



ATHALIUM

Elevating Spaces with Italian Precision

CLOSETS

FLY SYSTEM

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INTRODUCTION

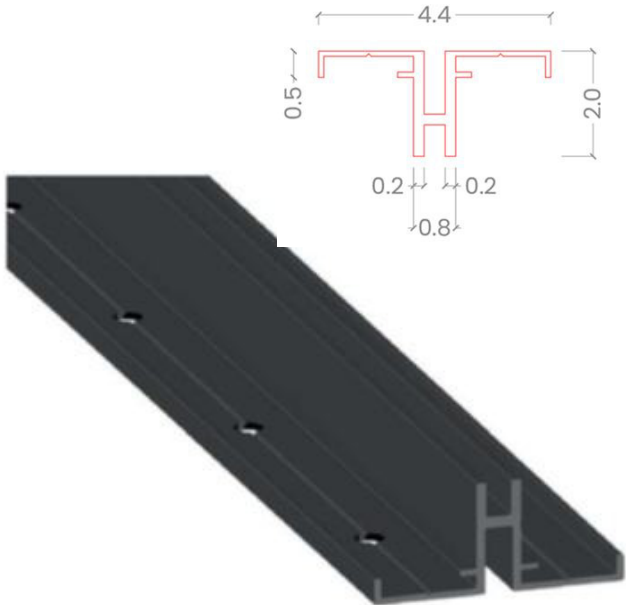
This report provides a professional and detailed installation guide for a modern Fly Closet System. The aim is to ensure efficient assembly while maintaining durability and aesthetic quality. It includes step-by-step instructions for fixing aluminium profiles, attaching wooden panels, and installing shelves, connectors and accessories. The guide also provides layout plans and dimension details to help you achieve a strong, clean, and modern finish.



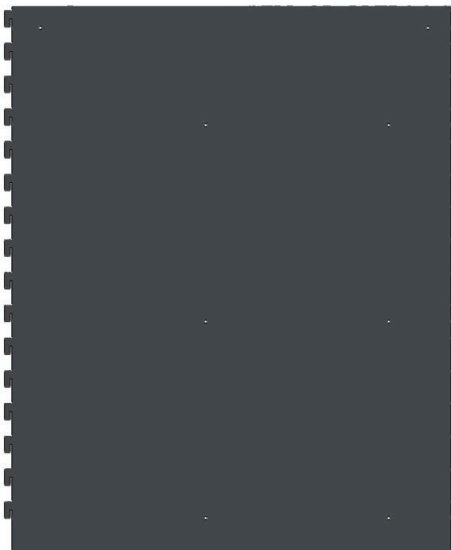
MATERIALS & TOOLS

Fittings & Accessories

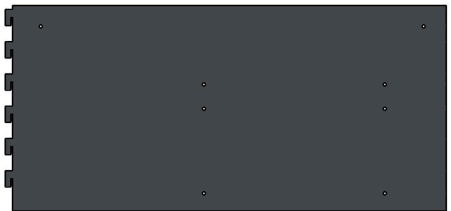
Fly Profile



Wide
Connector
D3



Wide
Connector
D2



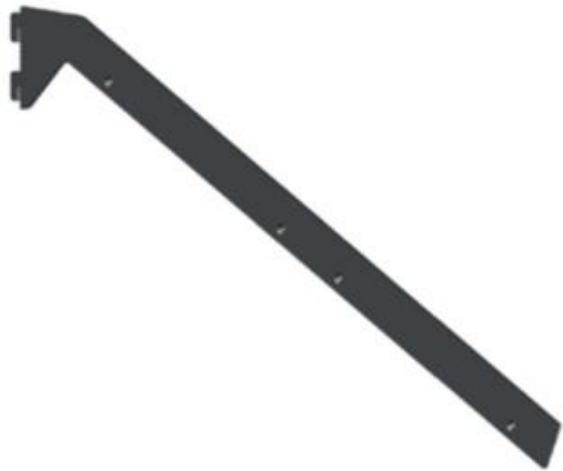
Wide
Connector
D1



Shelf
Connector



Shoe Holder
Connector



Wood Unit
Metal
Connector -
Left



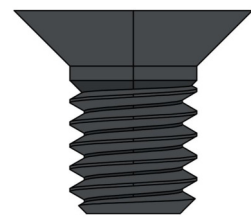
Wood Unit
Metal
Connector -
Right



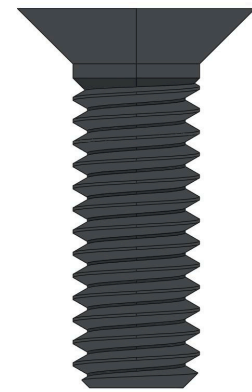
MATERIALS & TOOLS

Fittings & Accessories

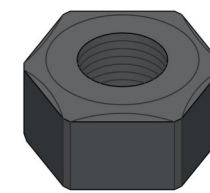
One Way
Connector
Screw



Two Way
Connector
Screw



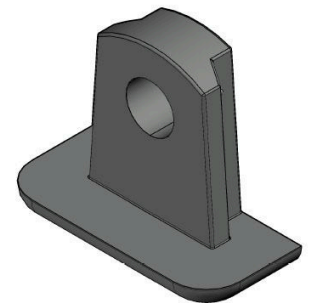
Screw Nut



Wood Shelf
Connection
Bracket



Aluminum
Glass Shelf
Bracket



Hanger Support V2
For Aluminium Shelf



Hanger Support V2
For Wooden Shelf



Hanger
Support V1



Hanger Cover



MATERIALS & TOOLS

Main Components

Trouser
Hanger



Wire
Basket



Wire
Shoe
Holder



Glass
Drawer



Empty Drawer
(for custom
wooden board)



Divided
Drawer
86.4 Cm



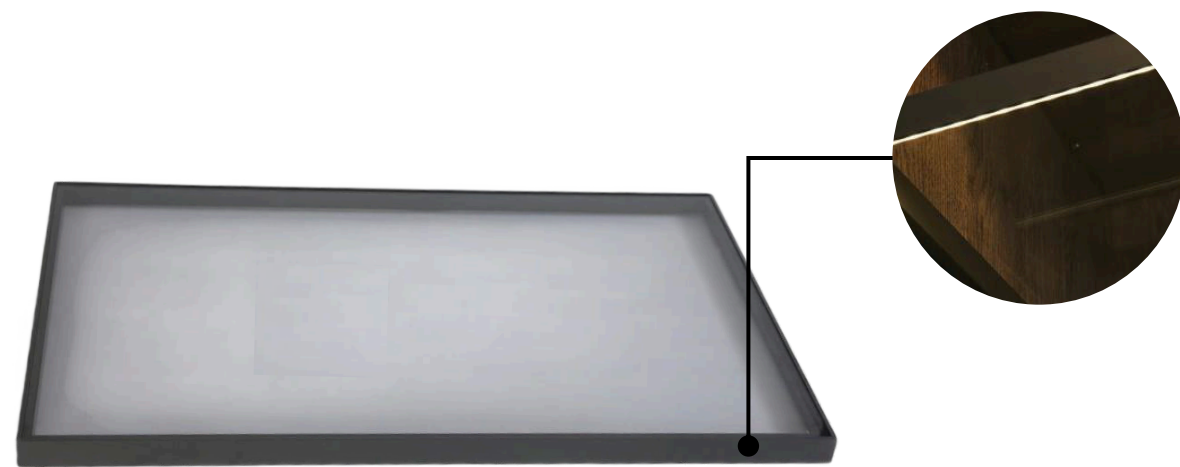
Divided
Drawer
76.4 Cm



MATERIALS & TOOLS

Main Components

Glass LED
Light Shelf



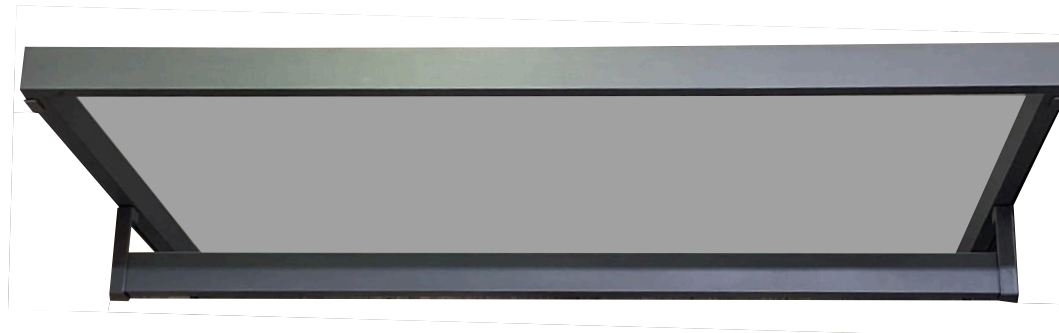
Glass
Shelf



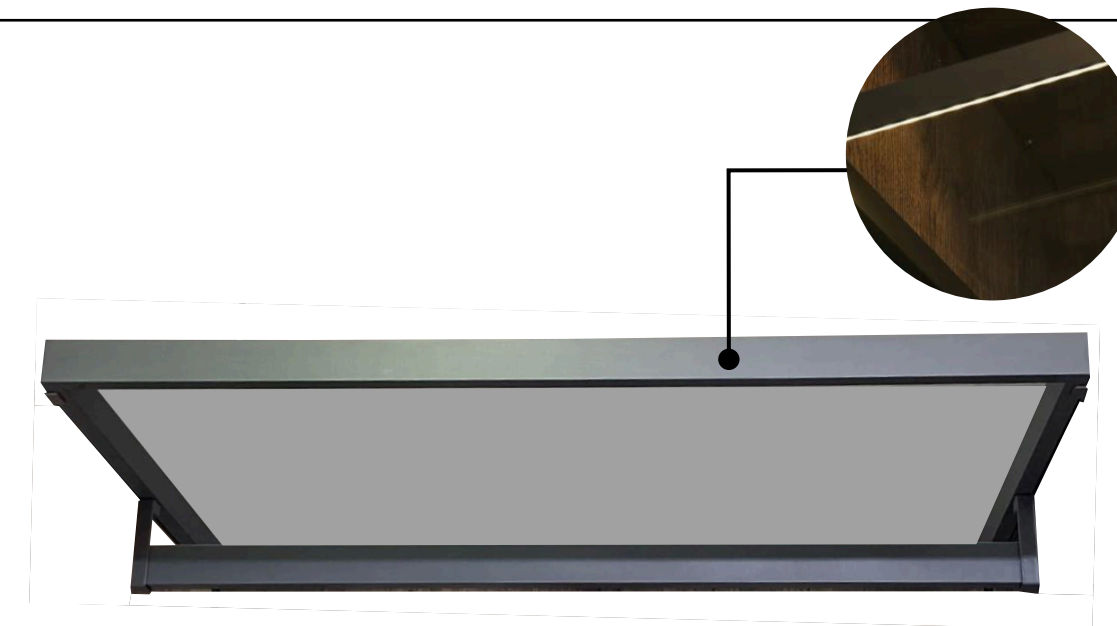
Rectangle
Pipe Hanger






Glass Shelf
With Hanger



Glass LED
Light Shelf
With Hanger






ACCESSORIES DIMENSIONS

	V1	V2	Cut To Size	Image
Wire Shoe Holder	76.4 CM 86.4 CM	69.4 CM 79.4 CM	Not Available	
Wire Basket	76.4 CM 86.4 CM	69.4 CM 79.4 CM	Not Available	
Divided Drawer	Not Available	69.4 CM 79.4 CM	Not Available	

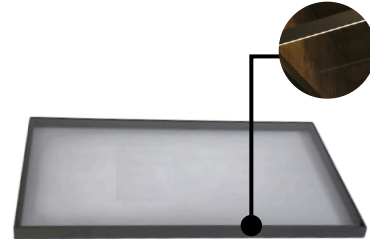
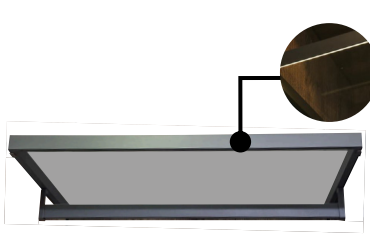

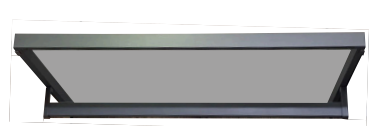

- All listed accessories are available only in standard sizes.

ACCESSORIES DIMENSIONS

	V1	V2	Cut To Size	Image
Trouser Hanger	76.4 CM 86.4 CM	69.4 CM 79.4 CM	Available	
Glass Drawer	76.4 CM 86.4 CM	69.4 CM 79.4 CM	Available	
Empty Drawer	76.4 CM 86.4 CM	69.4 CM 79.4 CM	Available	

- Other accessories are also available in standard sizes, but can be customized and cut to size upon request, depending on your project needs.

SHELF DIMENSIONS

	V1	V2	Cut To Size (Width)	Depth	Cut To Size (Depth)	Hanger	Image	Image With Hanger
Glass shelf With LED light	76.4 CM 86.4 CM	69.4 CM 79.4 CM	Available	53	Not Available	Available		
Glass shelf Without LED light	76.4 CM 86.4 CM	69.4 CM 79.4 CM	Available	53	Not Available	Available		
Rectangle Pipe Hanger	76.4 CM 86.4 CM	69.4 CM 79.4 CM	Available	-	-	-		-

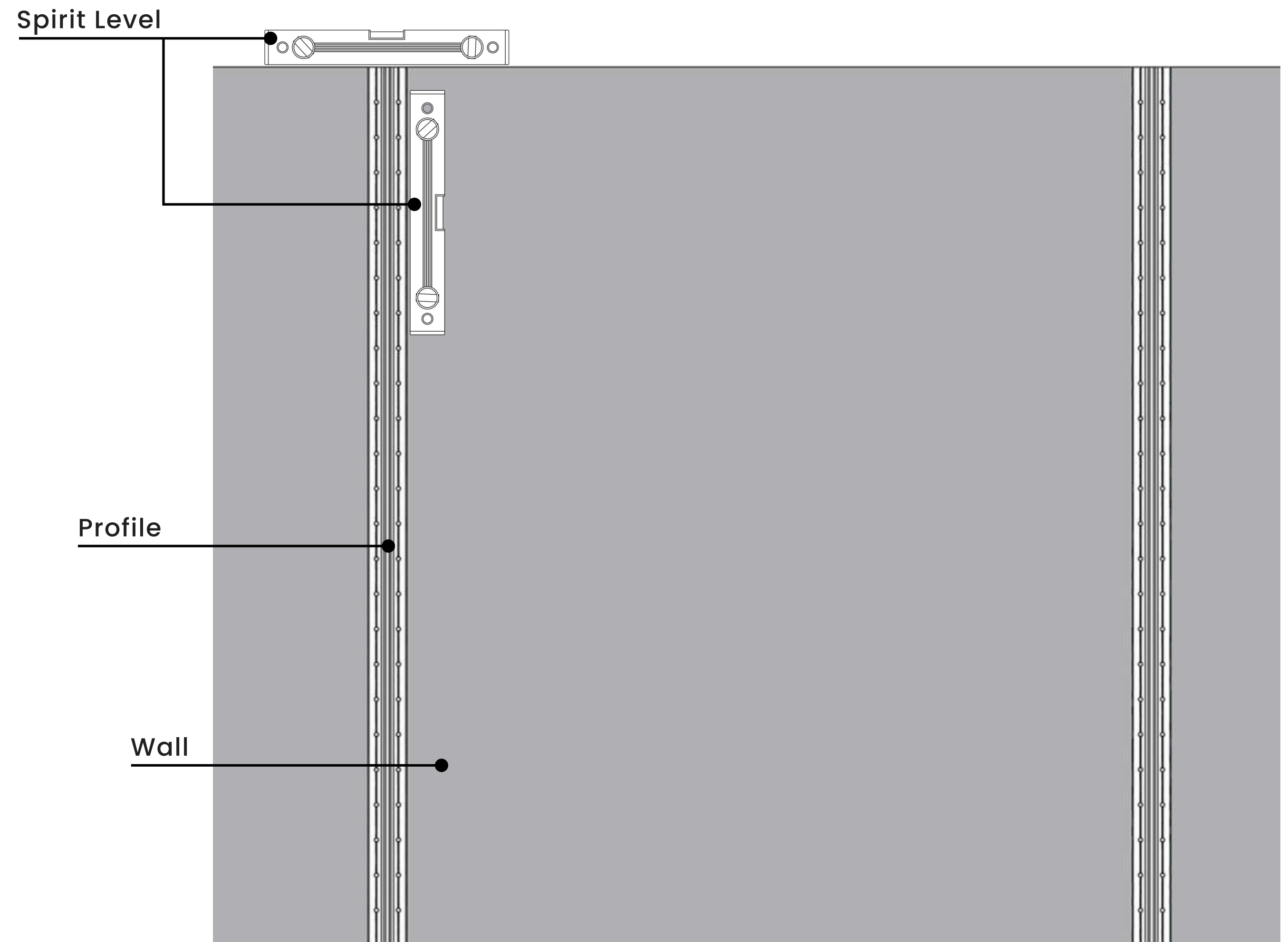
- Shelves are available with or without LED lighting and can include a hanger or not. Standard dimensions are shown, width can be customized upon request, while depth is fixed in a standard size.



SYSTEM INSTALLATION

Step 1: Check Profile Alignment and Fixing

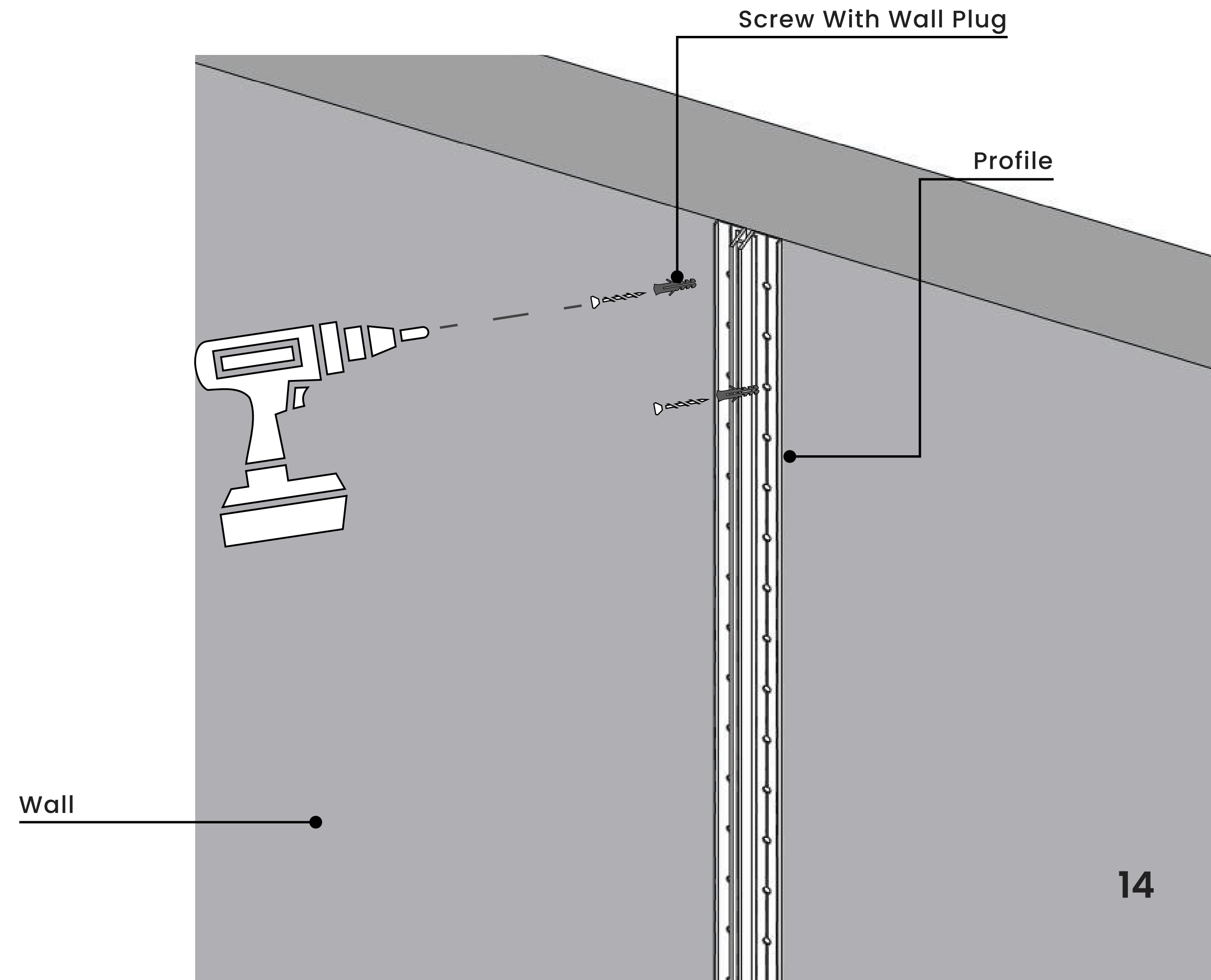
- Check that the profile is straight and well fixed to the wall using a spirit level. This ensures proper alignment and stability of the entire system.



