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› Craftersmark 18" x 8" x 1.5" Floating Shelf Bracket Installation Manual

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Model: 18" x 8" x 1.5"

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installation. Failure to follow these instructions may result in property damage or personal injury. Ensure you have the correct tools and understand the installation process. If unsure, consult a qualified professional.

- Always wear appropriate safety gear, including eye protection.
- Verify wall stud locations accurately to ensure secure mounting.
- Do not exceed the maximum weight capacity of 150 lbs (68 kg) per bracket when properly installed.
- Ensure the shelf board thickness is between 2 to 3.5 inches for optimal fit with the 1.5-inch backplate.

2. PACKAGE CONTENTS

Verify all components are present before beginning installation:

- 1x Floating Shelf Bracket (18" x 8" x 1.5")
- Screws
- Anchors
- Route Bit (3/4" Diameter x 7/16" deep)
- Drilling Jig
- Auger Bit (20*300mm)
- Routing Jig

with mounting jig for easy installation

Router bit
(3/4" Diameter x 7/16" deep)



Drilling Jig



Auger bit
(20*300mm)



Routing Jig



accessories



Figure 2.1: Included components for installation.

3. PRODUCT SPECIFICATIONS

Feature	Detail
Bracket Size (L x W x H)	18 x 8 x 1.5 inches
Material	Galvanized plate, Metal
Color	Black
Mounting Type	Stud mount
Weight Capacity	Up to 150 lbs (68 kg) when correctly installed
Compatible Shelf Thickness	2 to 3.5 inches (for 1.5-inch backplate)

SIZE GUIDE

	Height	Width	Length
Bracket Size	1.5 inch	8 inch	18 inch
Minimum Shelf Size (Nominal Size)	2.5 inch	10 inch	20 inch
Minimum Shelf Size (Actual Size)	2 inch	9.25 inch	20 inch
Compatible Shelf Size Range (Nominal)	2.5-4 inch	10 - 12 inch	20 - 28 inch
Compatible Shelf Size Range (Actual)	2-3.5 inch	9.25 - 11.25 inch	20 - 28 inch

⚠ FIT CHECK: Board Thickness MUST be ≥ 2 inches (Actual)

Have a thinner board? Please switch to our **1-inch Bracket model**



*** Wooden board is NOT included**

Figure 3.1: Detailed size guide for the floating shelf bracket.

4. INSTALLATION GUIDE

This section provides step-by-step instructions for installing your Craftersmark floating shelf bracket. Ensure you have all necessary tools and safety equipment.

4.1 Prepare Your Shelf Board

The shelf board (not included) requires routing and drilling to accommodate the bracket. The backplate of this bracket is 1.5 inches, suitable for wood boards with a thickness of 2 to 3.5 inches.

- 1. Marking:** Measure and mark the desired locations for the bracket rods on the back edge of your shelf board. Use the provided routing jig to guide your marks.
- 2. Routing:** Use the provided routing jig and router bit to create a groove along the back edge of the shelf board. The depth of

this groove should be at least 2/5 inches (approximately 10mm) to fully conceal the bracket's backplate.

3. **Drilling:** Using the drilling jig and auger bit, drill holes into the shelf board at the marked locations for the bracket rods. Ensure the holes are straight and deep enough to fully insert the rods.

Your browser does not support the video tag.

Video 4.1.1: Demonstrates how to prepare your shelf board by drilling and routing for the floating shelf bracket.



Figure 4.1.1: The bracket is designed to be fully concealed within the shelf board.

4.2 Mount the Bracket to the Wall

The bracket features pre-drilled holes every inch, allowing flexibility to align with wall studs.

1. **Locate Wall Studs:** Use a stud finder to accurately locate wall studs where you intend to mount the shelf. Mark the center of each stud.
2. **Position Bracket:** Hold the bracket against the wall at the desired height. Use a level to ensure it is perfectly horizontal. Mark the screw holes that align with the wall studs. The adjustable design allows you to hit studs even if they are not perfectly spaced.

3. **Drill Pilot Holes:** Drill pilot holes at the marked locations. For drywall or plaster, use appropriate wall anchors. For wood studs, drill directly into the stud.
4. **Secure Bracket:** Attach the bracket to the wall using the provided screws. Ensure it is firmly secured and level.

Your browser does not support the video tag.

Video 4.2.1: Illustrates the process of mounting the floating shelf bracket to a wall, including stud finding and leveling.



Figure 4.2.1: The bracket features pre-drilled holes every inch for flexible stud alignment.

4.3 Final Assembly

Once the bracket is securely mounted, slide your prepared shelf board onto the bracket rods. Ensure the board is fully seated and flush against the wall.



Figure 4.3.1: Example of a fully installed floating shelf.

5. OPERATING AND WEIGHT CAPACITY

The Craftersmark floating shelf bracket is designed for heavy-duty use. When installed correctly into wall studs, it can support up to 150 lbs (68 kg).

- Distribute weight evenly across the shelf.
- Avoid placing excessively heavy items on one section of the shelf.
- Regularly check the stability of the shelf and bracket.

Heavy Duty Weight Rating

150LBS



Figure 5.1: The bracket supports up to 150 lbs when properly installed.

6. MAINTENANCE

To ensure the longevity and safety of your floating shelf:

- Periodically inspect the bracket and shelf for any signs of loosening, damage, or wear.
- Tighten screws if necessary.
- Clean the bracket with a dry cloth. Avoid abrasive cleaners that could damage the finish.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Shelf is not level	Bracket not installed level.	Remove shelf, re-level bracket using a spirit level, and re-secure.
Shelf feels unstable	Improper mounting to studs or insufficient anchors.	Verify bracket is securely fastened to wall studs. Use appropriate anchors for non-stud mounting. Reduce weight on shelf.
Shelf does not sit flush against wall	Groove in shelf board is not deep enough or not aligned.	Ensure the routed groove in the shelf board is at least 2/5 inches deep and correctly aligned with the bracket.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Craftersmark customer service directly. Keep your purchase receipt for any warranty claims.