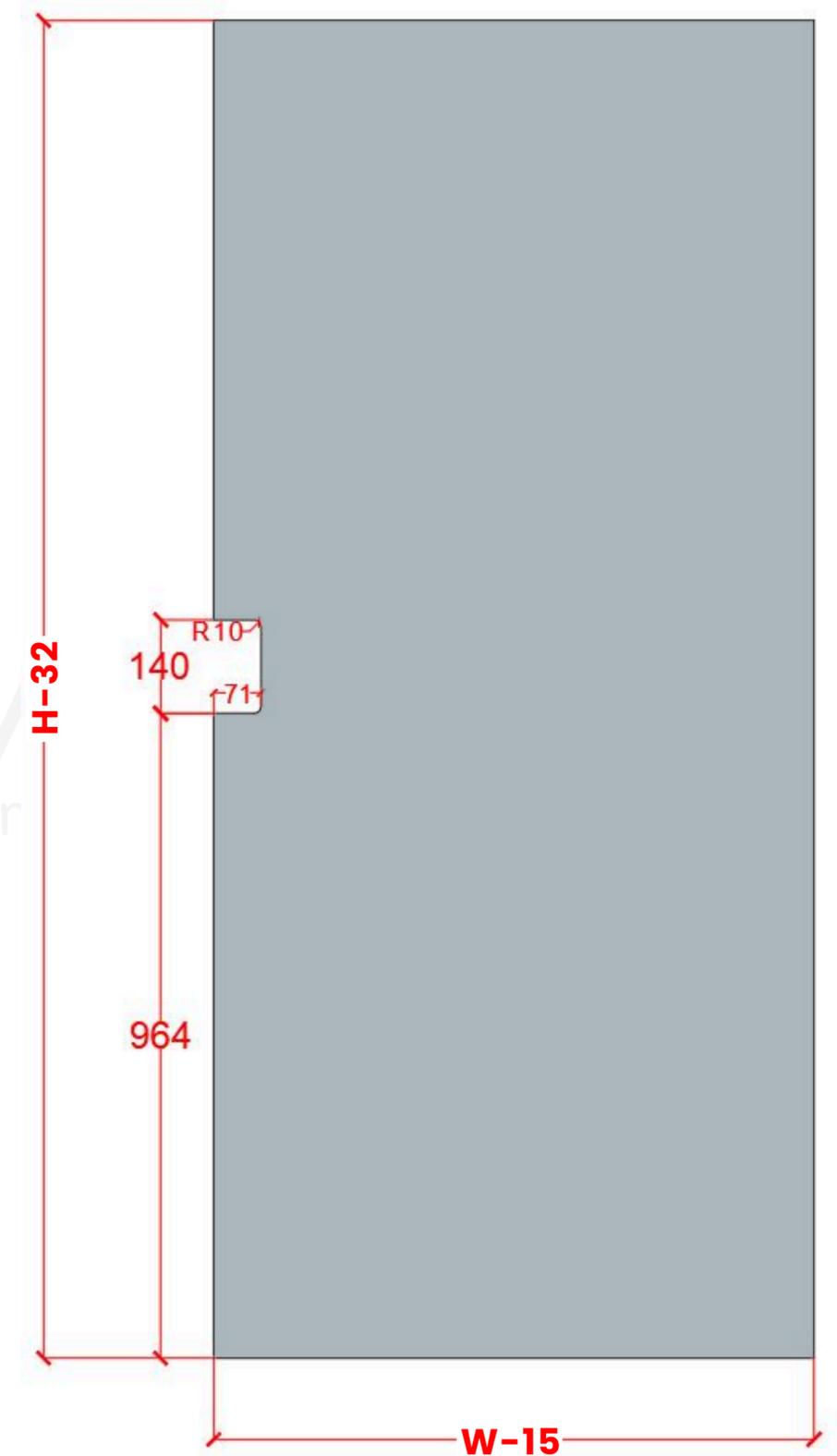
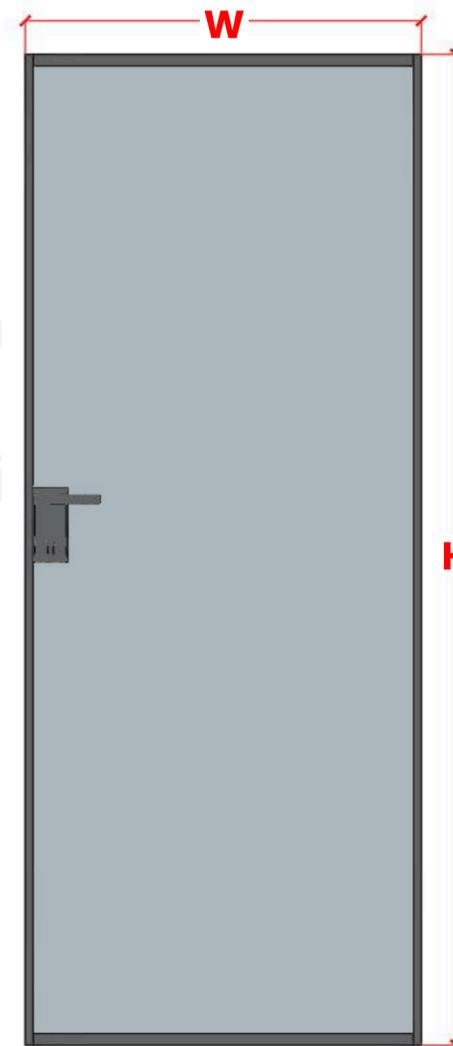




# GLASS DIMENSIONS

## Groove & Strike Alignment

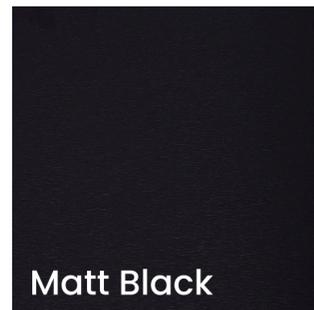
- Glass groove position for magnetic lock aligned with the center of the magnetic strike at 1055 mm from the floor (standard positioning).
- Download the Glass Groove Dimensions as a PDF by [clicking here](#) ↓



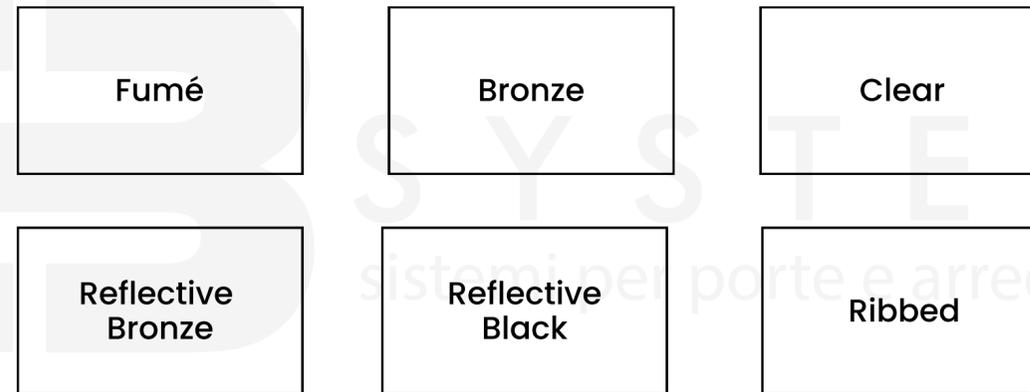
# DOOR SHUTTERS

## Colors and Glass Selections

- Color Options



- Glass Options



Note: Glass 6 mm



# | Doors

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