SYSTEM INSTALLATION

Step 2: Fix the profile to the wall

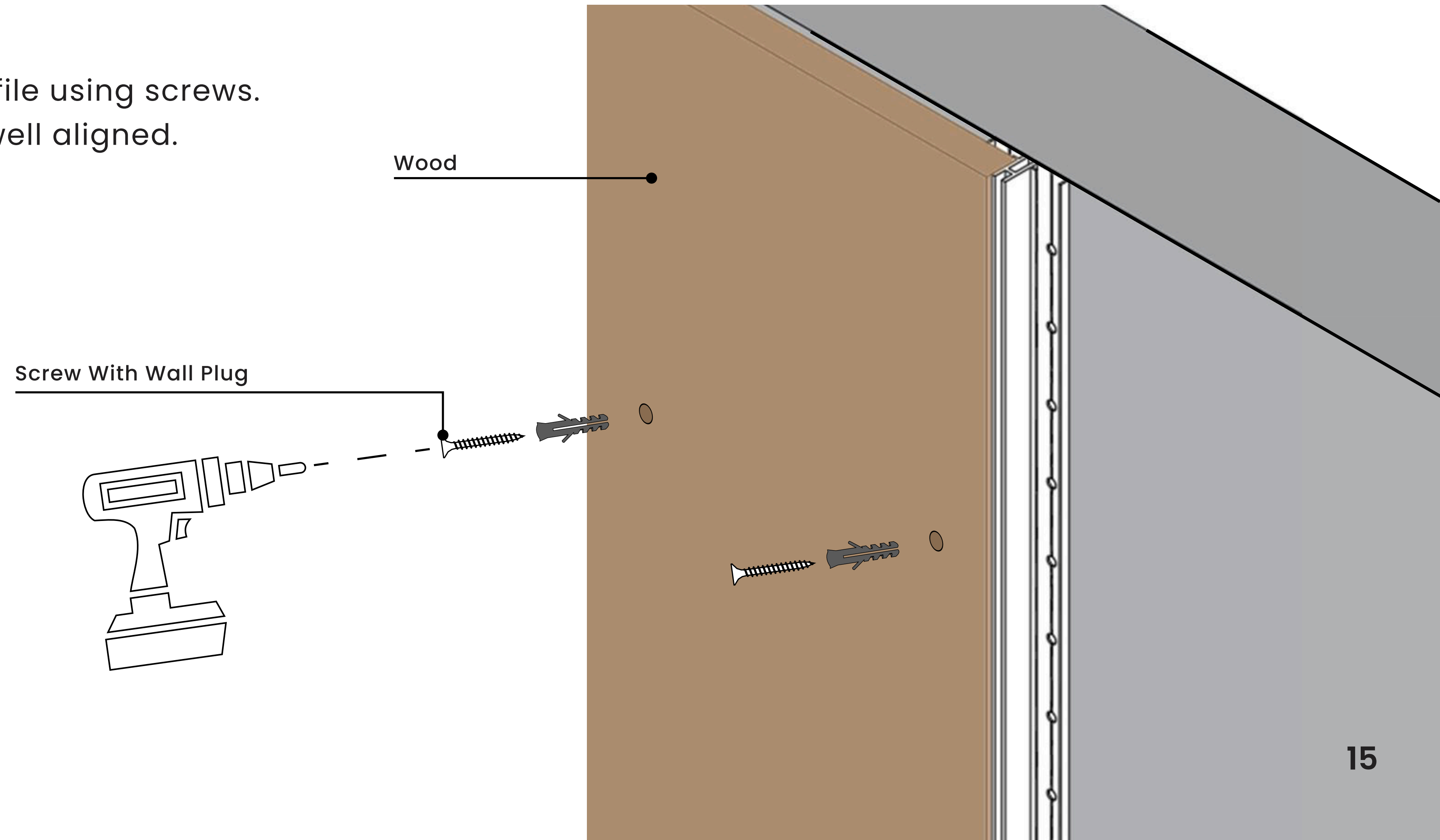
- Fix the profile well to the wall using the right screws. A strong attachment is key to long-term durability.



SYSTEM INSTALLATION

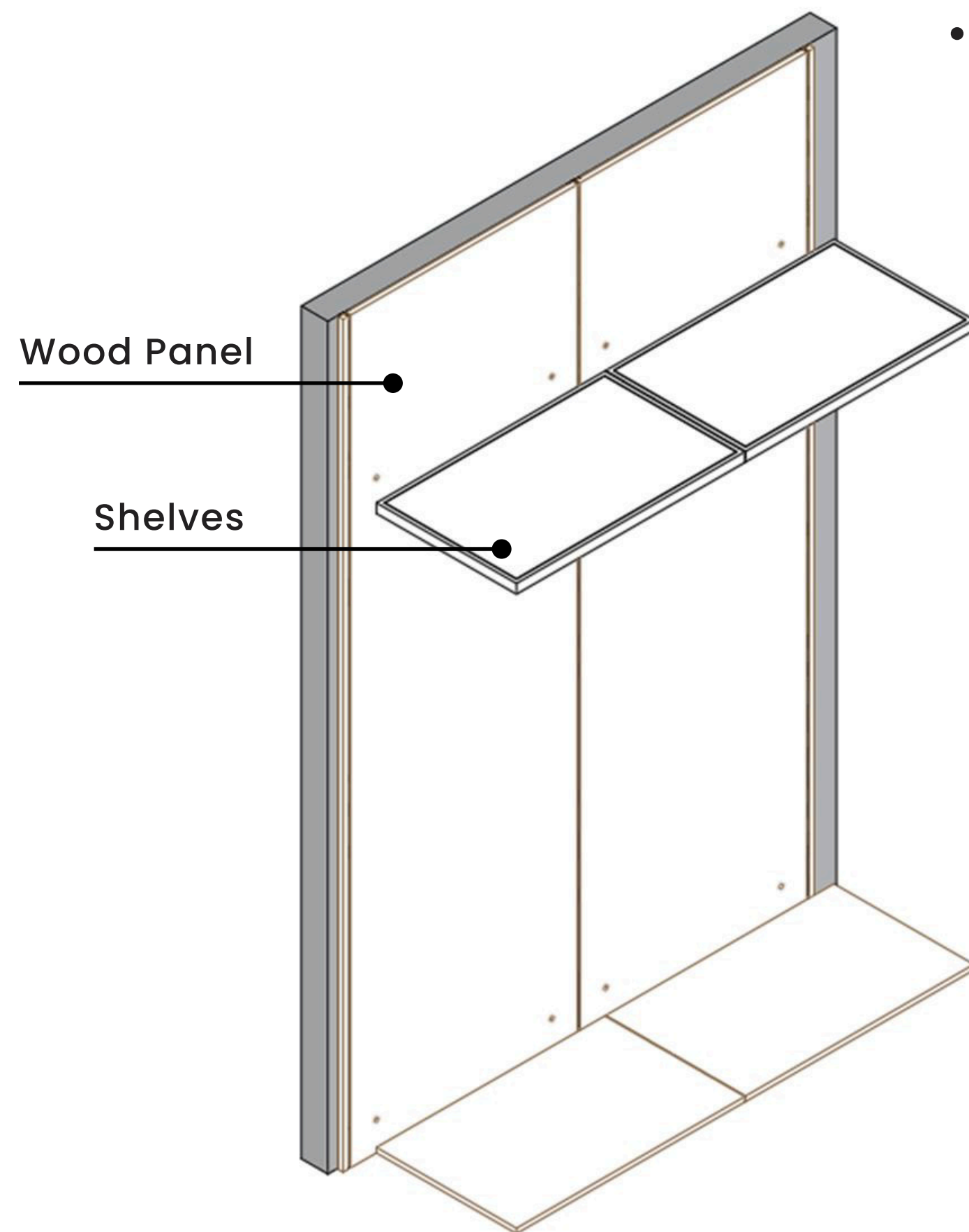
Step 3: Attach the wooden panels

- Fix the wood panels to the profile using screws. Make sure they are tight and well aligned.

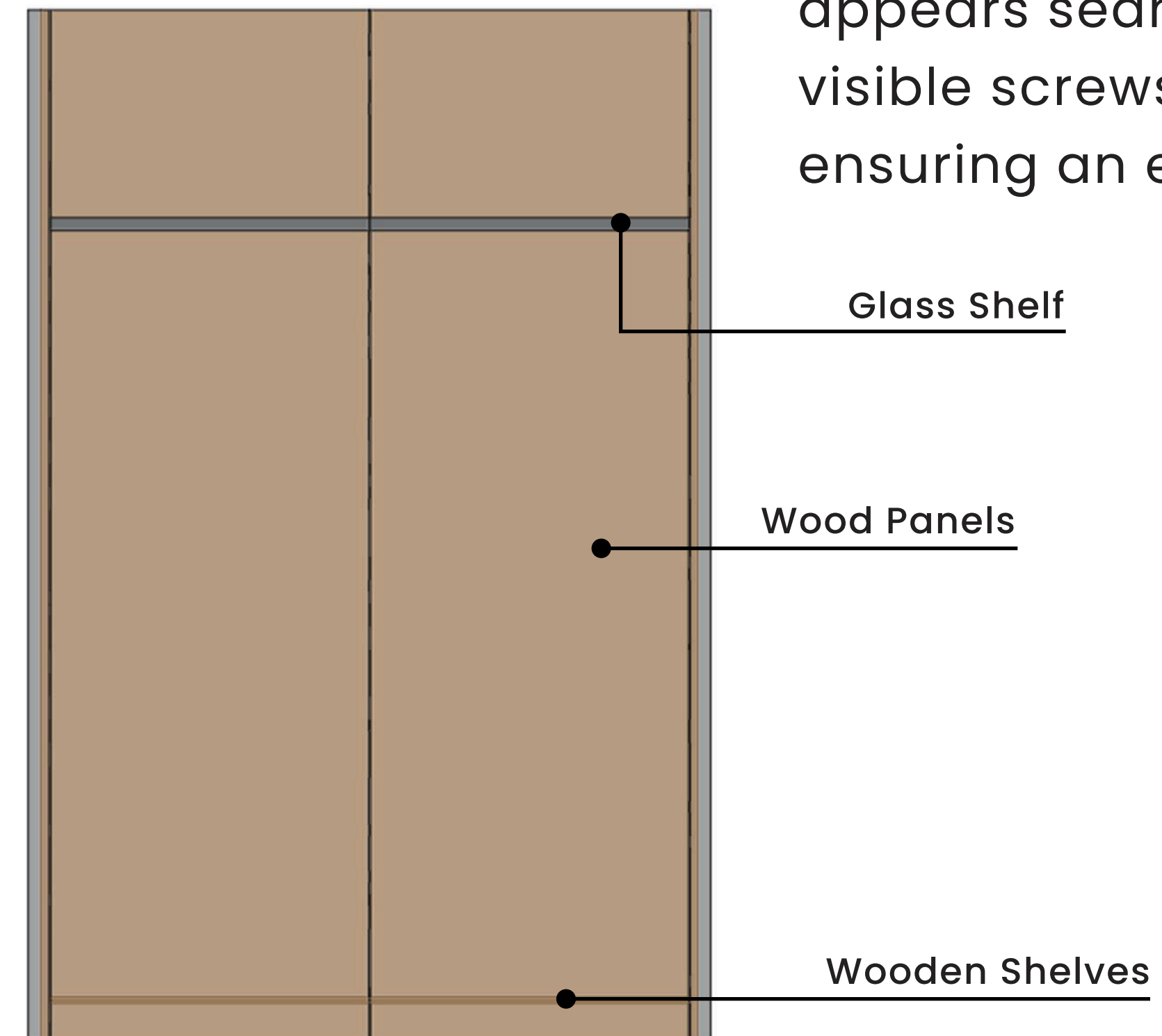


SYSTEM INSTALLATION

Step 3: Attach the wooden panels



- The wood panels are fixed to the wall using screws, hidden behind the shelves for a clean finish.

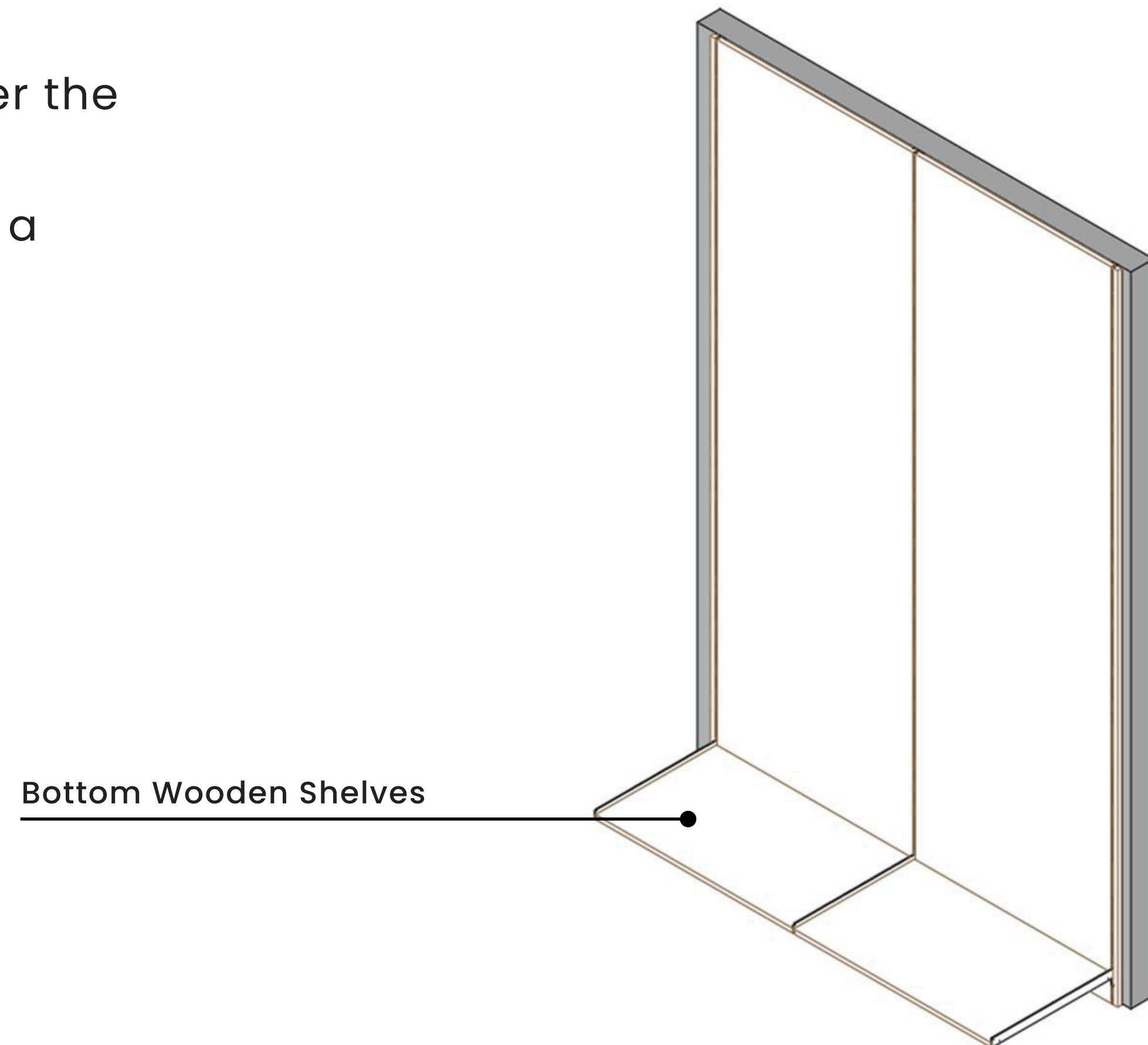


- From the front, the system appears seamless, with no visible screws or fixings; ensuring an elegant finish.

SYSTEM INSTALLATION

Bottom Wooden Shelves

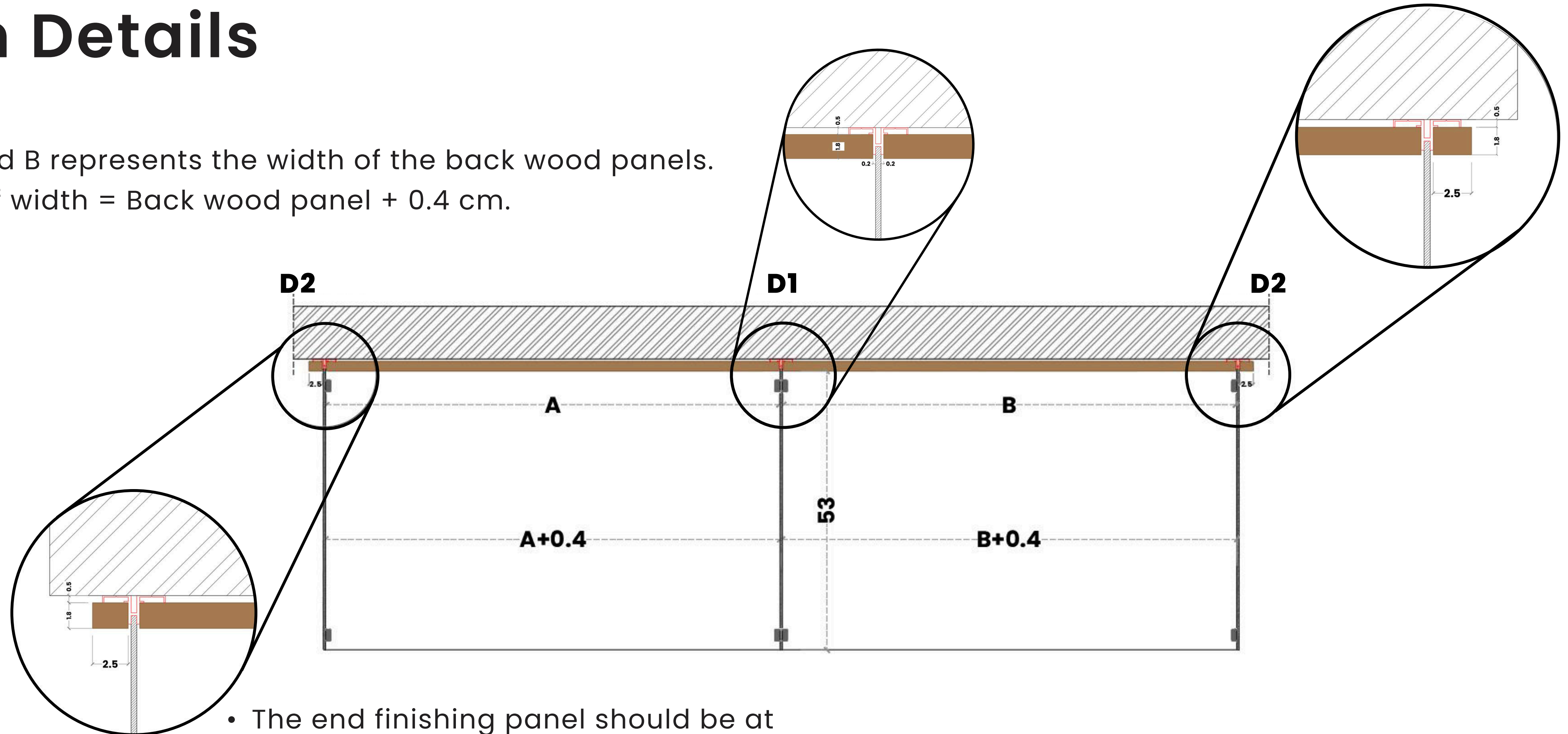
- The wooden shelves at the bottom are essential to cover the screws used in the back wooden panels.
- They also serve an aesthetic purpose by giving the unit a clean and elegant appearance.



SHELF INSTALLATION

Plan Details

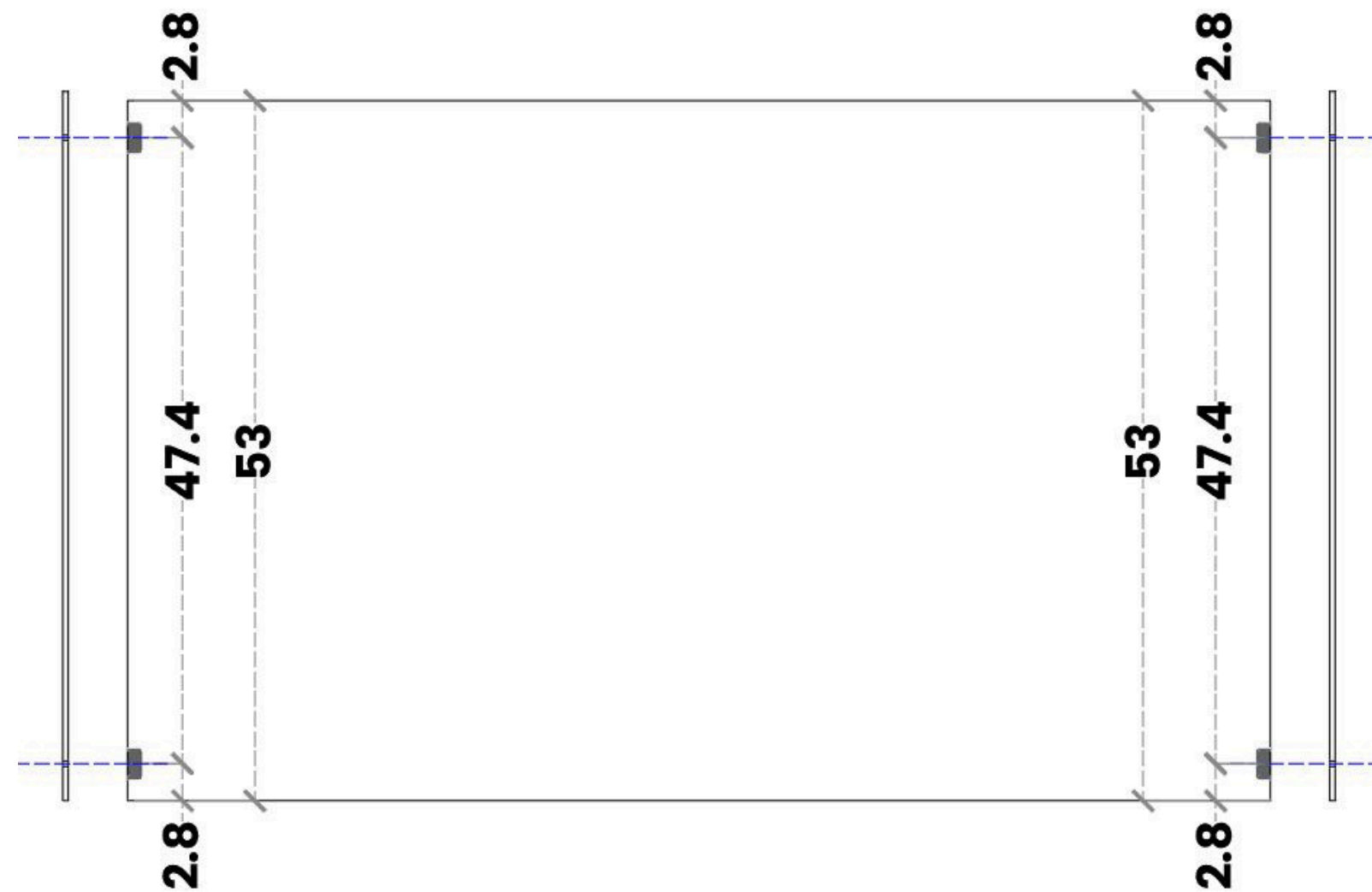
- A and B represents the width of the back wood panels.
- Shelf width = Back wood panel + 0.4 cm.



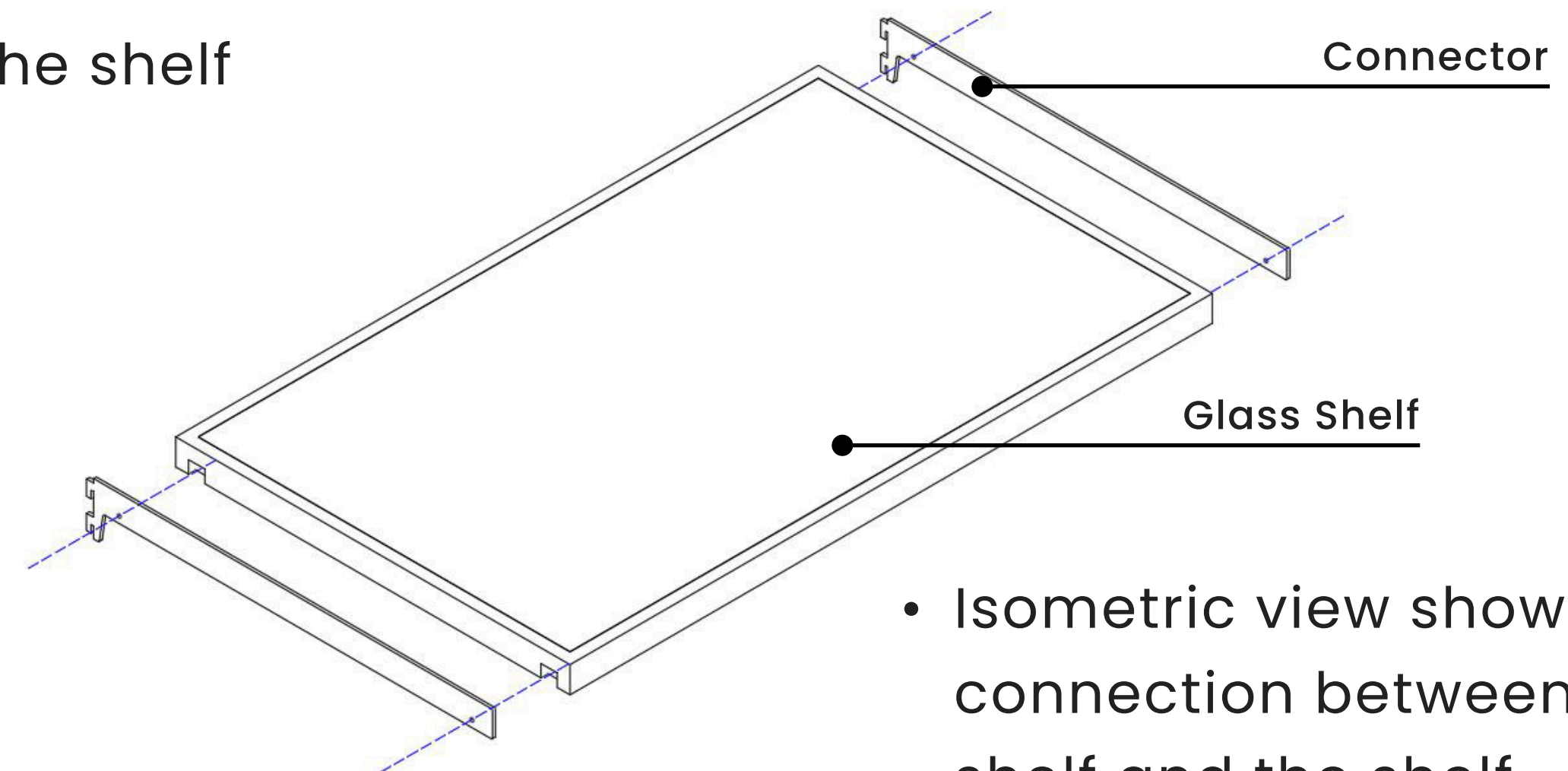
- The end finishing panel should be at least 2.5 cm to cover the profile.

SHELF INSTALLATION

Shelf Details



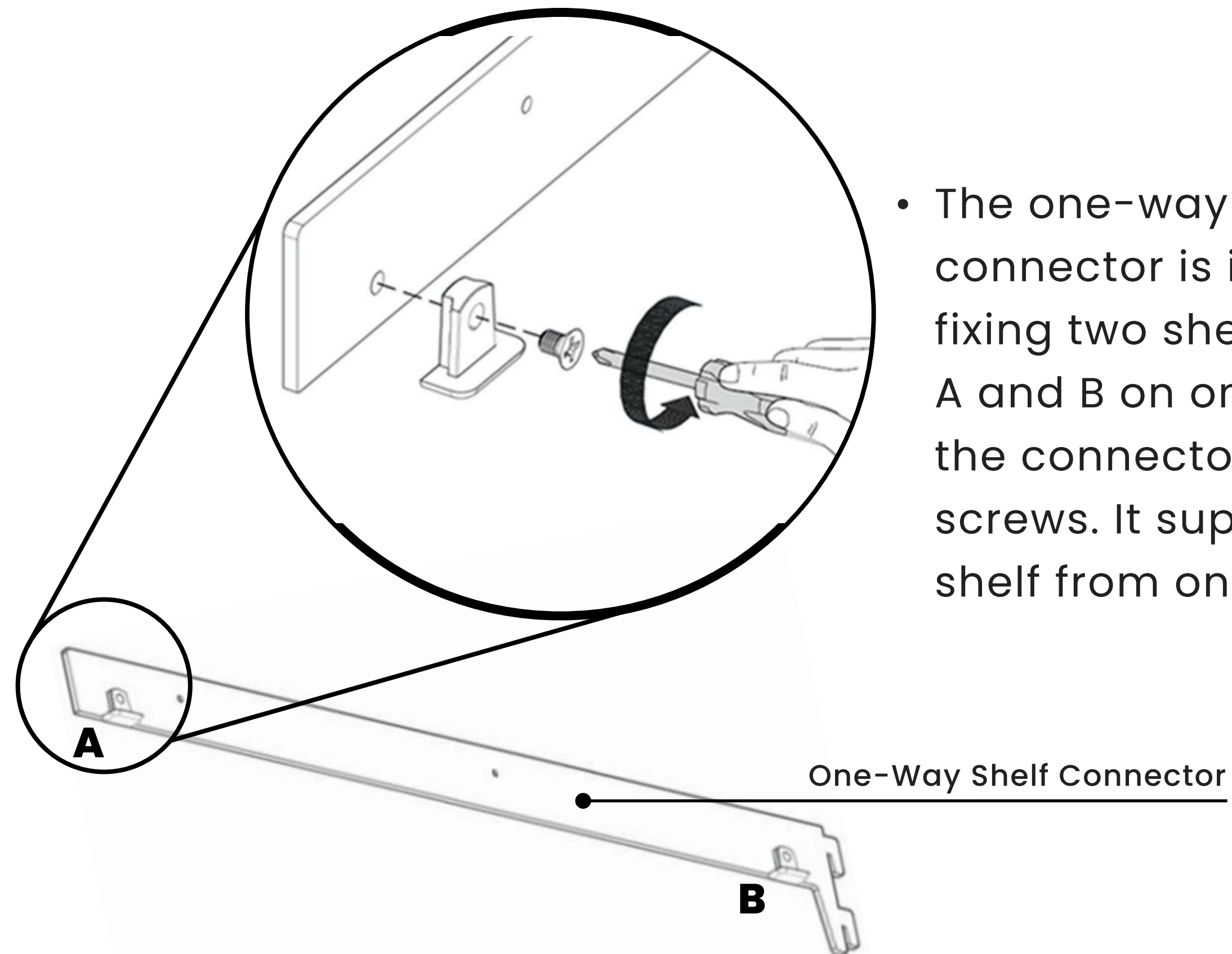
- Standard shelf depth: 53 cm, with 2.8 cm grooves on both sides to fit into the shelf connector.



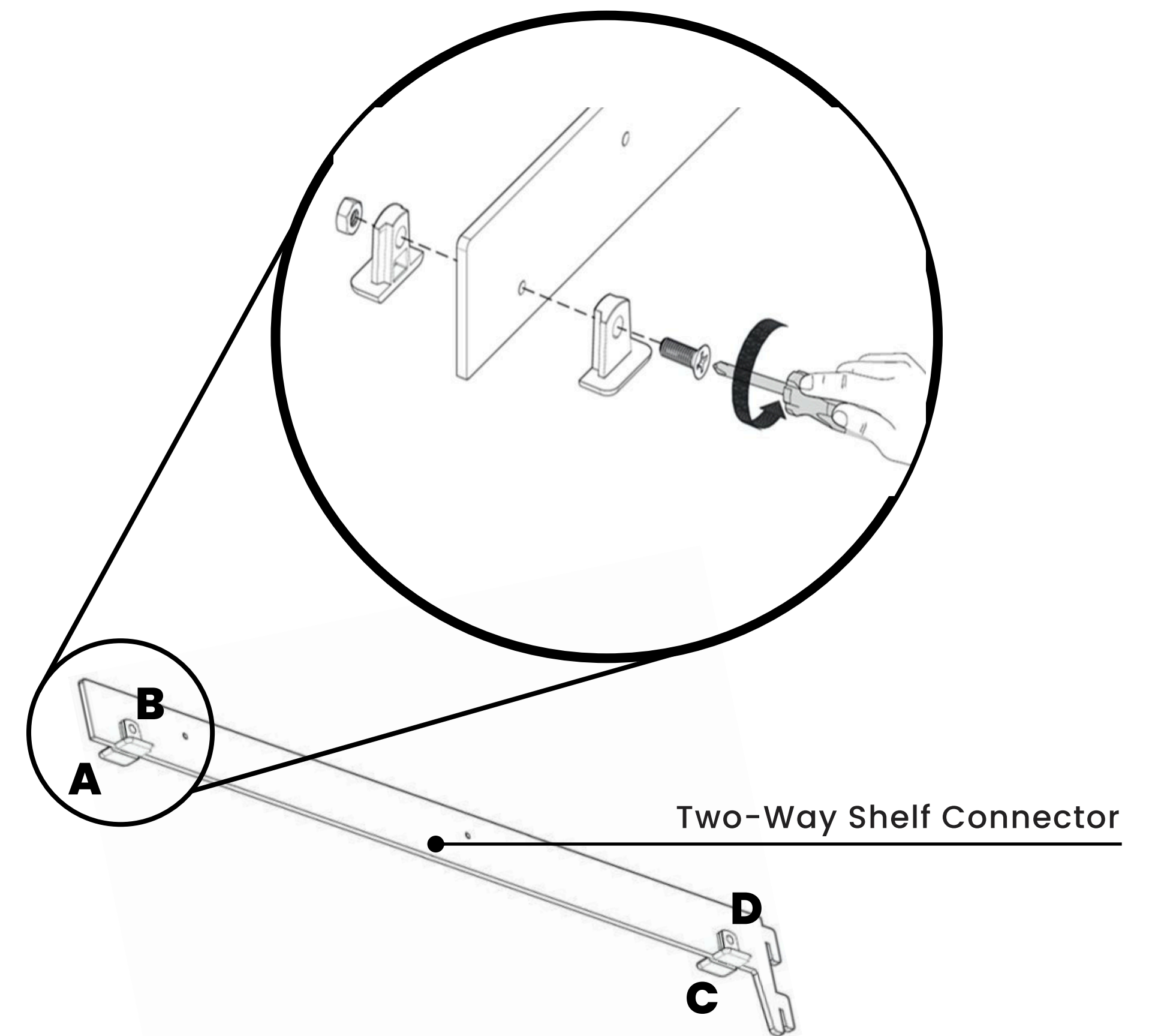
- Isometric view shows the connection between the shelf and the shelf connector.

ITEMS INSTALLATION

A- Connector



- The one-way shelf connector is installed by fixing two shelf brackets A and B on one side of the connector using screws. It supports one shelf from one side only.



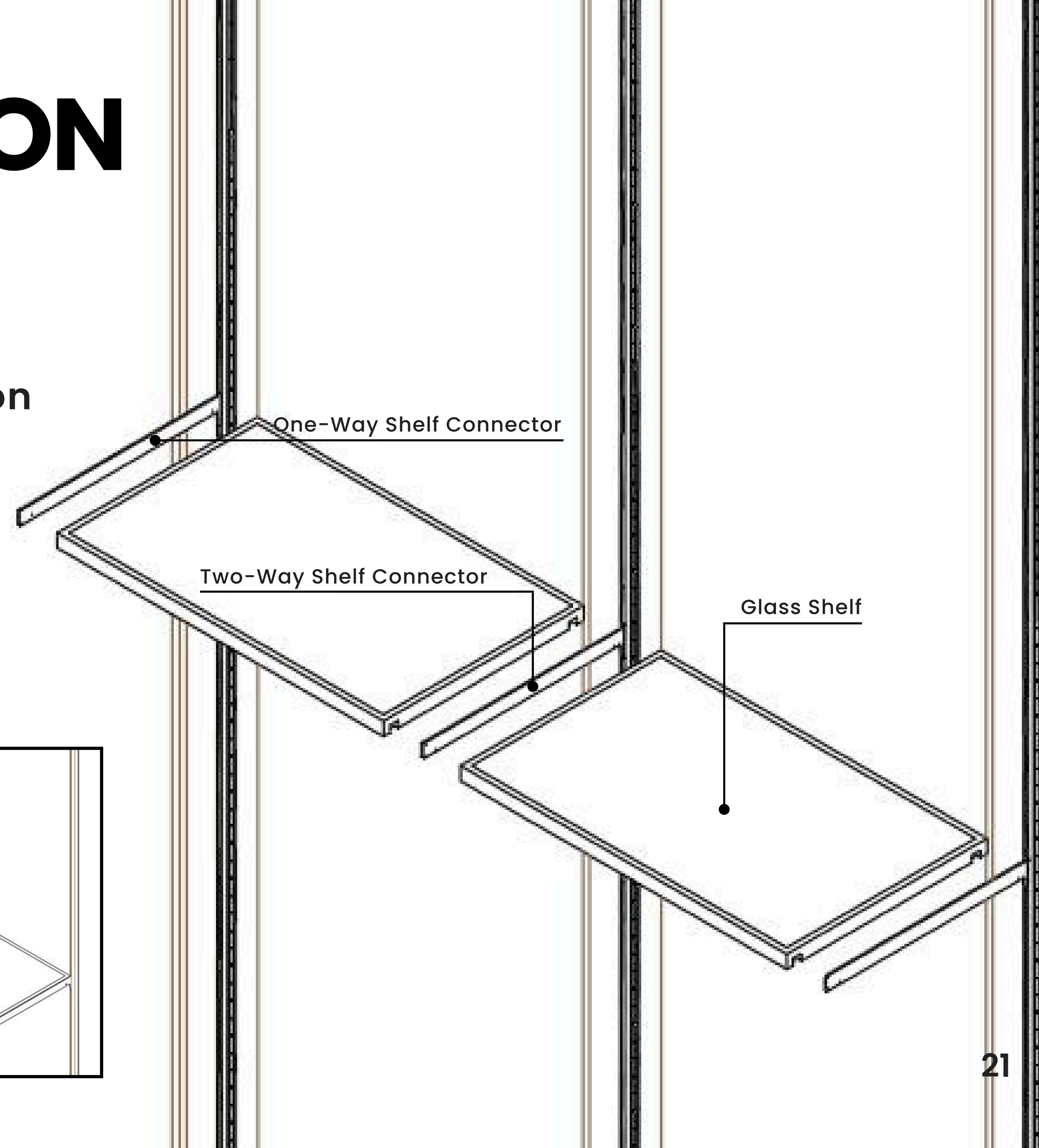
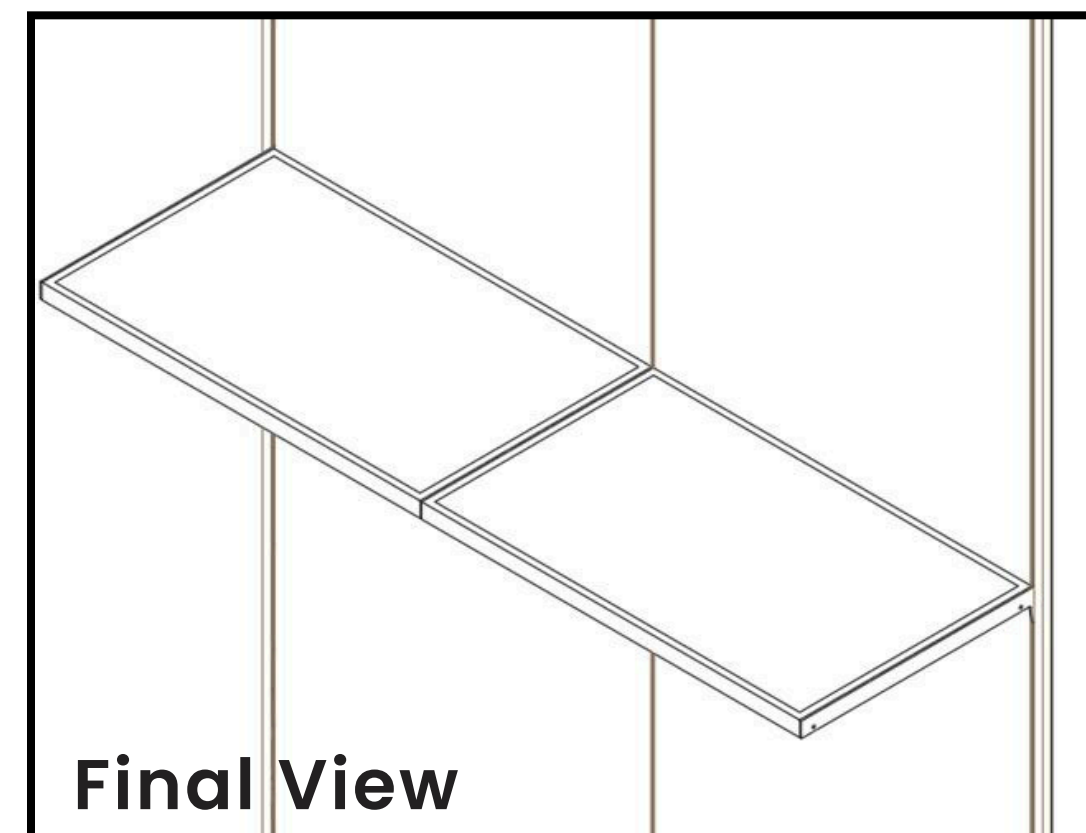
- The two-way shelf connector is installed by fixing four shelf brackets A, B, C and D two on each side. This allows the connector to support one shelf from the right and another from the left.

ITEMS INSTALLATION

A- Connector

Isometric View – Shelf Connector Installation

The isometric view illustrates how the one-way and two-way shelf connectors are installed. It shows how each connector supports the shelves from one or both sides.

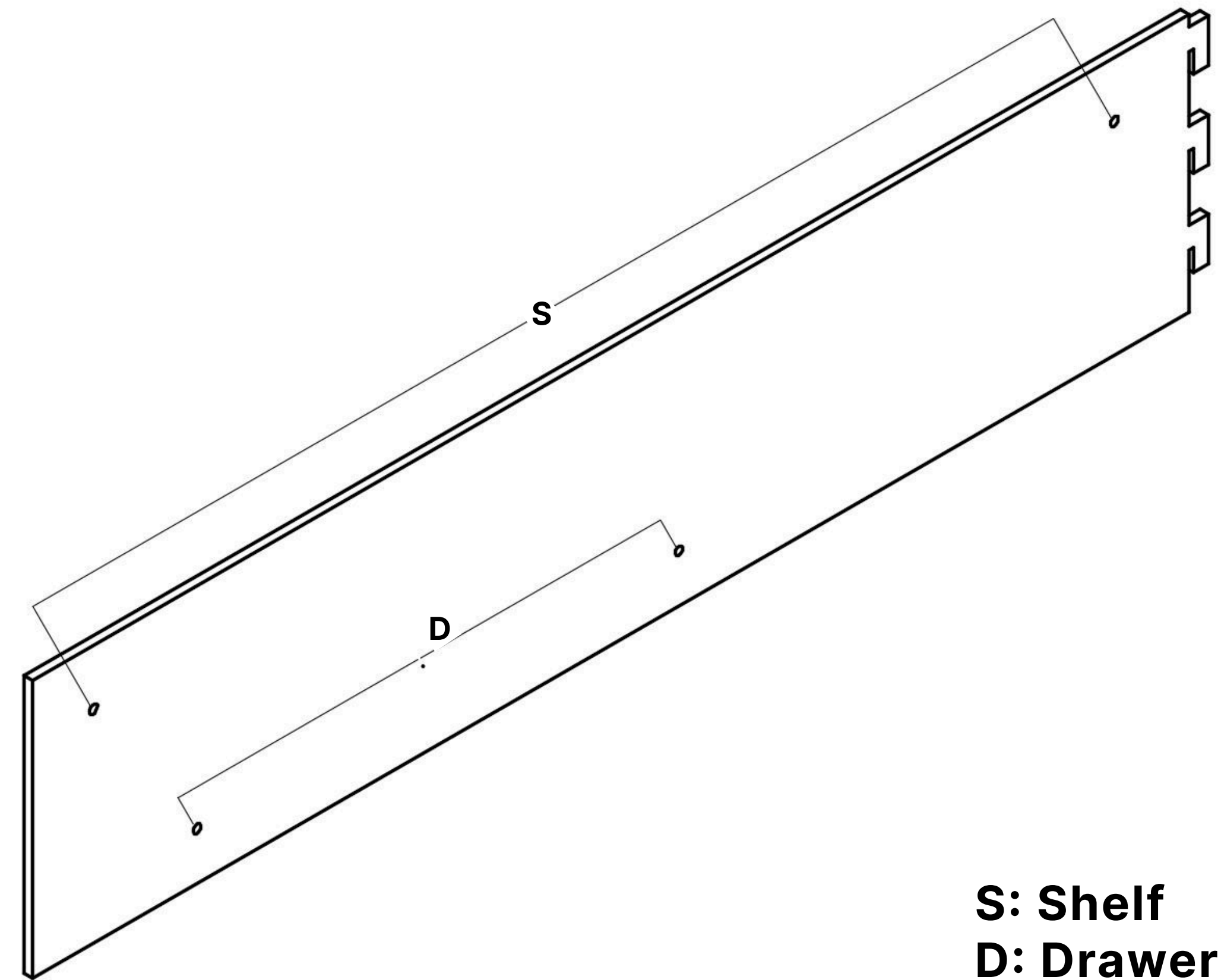


ITEMS INSTALLATION

B- Wide Connector

1. Wide connector **W1**

- Wide Connector **W1** includes two holes on the top side **S** for fixing the shelf, and two holes on the bottom side **D** for attaching the drawer.

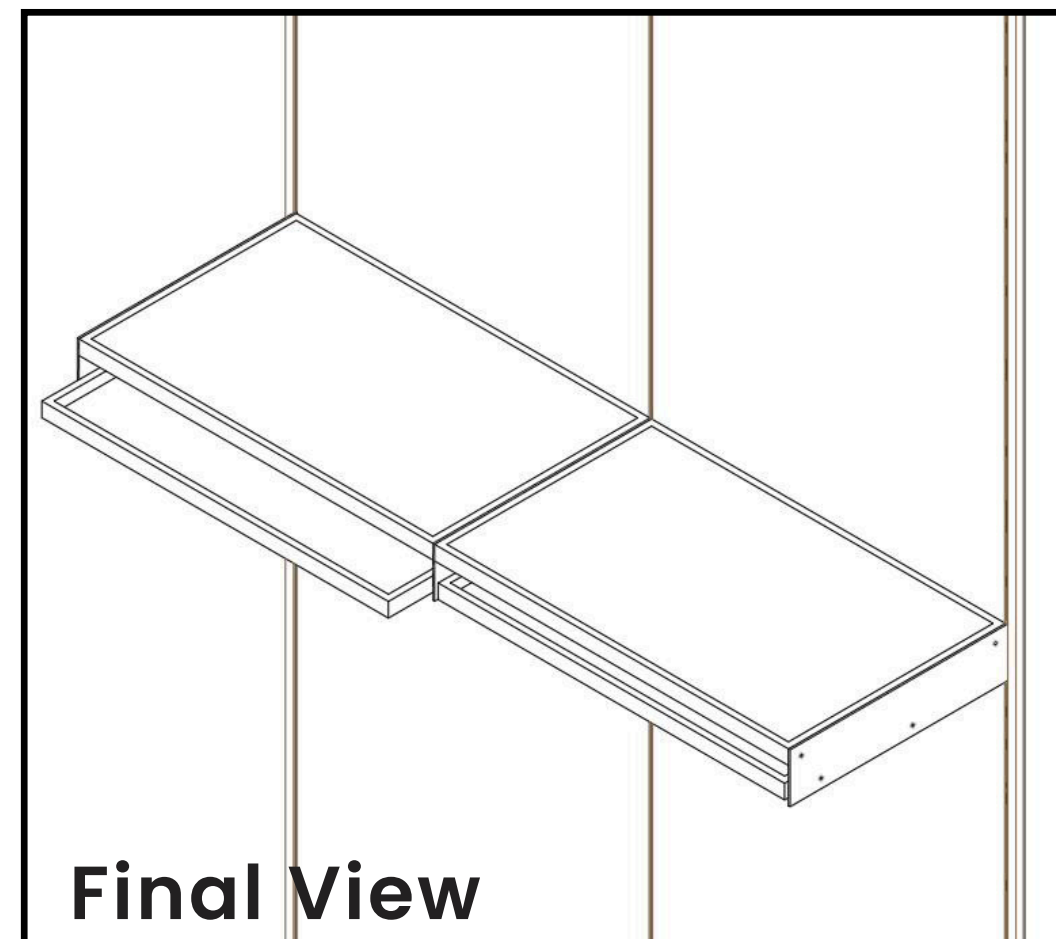


ITEMS INSTALLATION

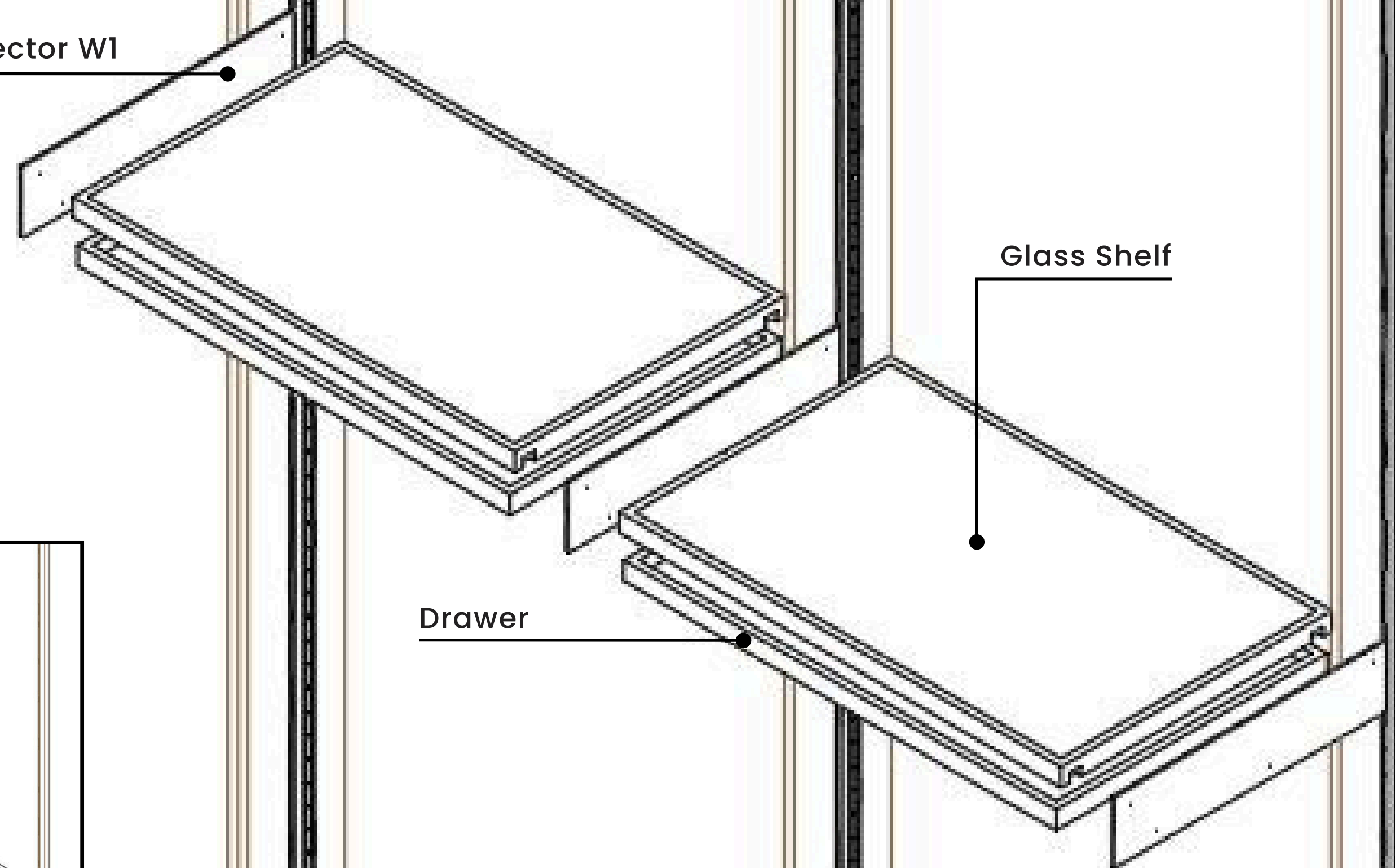
B- Wide Connector

Isometric View – Wide Connector **W1** Installation

- The isometric view illustrates how the Wide Connector W1 is installed. It shows how the connector supports the shelf and the drawer.



Wide Connector W1

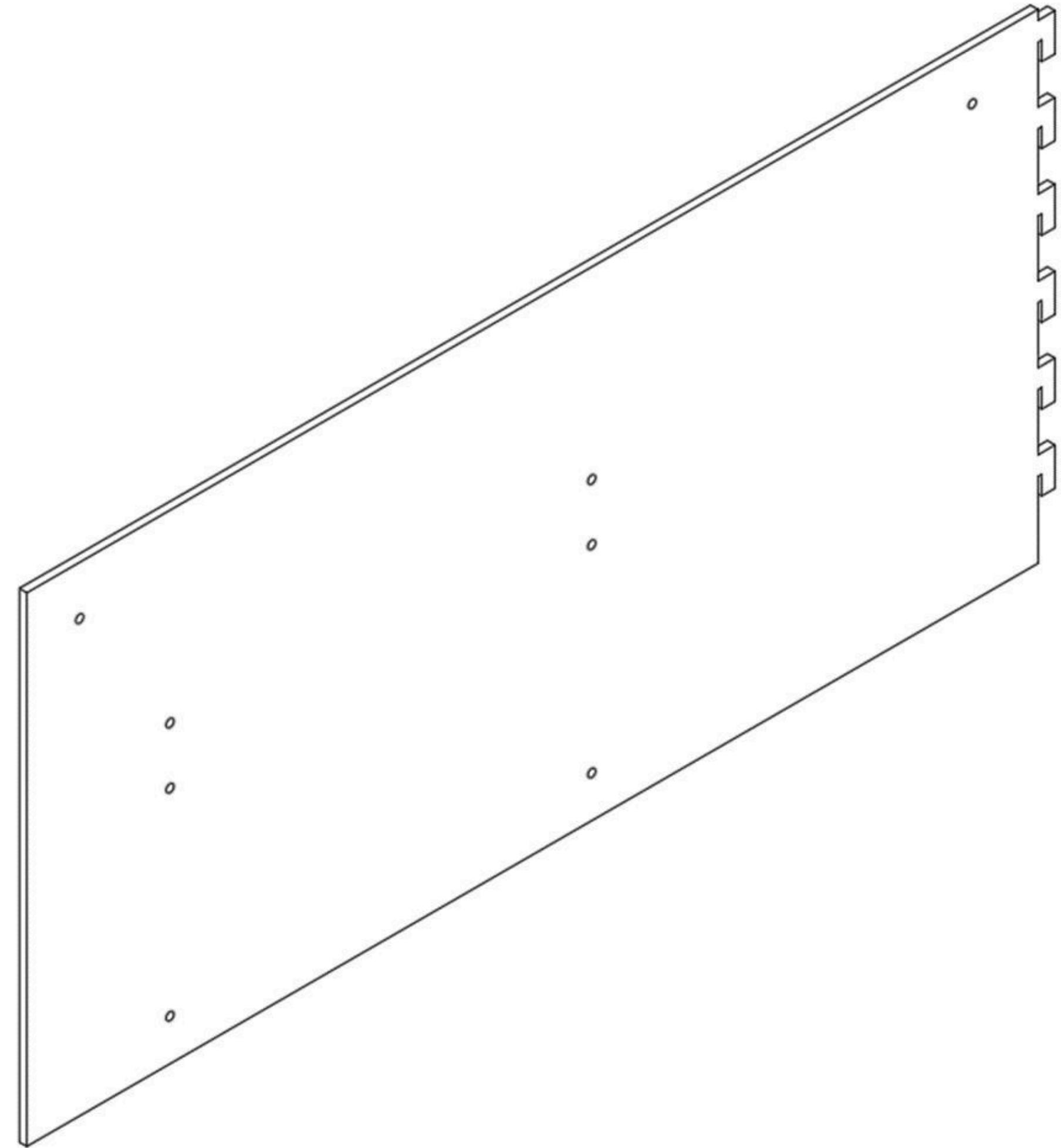


ITEMS INSTALLATION

B- Wide Connector

2. Wide Connector **W2**

- Wide Connector **W2** is designed for three combination options: one shelf with either two drawers, one drawer and a trousers hanger, or one drawer and a wire shoe holder.
- The next slides provide a detailed explanation of each option.



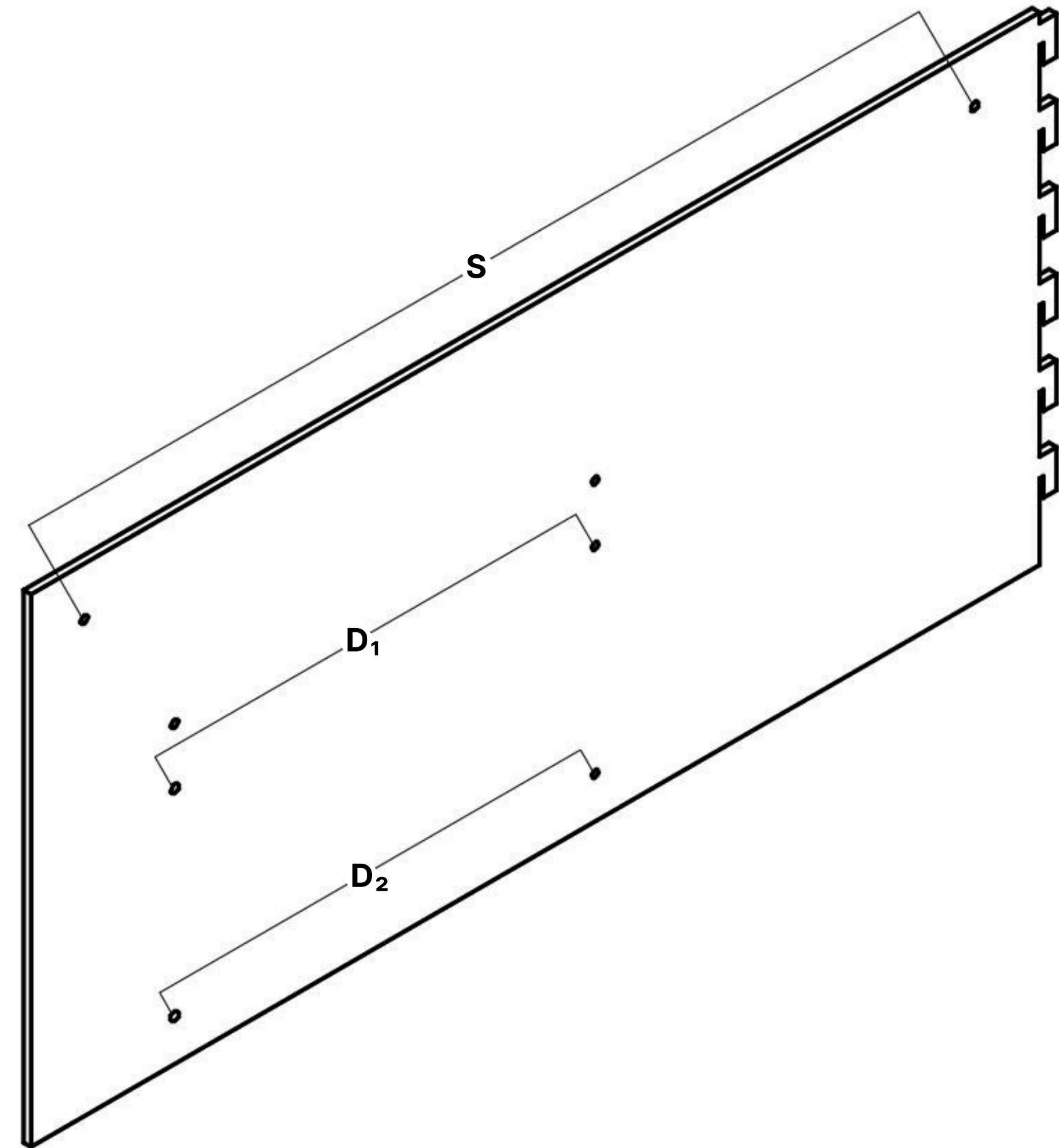
ITEMS INSTALLATION

B- Wide Connector

2. Wide Connector **W2**

a. **Option 1:** Shelf + 2 Drawer

- **S** for the shelf
- **D₁** for the first drawer
- **D₂** for the second drawer

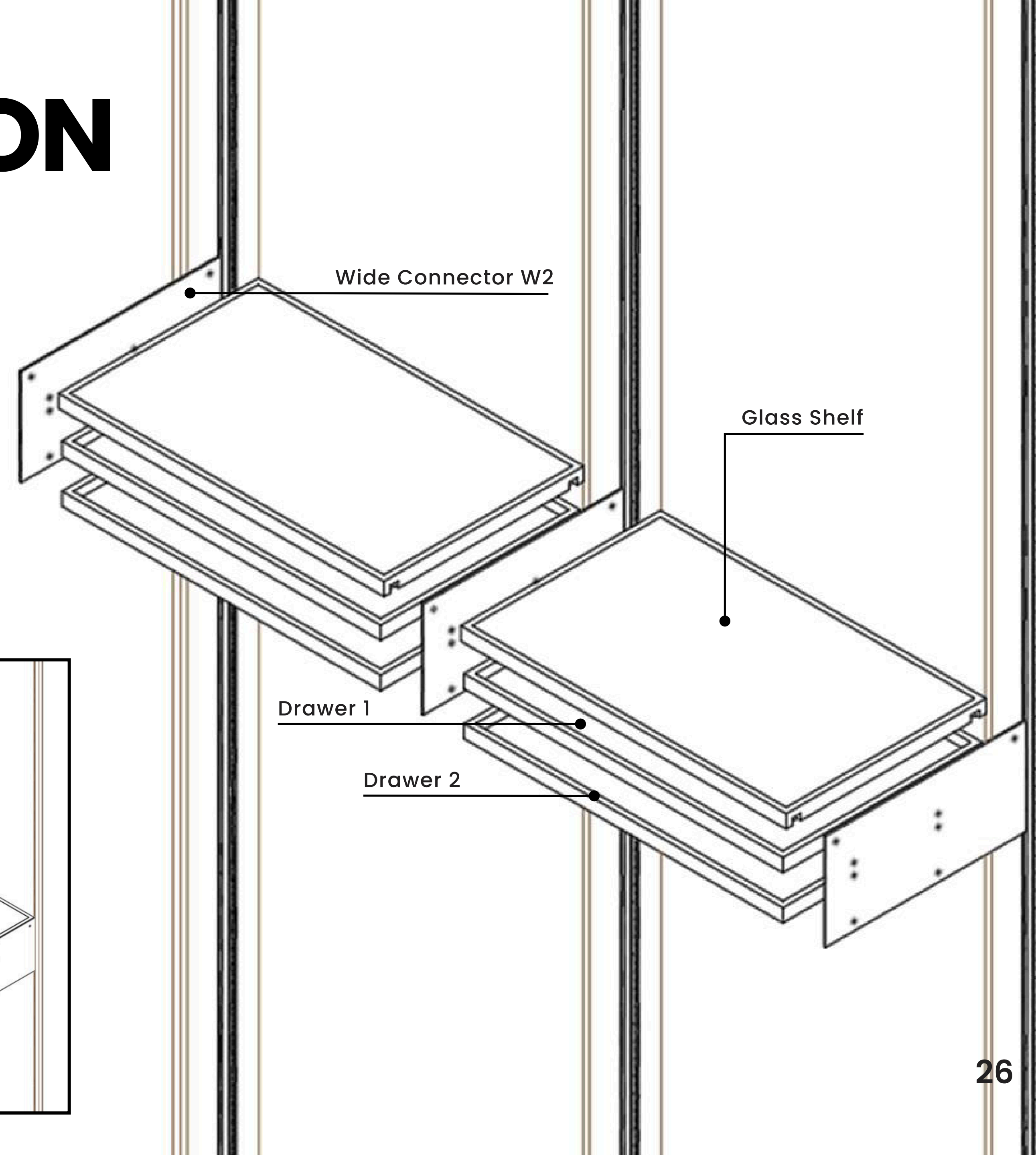
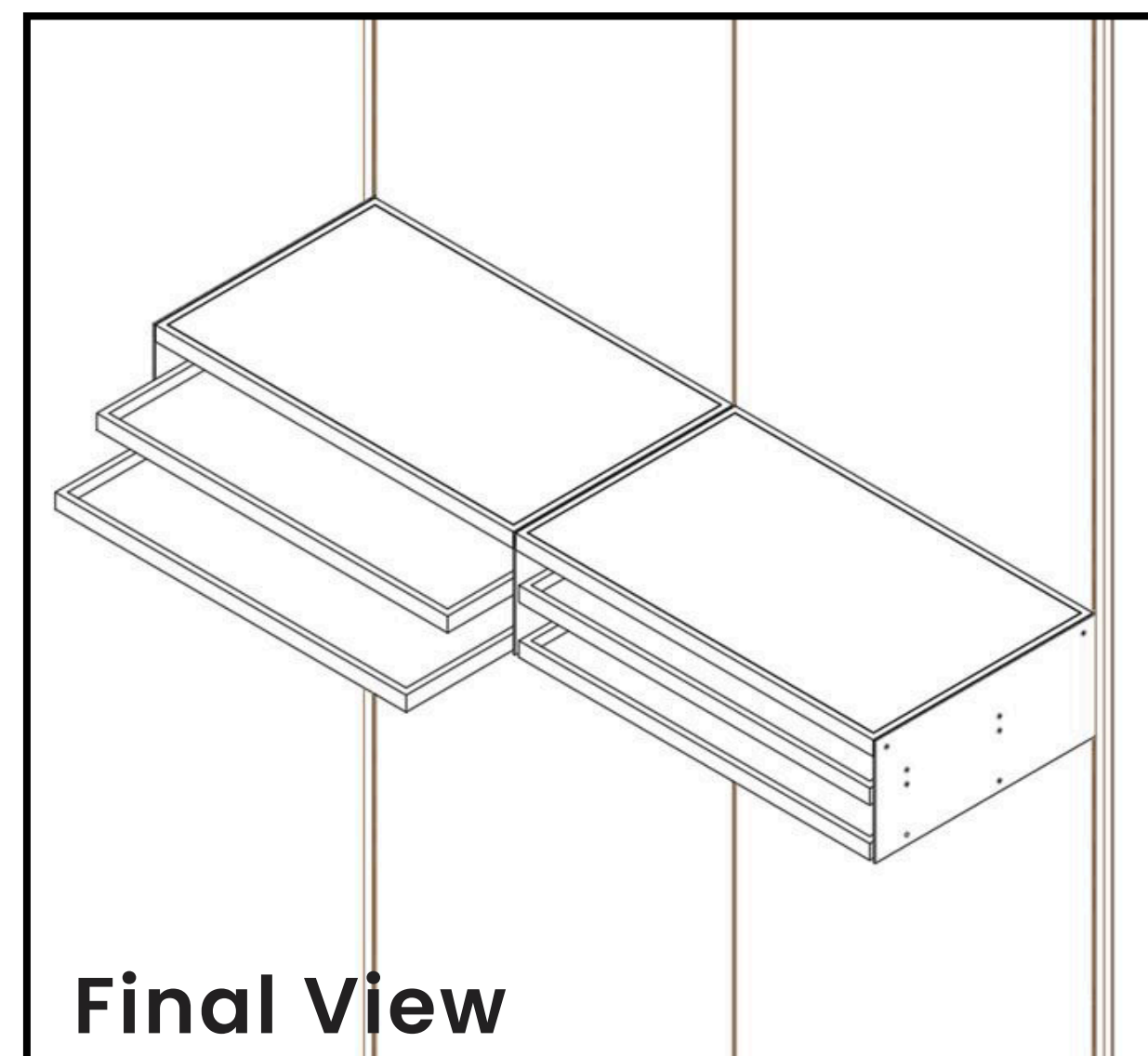


ITEMS INSTALLATION

B- Wide Connector

Isometric View – Option 1 Installation

- The isometric view illustrates how the Wide Connector W2 is installed. It shows how the connector supports the shelf and two drawers.



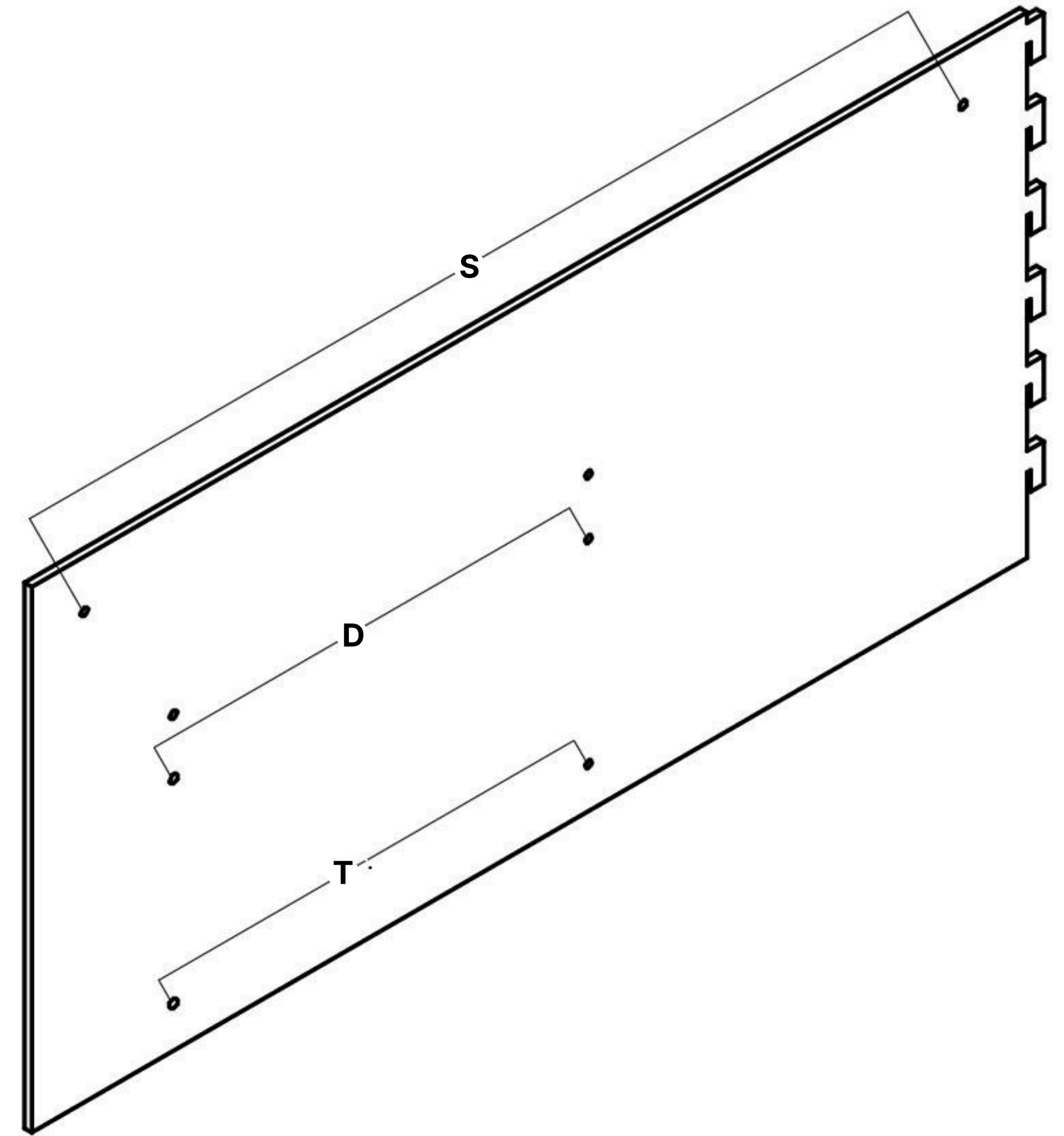
ITEMS INSTALLATION

B- Wide Connector

2. Wide Connector **W2**

b. **Option 2:** shelf + drawer + trouser hanger

- **S** for the shelf
- **D** for the drawer
- **T** for the trouser hanger

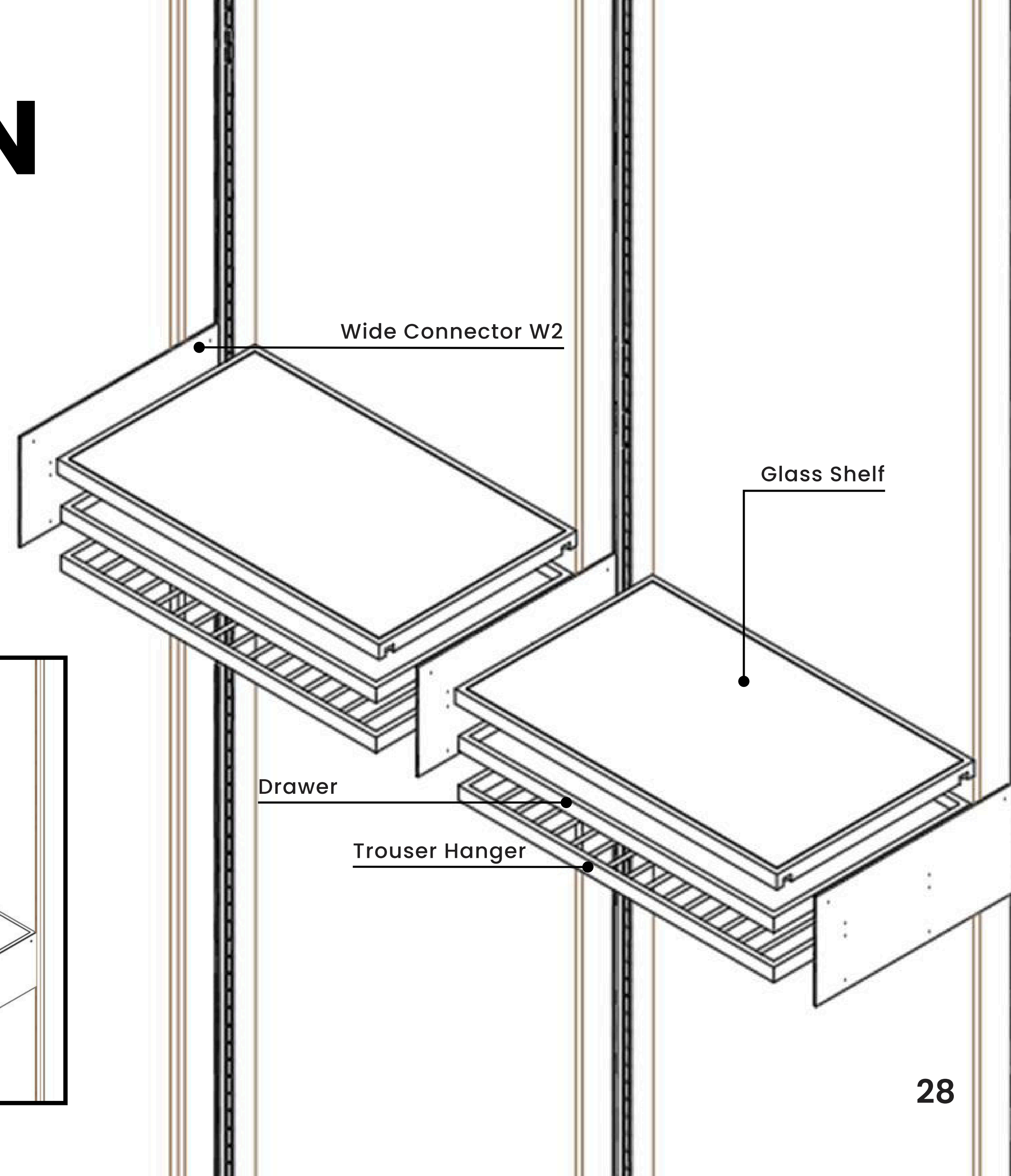
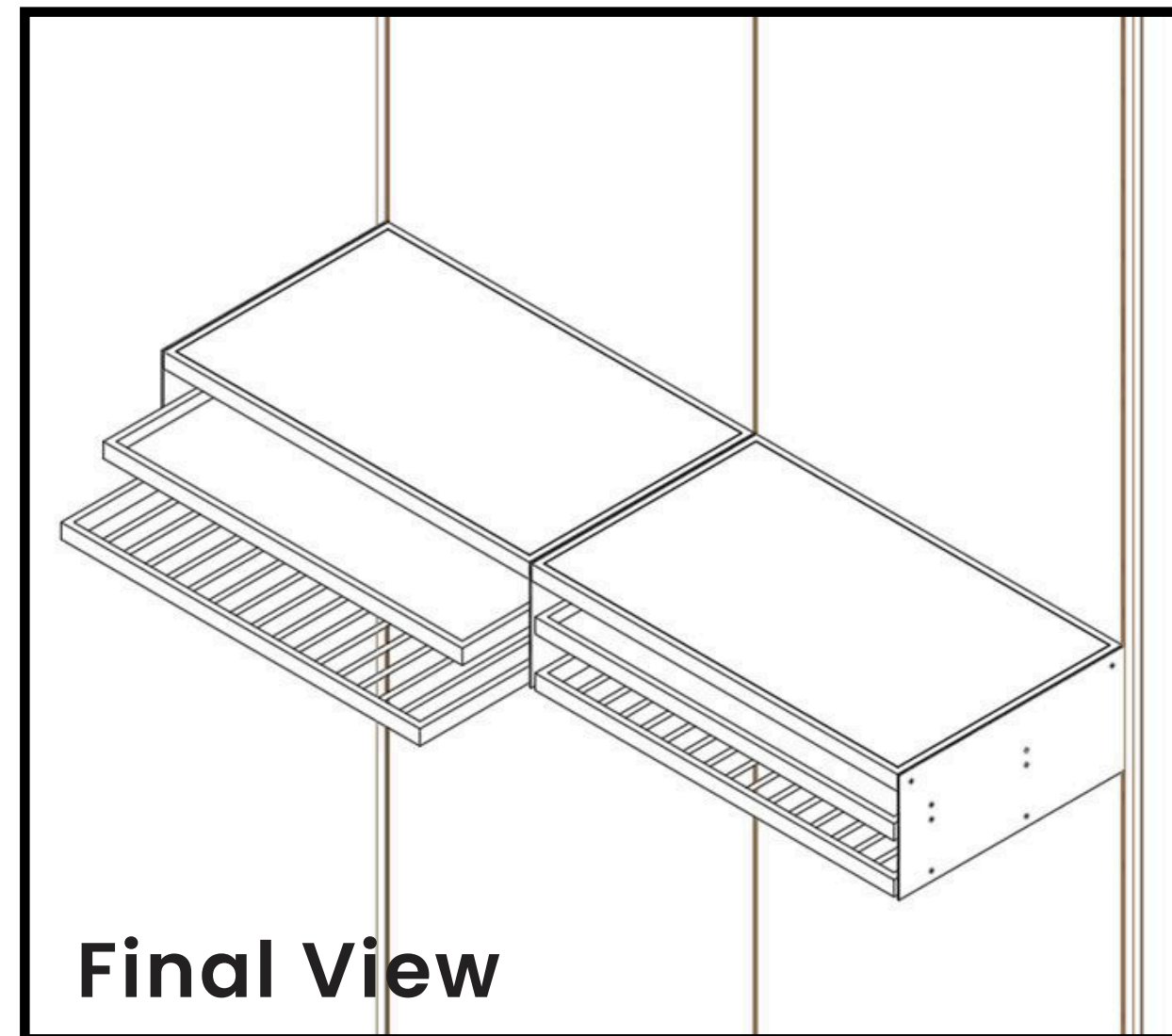


ITEMS INSTALLATION

B- Wide Connector

Isometric View – Option 2 Installation

- The isometric view illustrates how the Wide Connector W2 is installed. It shows how the connector supports the shelf, a drawer and a trouser hanger.



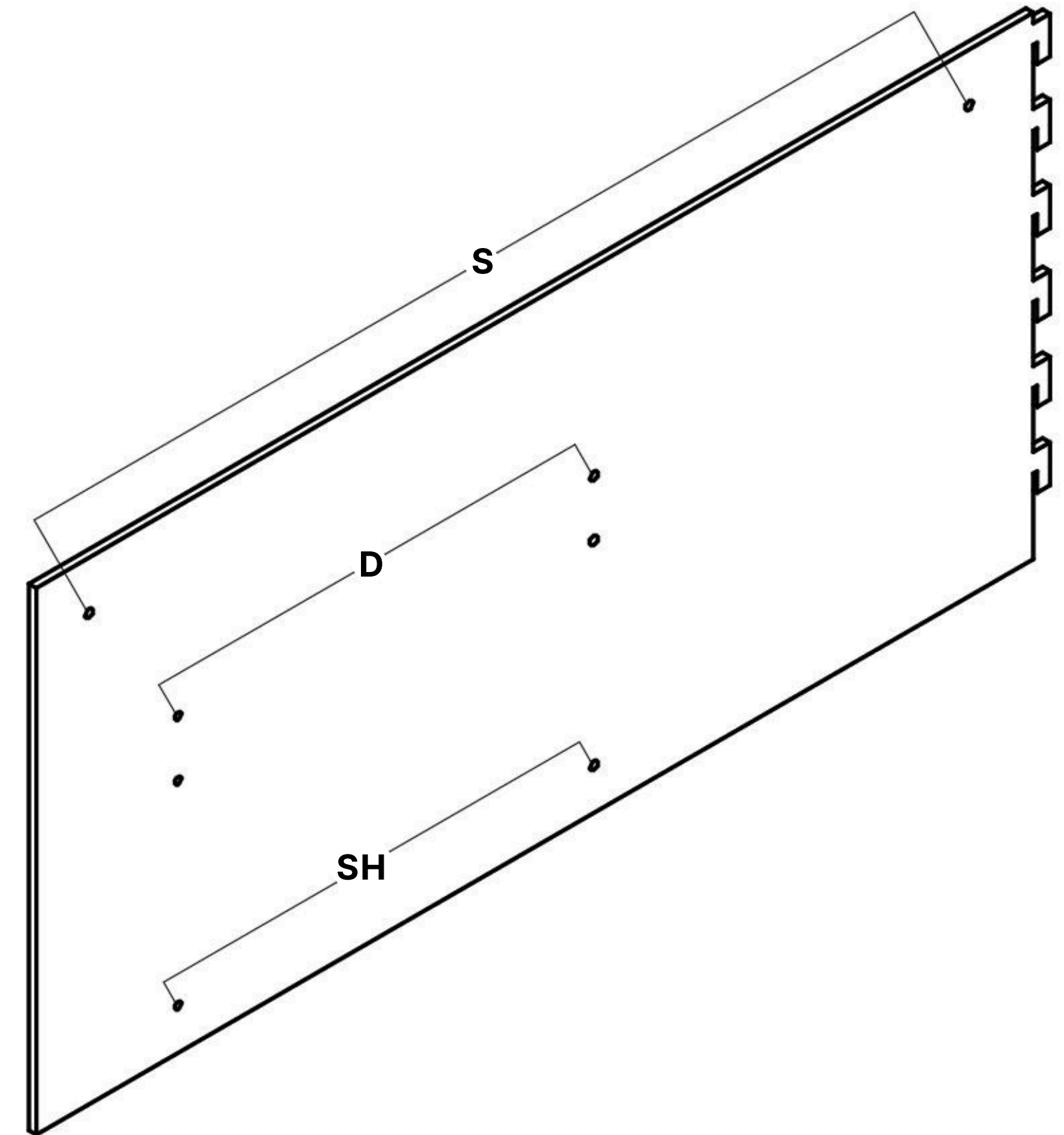
ITEMS INSTALLATION

B- Wide Connector

2. Wide Connector **W2**

c. **Option 3:** shelf + drawer + wire shoe holder

- **S** for the shelf
- **D** for the drawer
- **SH** for the wire shoe holder

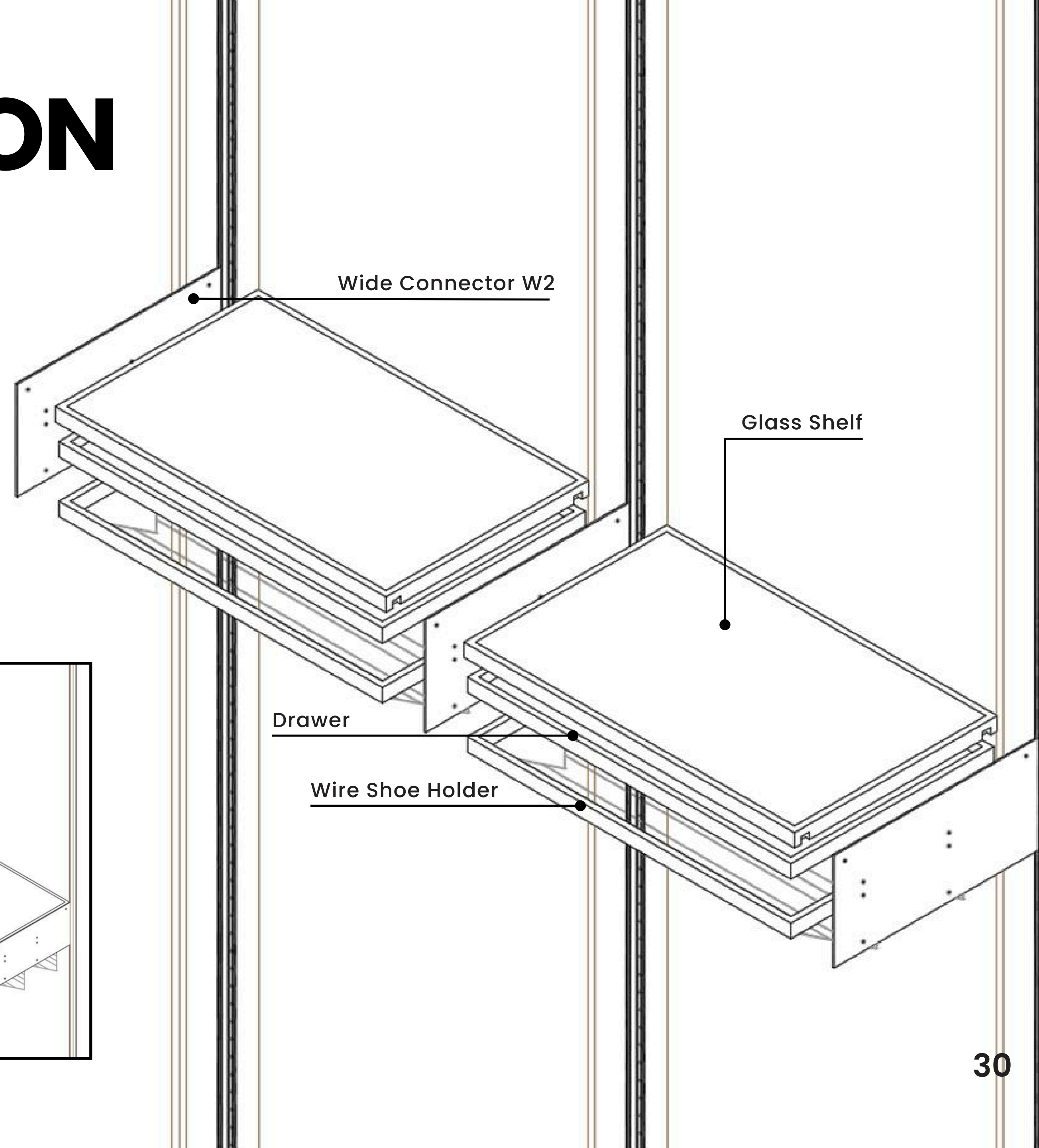
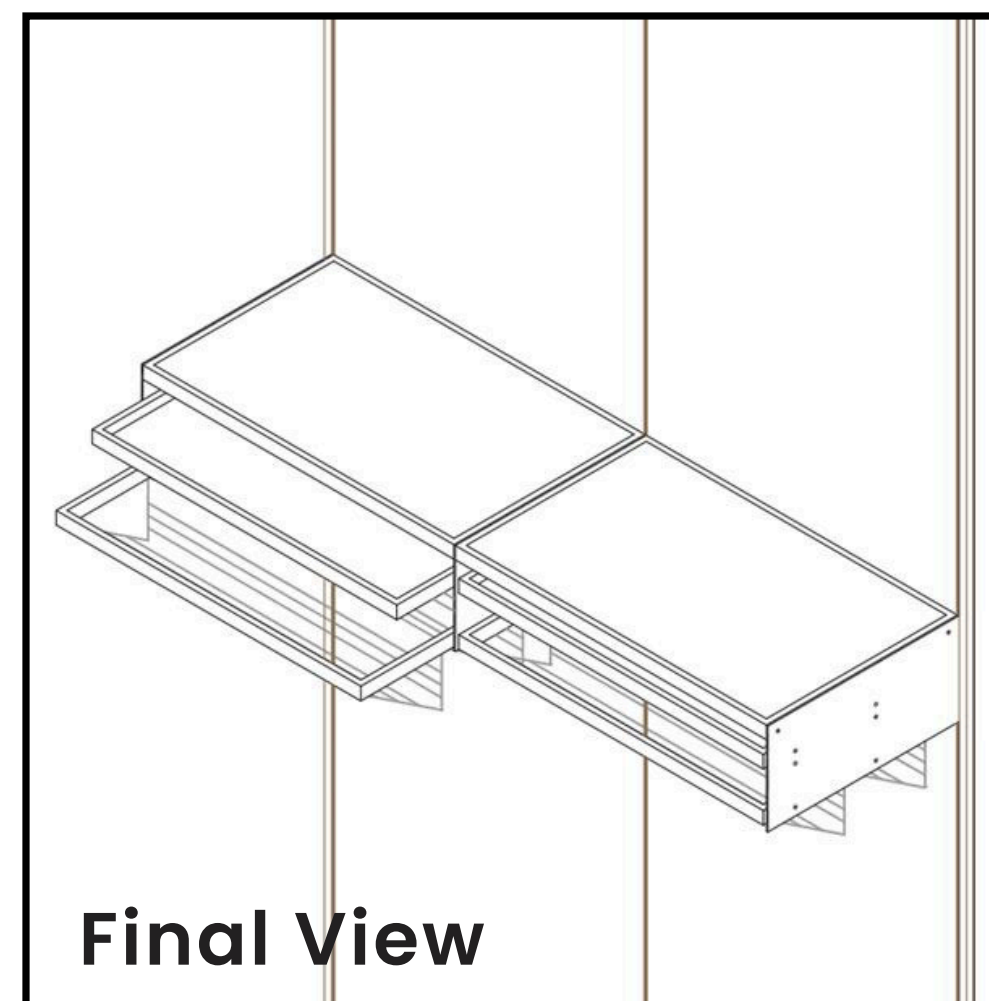


ITEMS INSTALLATION

B- Wide Connector

Isometric View – Option 3 Installation

- The isometric view illustrates how the Wide Connector W2 is installed. It shows how the connector supports the shelf, a drawer and a wire shoe holder.

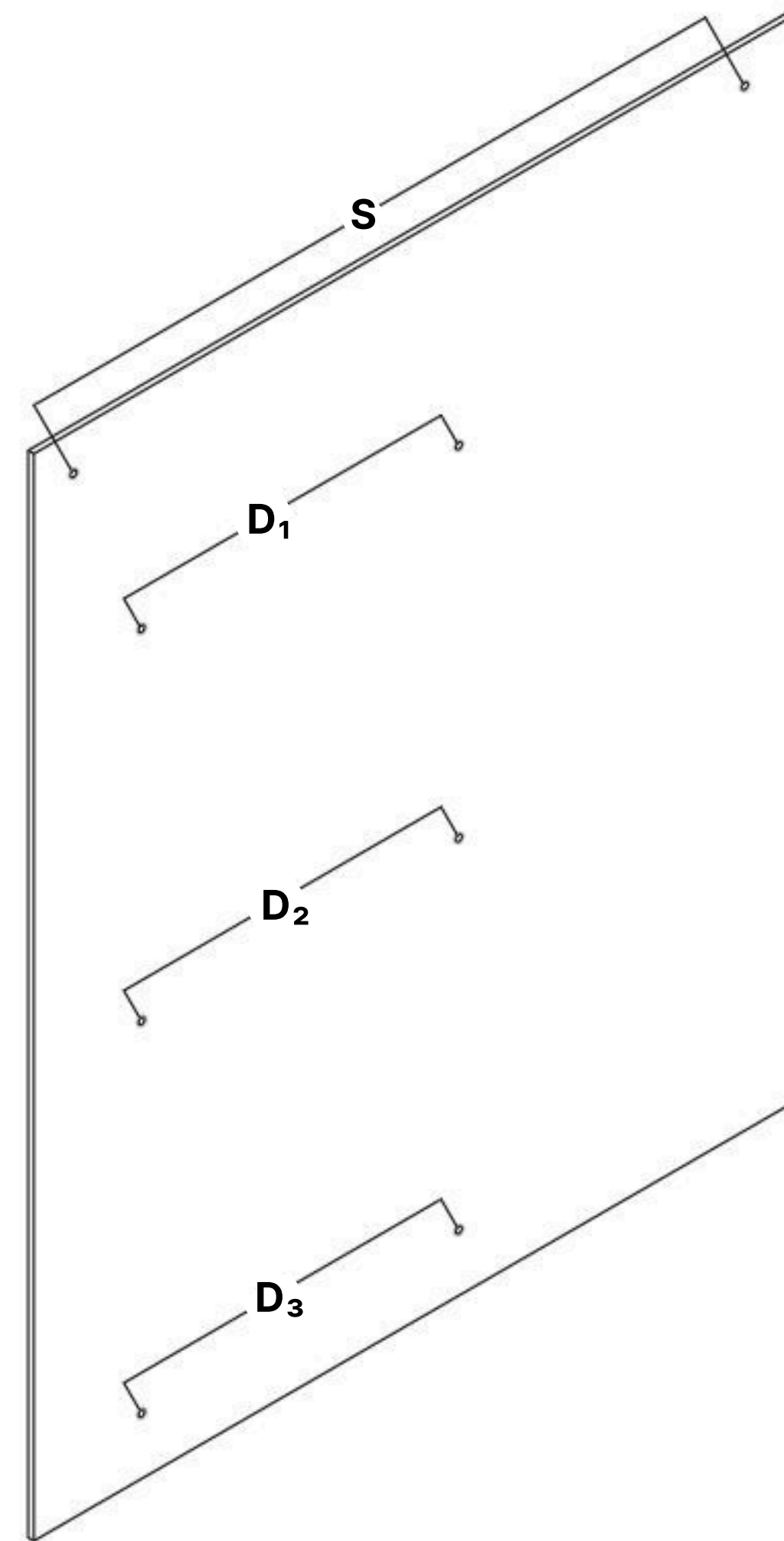


ITEMS INSTALLATION

B- Wide Connector

3. Wide Connector **W3**

- Wide Connector **W3** is designed to support one shelf, and 3 drawers; Slim Box with metal or glass inner handle.



S : Shelf

D₁ : First Drawer

D₂ : Second Drawer

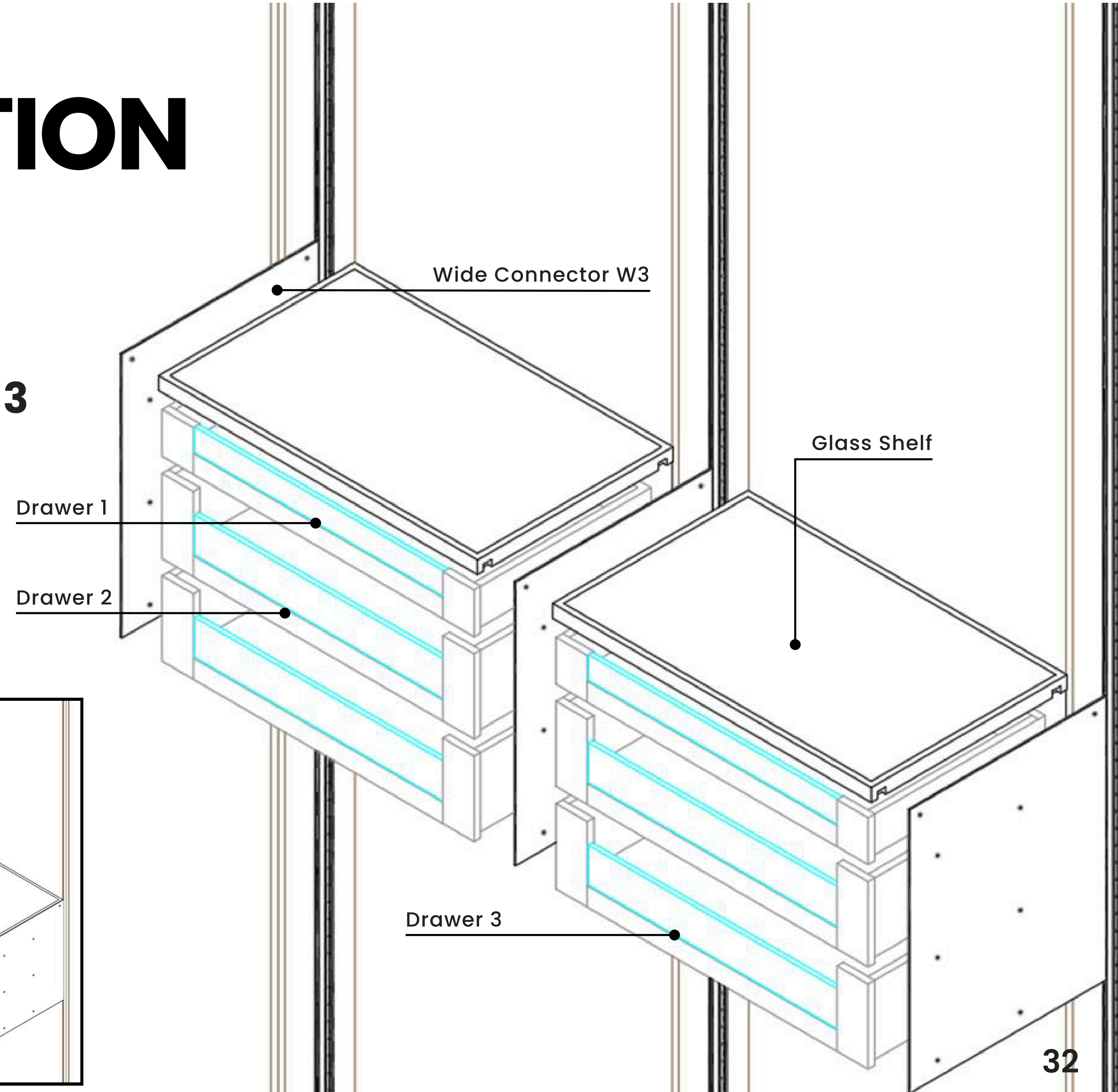
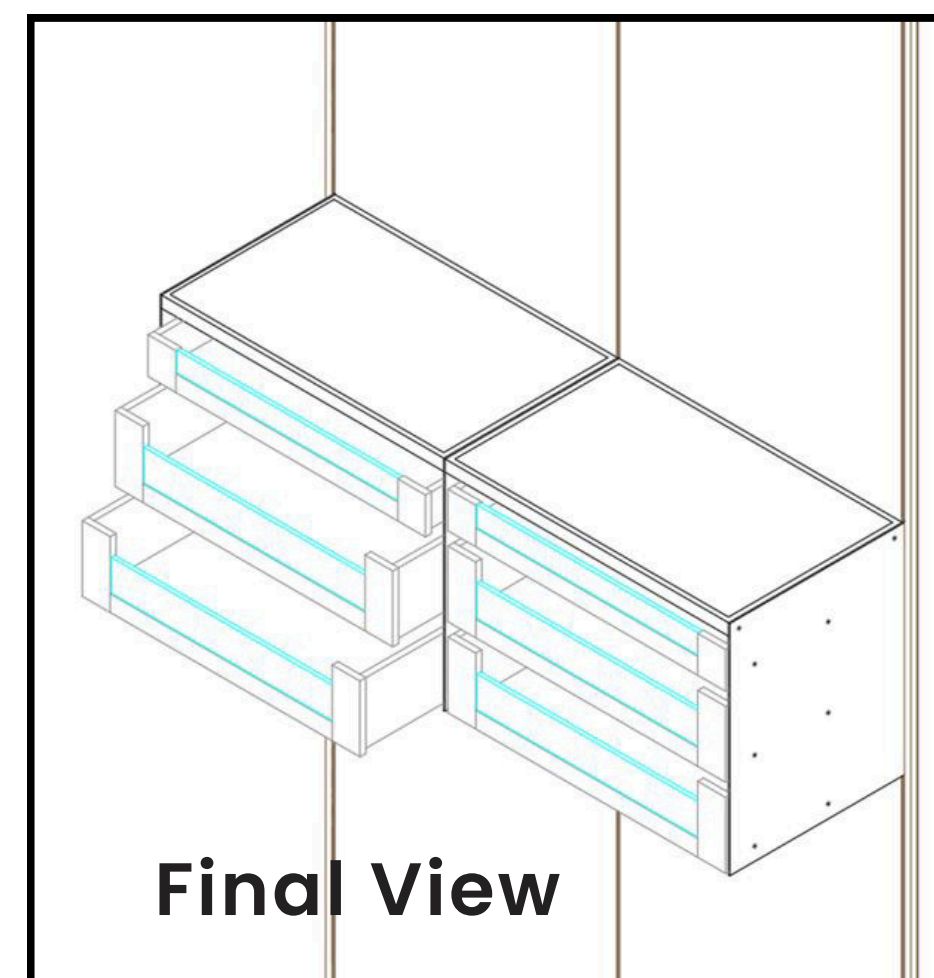
D₃ : Third Drawer

ITEMS INSTALLATION

B- Wide Connector

Isometric View – Wide Connector W3 Installation

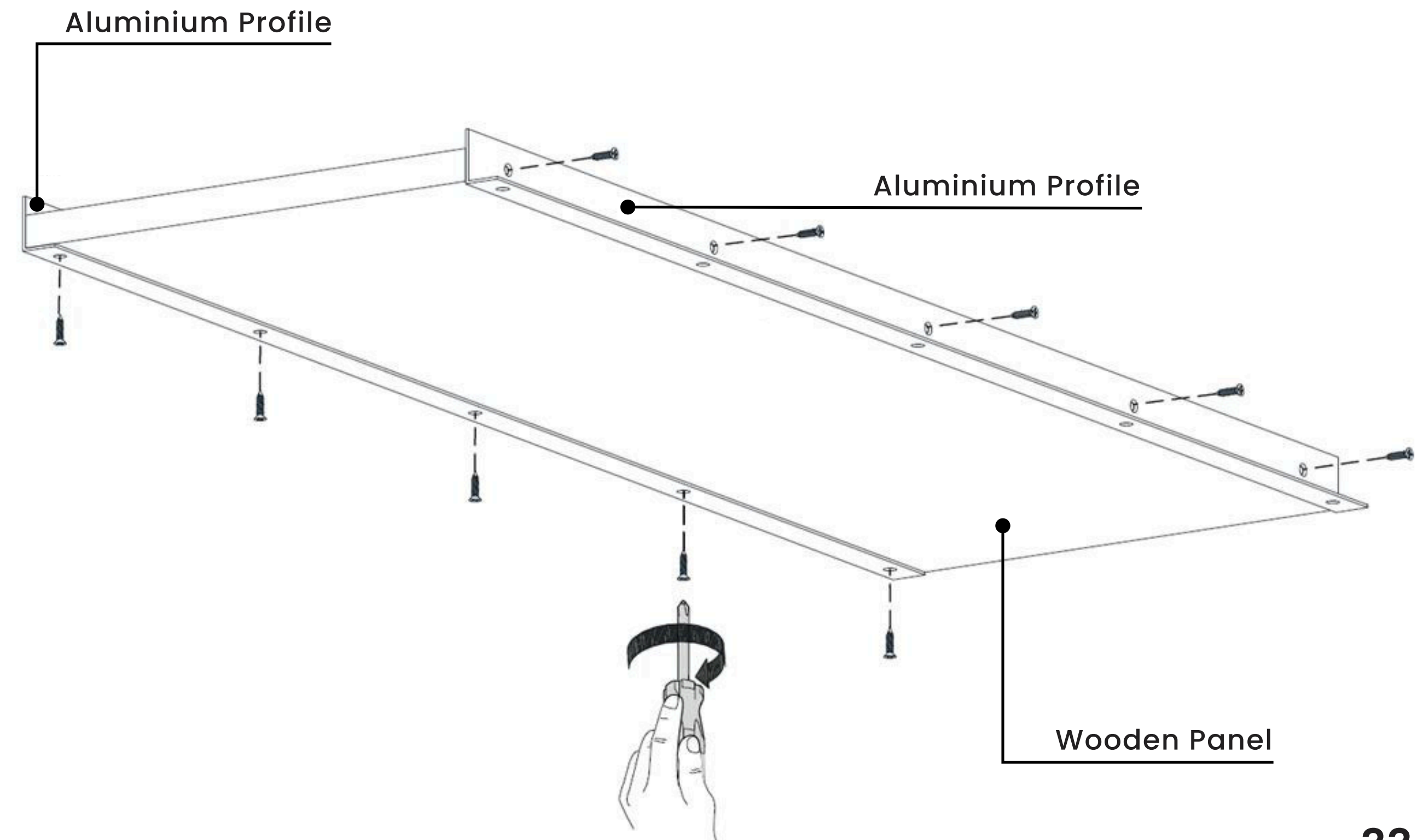
- The isometric view illustrates how the Wide Connector W3 is installed. It shows how the connector supports one shelf, and 3 drawers Slim Box with glass inner handle.



ITEMS INSTALLATION

C- SHOE HOLDER CONNECTOR

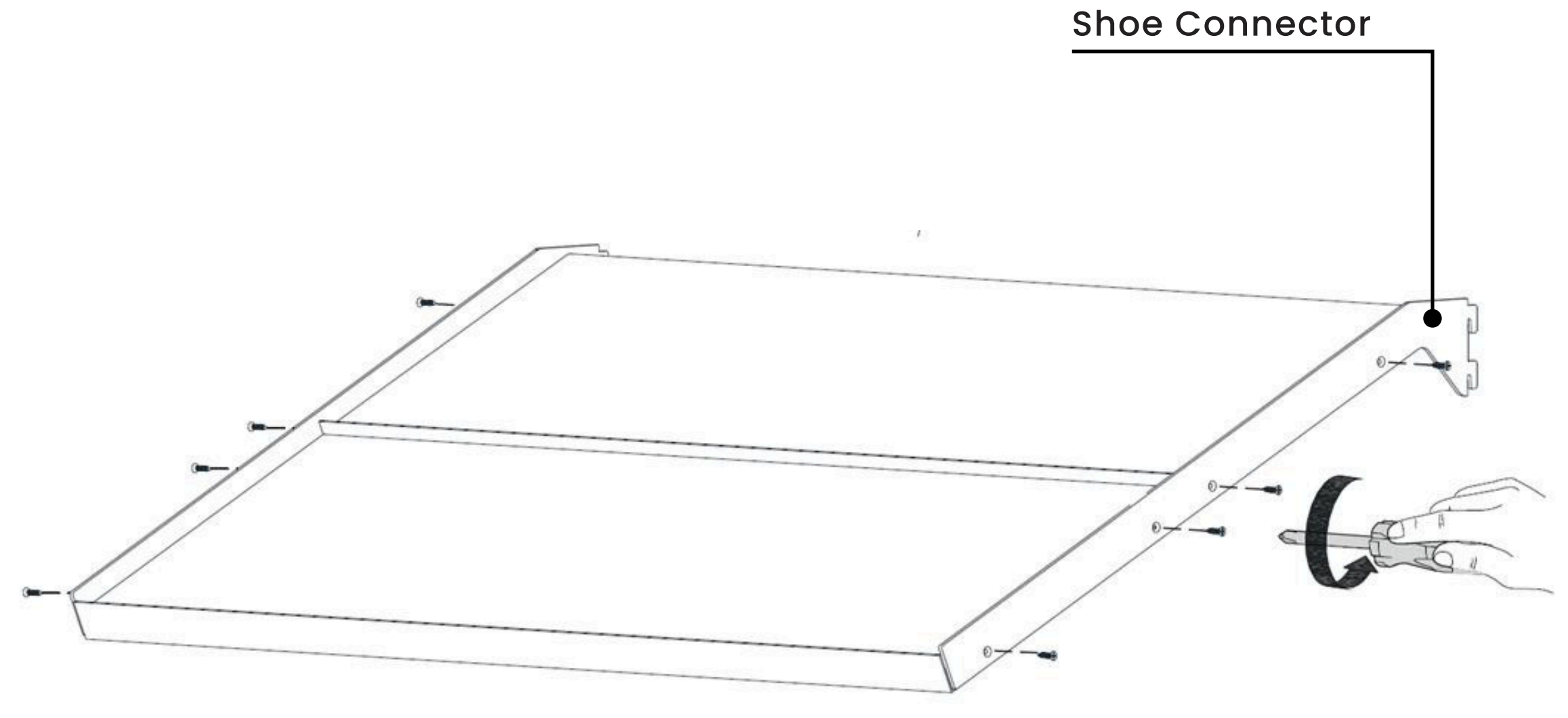
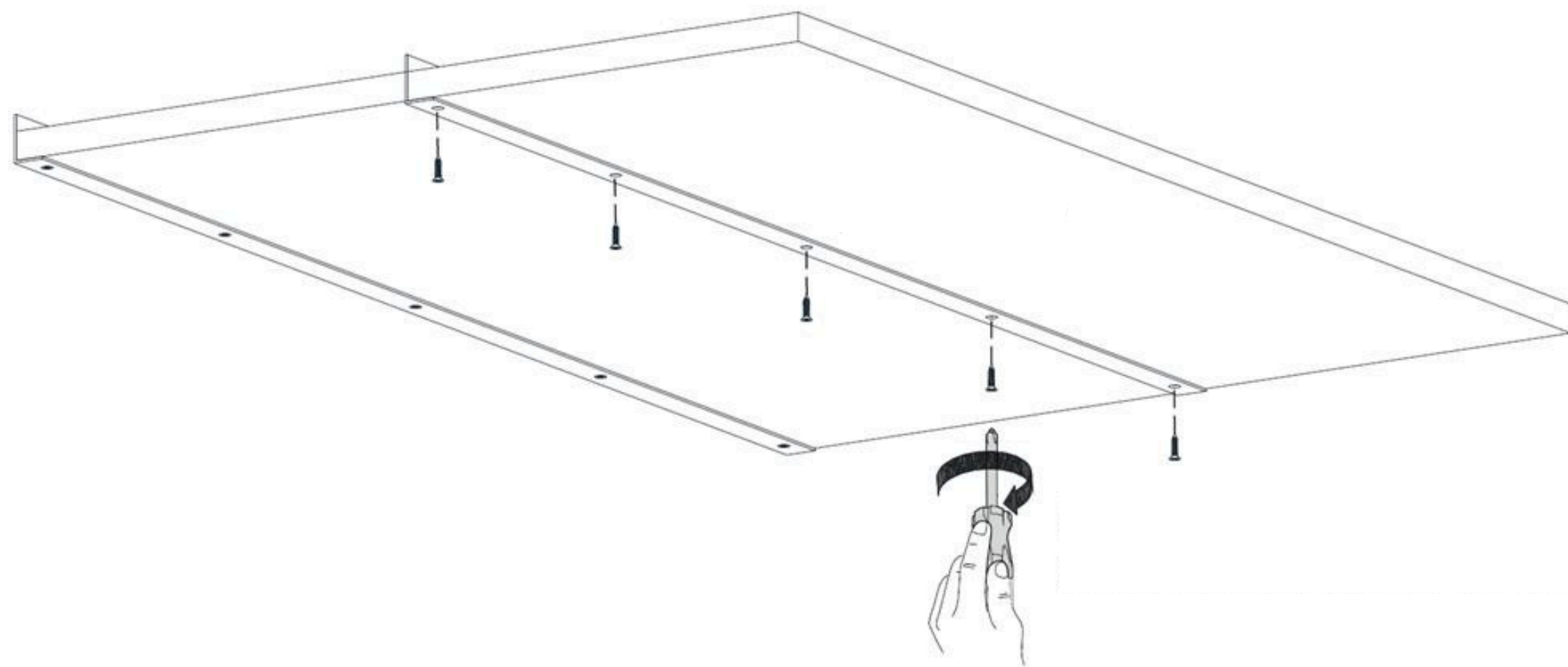
1. Install an aluminium profile along the lower edge of the first wooden panel to prevent shoes from slipping. Secure the profile using screws from the underside.
2. Place the first wooden panel over the aluminium profile. Then, add another aluminium profile to the top edge of this panel and fix it in place with screws.



ITEMS INSTALLATION

C- SHOE HOLDER CONNECTOR

3. Position the second wooden panel in the correct position, then fix it using screws through the aluminium profile.



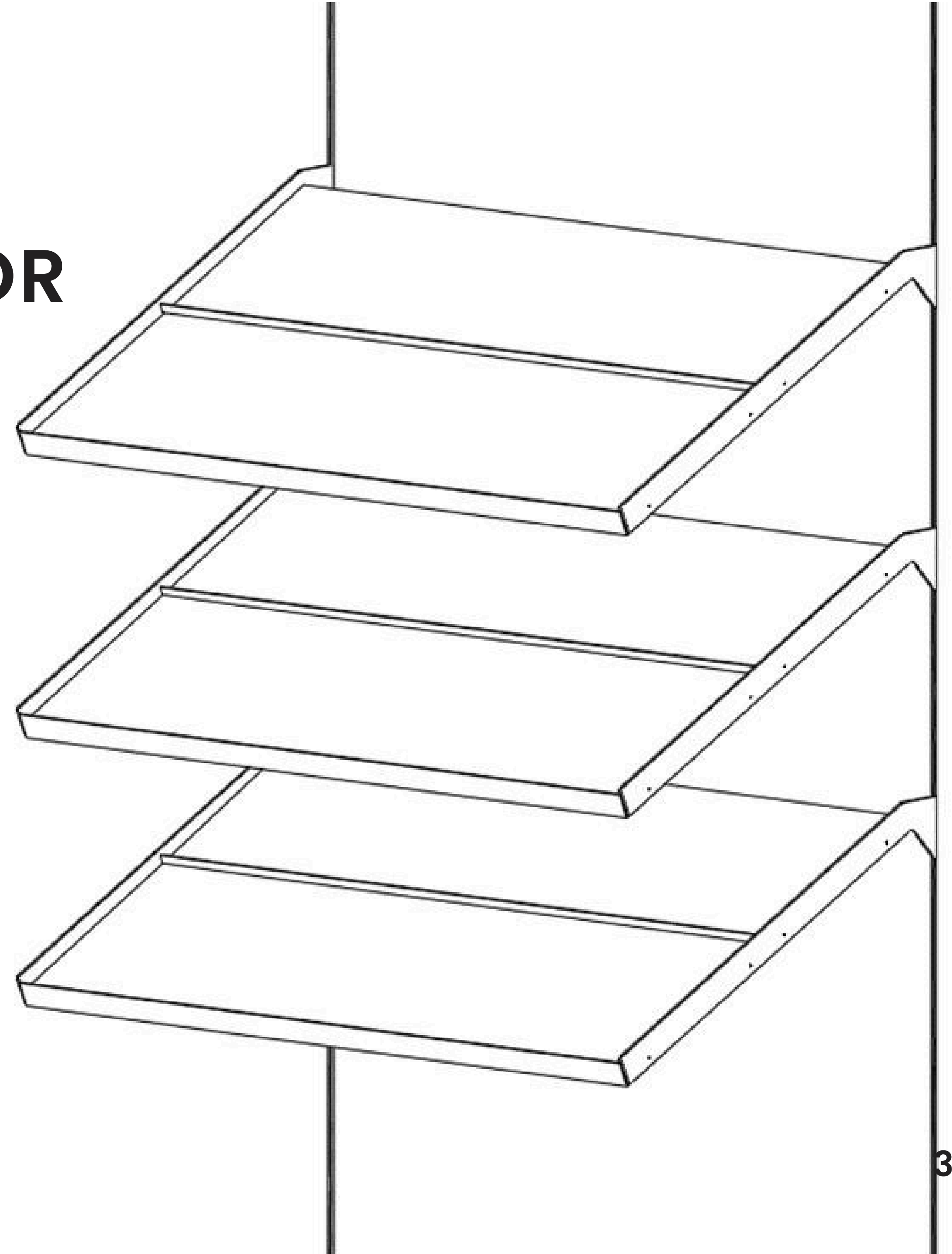
4. Add the shoe connectors on both sides. Fix them to the wooden panels with screws.

ITEMS INSTALLATION

C- SHOE HOLDER CONNECTOR

Isometric View – Shoe Connector Installation

- The isometric view illustrates how the shoe connector is installed. It shows how the connector supports the shoe shelves.

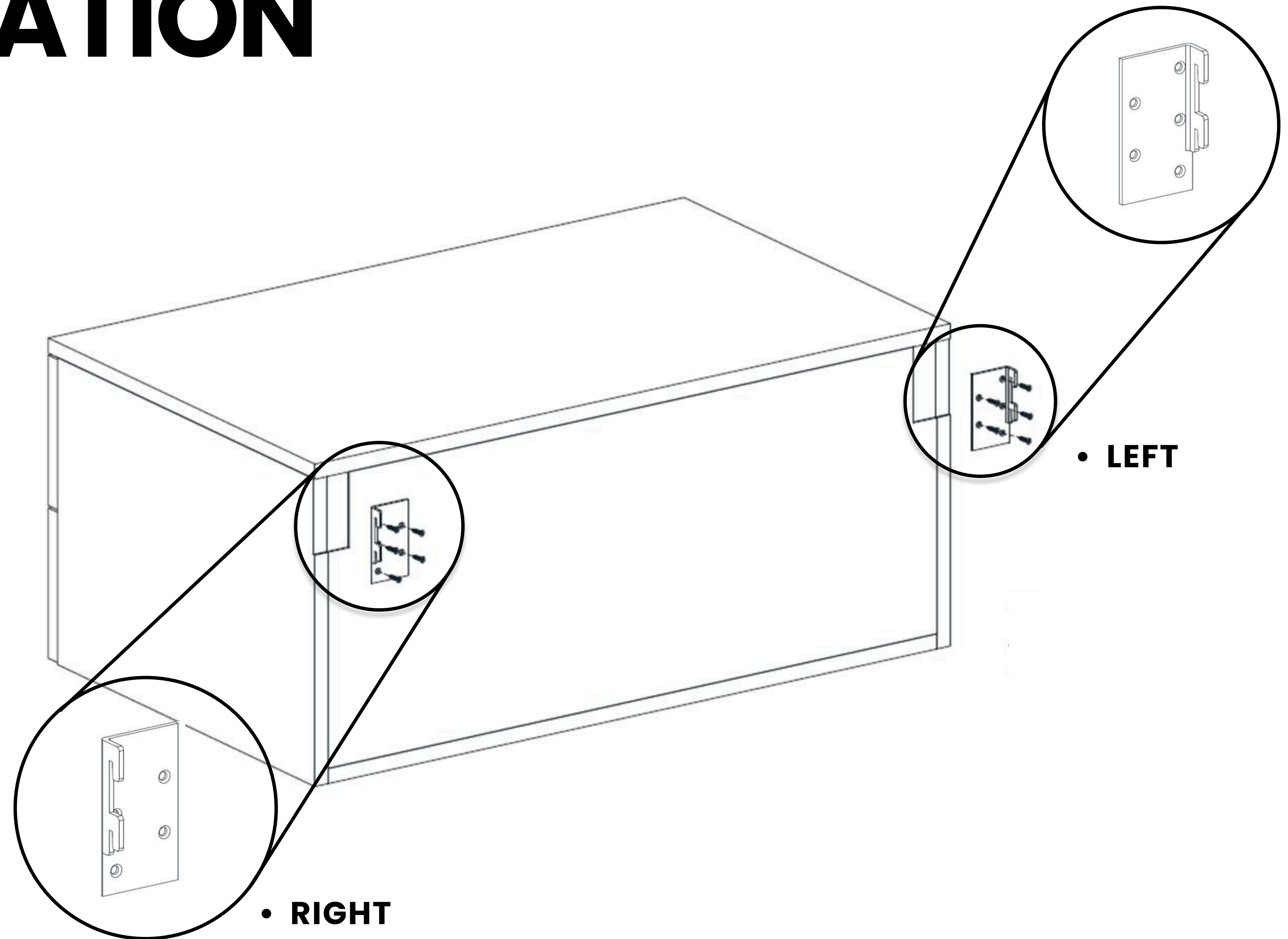


ITEMS INSTALLATION

D- WOODEN UNIT

Single Wooden Unit

- Each wooden unit needs two metal connectors: one on the left side and one on the right side.
- These connectors are used to fix the wood unit securely in place.

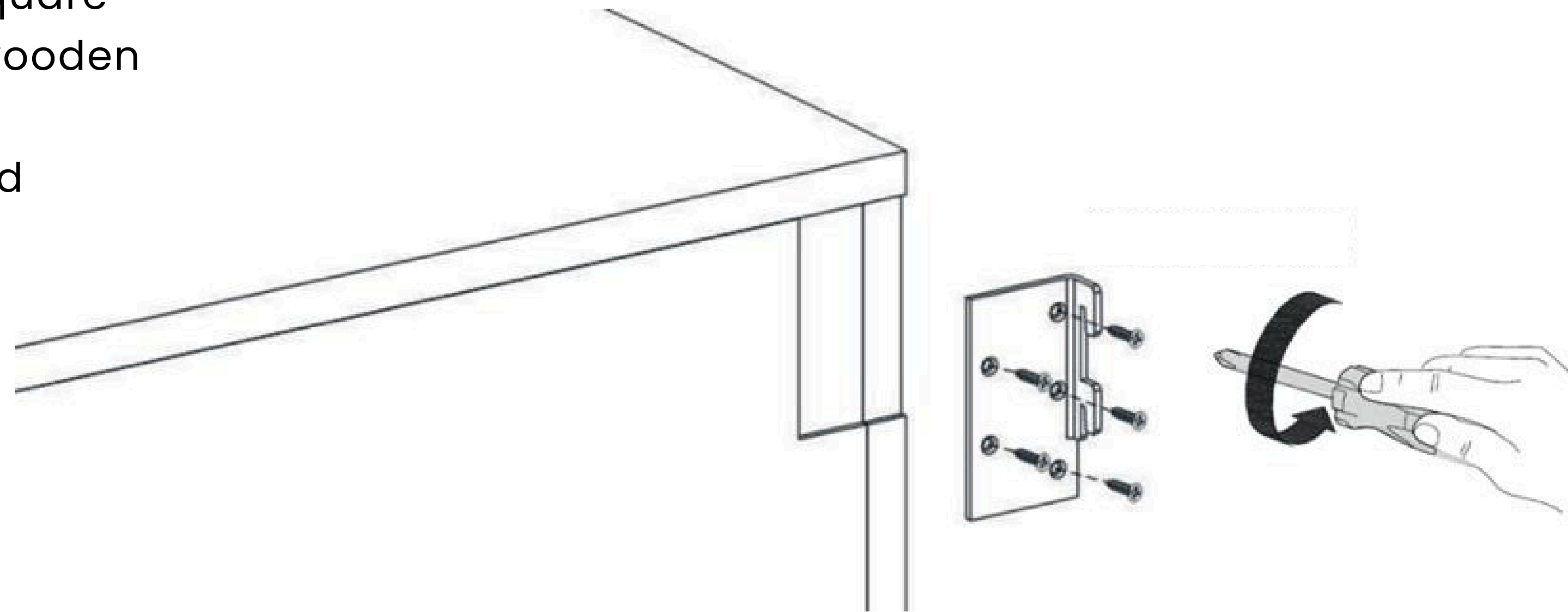


ITEMS INSTALLATION

D- WOODEN UNIT

Single Wooden Unit

- The connectors are screwed into the back side of the wooden unit, as shown in the detailed view.
- To fix the connector in the correct position, a square space should be cut into the back side of the wooden unit. The depth of this space must match the thickness of the connector so it fits properly and stays in place.

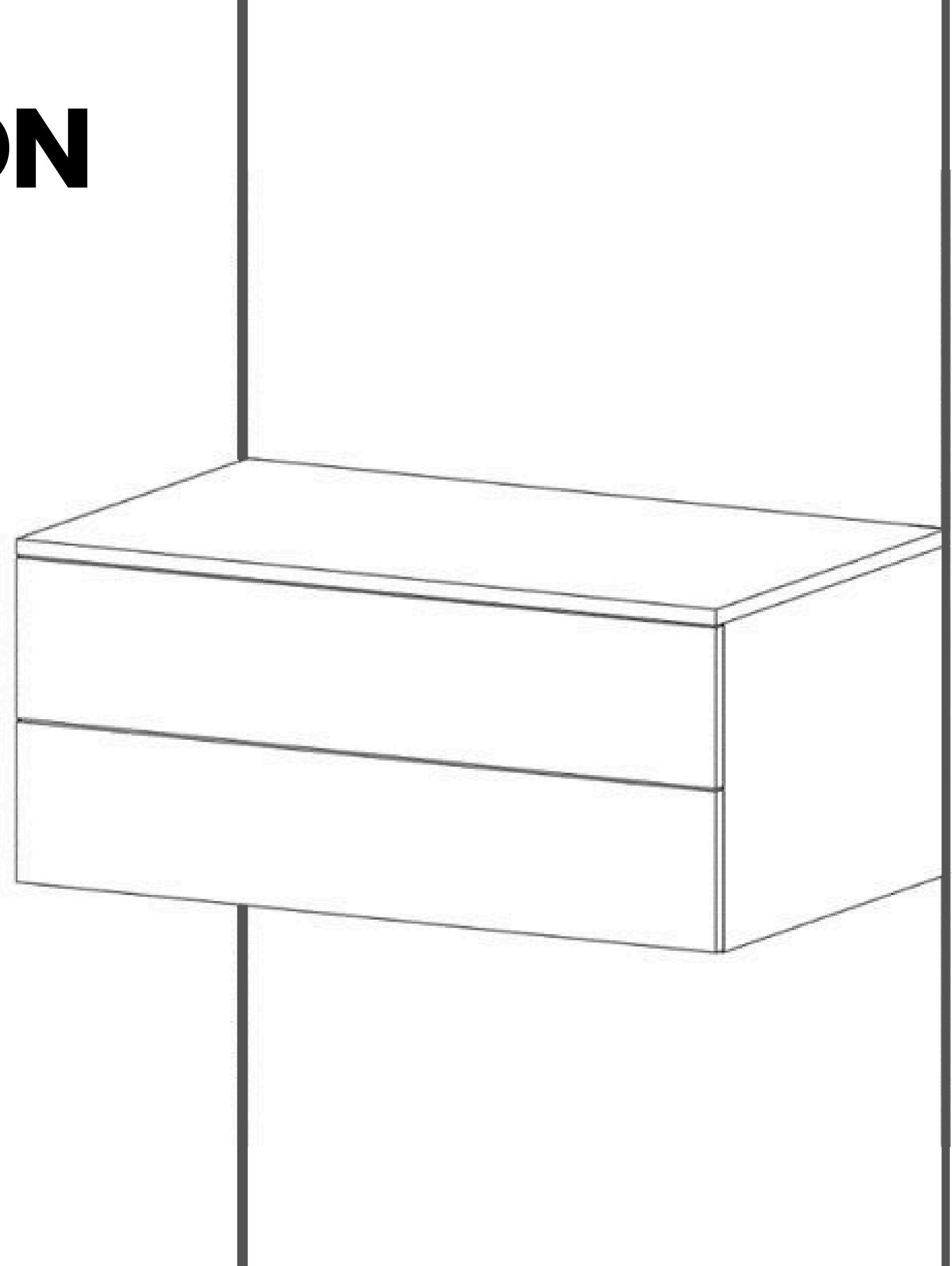


ITEMS INSTALLATION

D- WOODEN UNIT

Isometric View – Single Wooden Unit Installation

- The isometric view illustrates how the wood unit is installed.

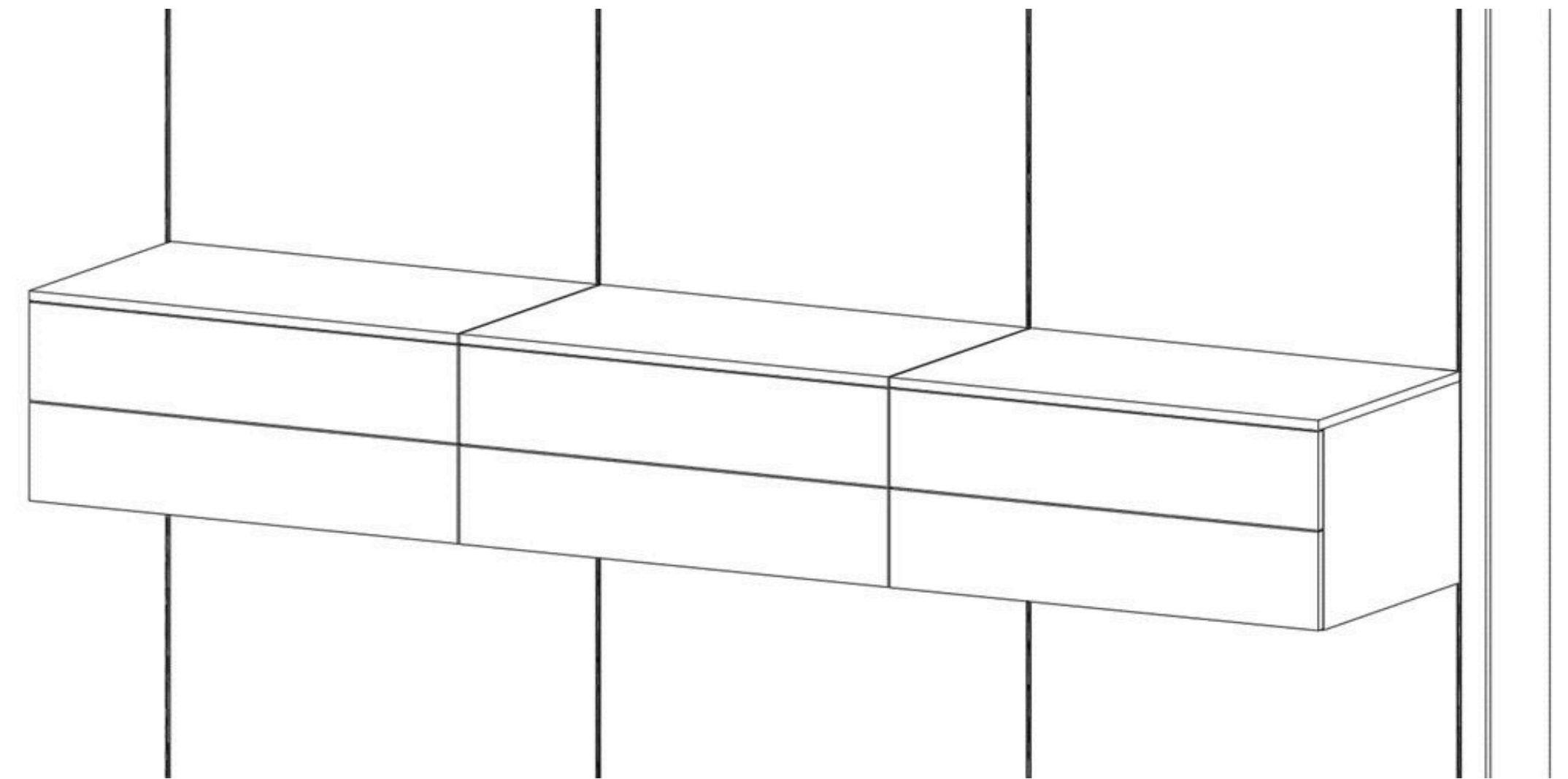
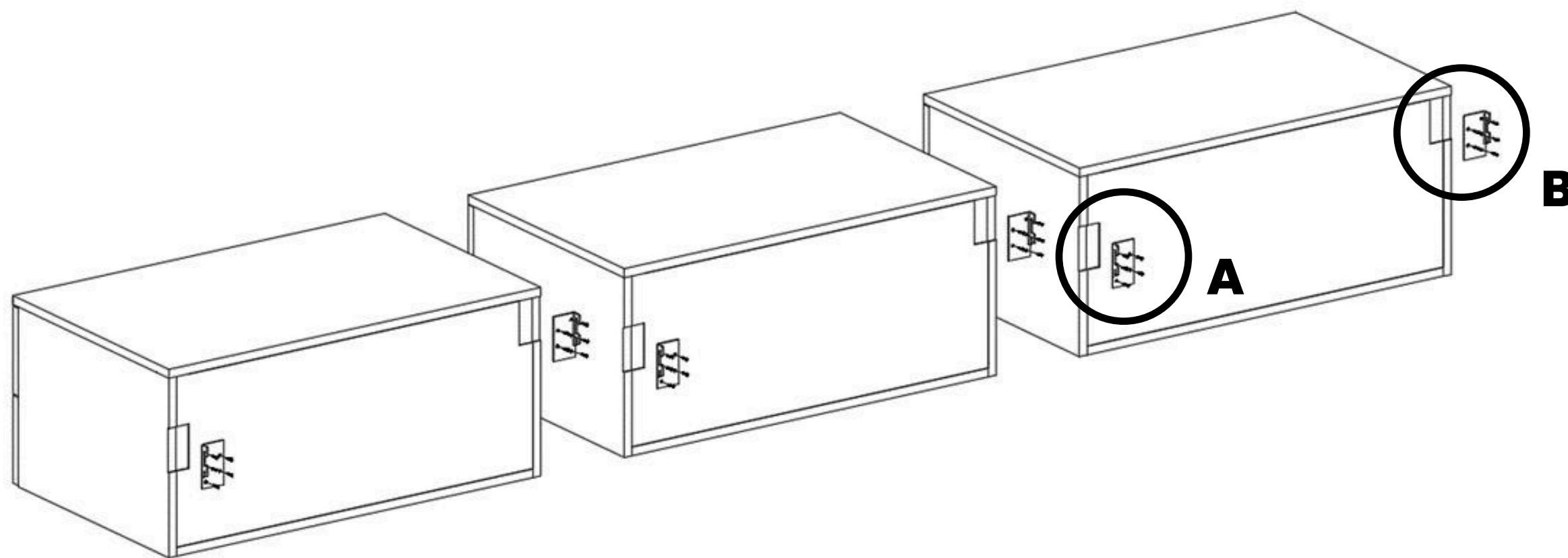


ITEMS INSTALLATION

D- WOODEN UNIT

Isometric View – Multiple Wooden Units Installation

- The view below shows the installation of multiple wooden units. Each unit is securely fixed using two metal connectors A, B positioned on the back side. The first connector is mounted at the top, while the second is placed slightly lower.



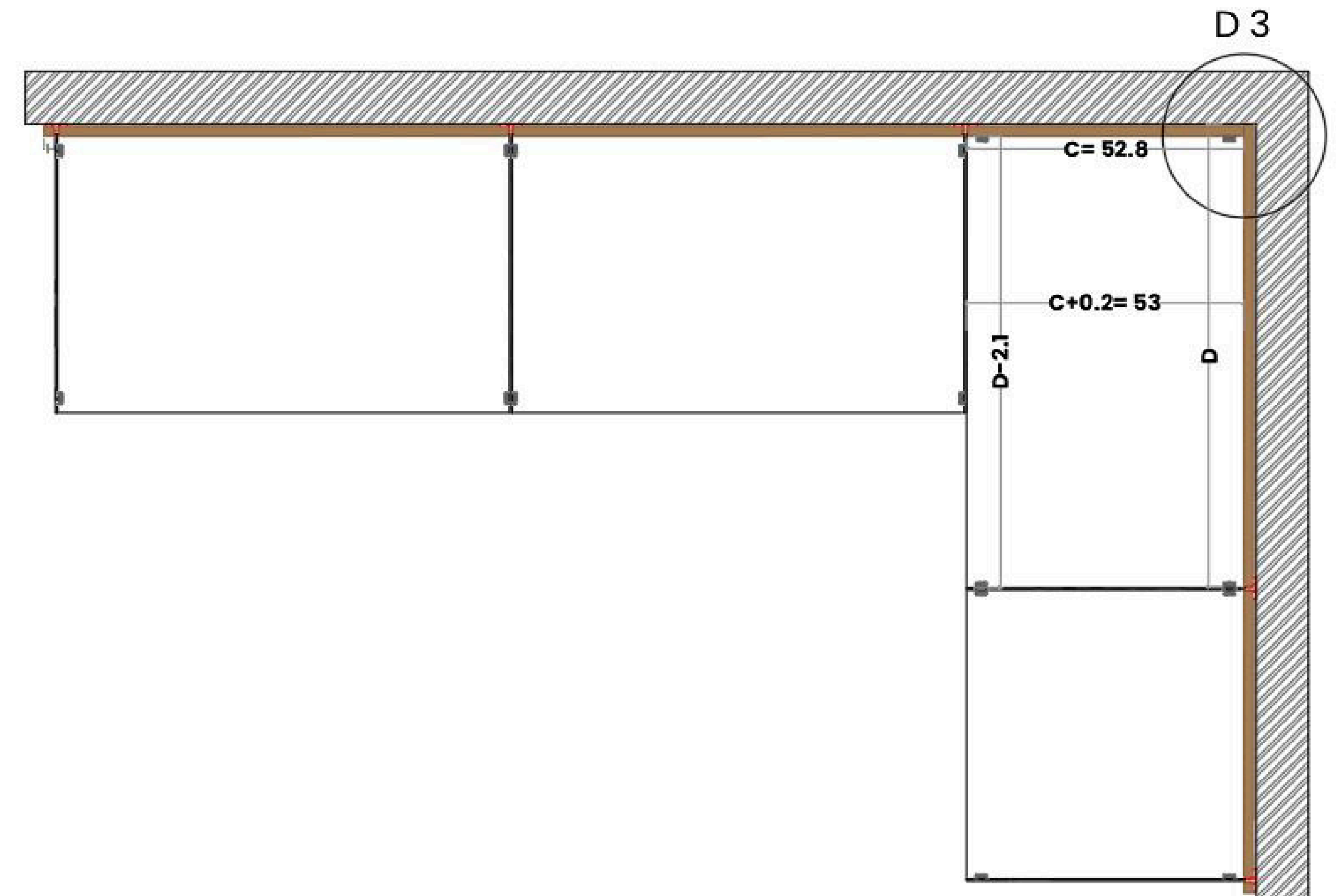
- This configuration ensures accurate alignment and a stable connection between units.



CORNER INSTALLATION

Plan View

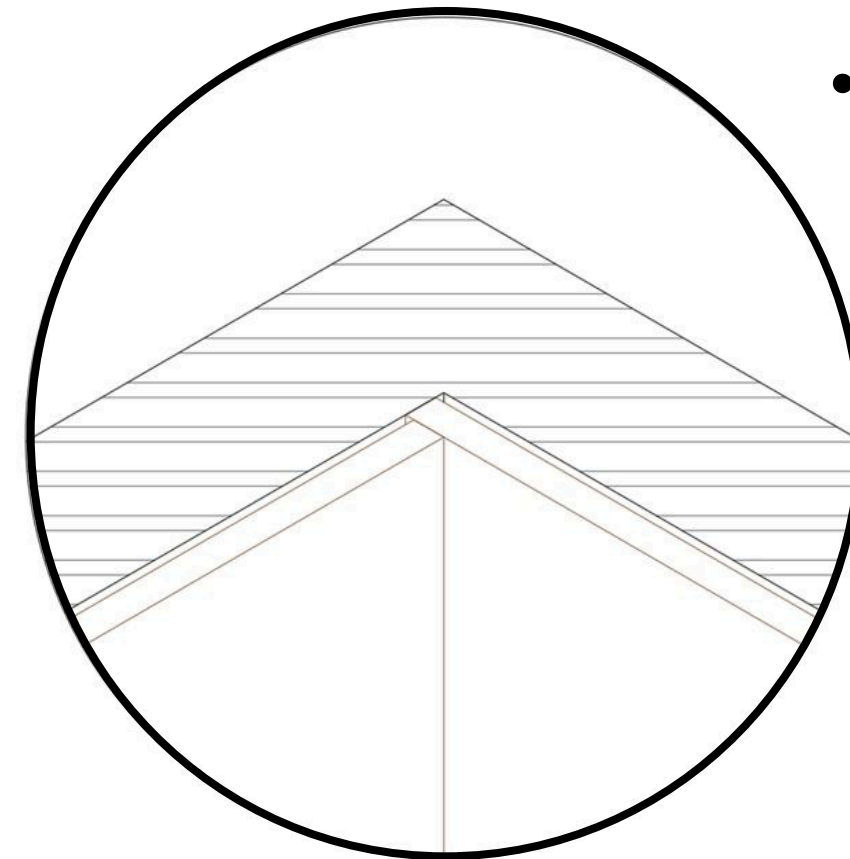
- The corner wood piece (C) is cut to 52.8 cm to fit the layout.
- The corner wood piece (D) equals the shelf length + 2.1 cm.



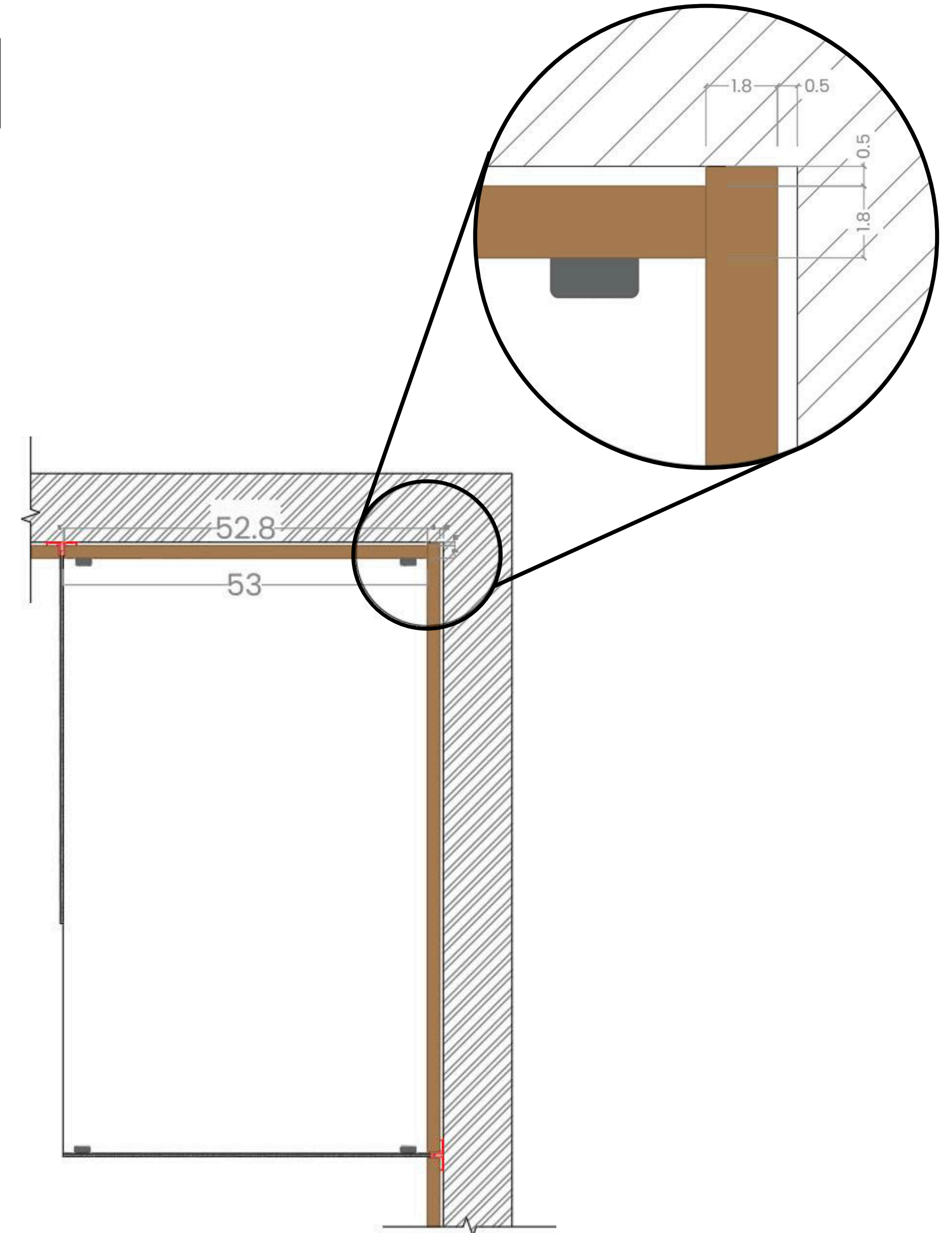
CORNER INSTALLATION

Corner Details

- In case of a corner, this view shows the correct way to fix the back wooden panels. The panels are adjusted to fit together properly at the corner, ensuring a clean and stable connection.

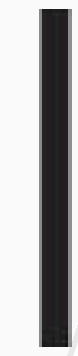


- Corner Isometric View





NATHALIUM
Elevating Spaces with Italian Precision



Closets

Nathalium .Co

Jamal Abdul Nasser Str. – Al Bahsas – Tripoli, Lebanon

Tel: 06/411790 , 06/411 791 – cell: 71/847529

www.nathalium.com – info@nathalium.com