

HÄFELE 4000934797737

Häfele Metalla SM Break 110° Soft-Close 35mm Cabinet Hinge (Corner Stop) - Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Häfele Metalla SM Break 110° Soft-Close 35mm Cabinet Hinges. These high-quality, nickel-plated steel hinges are designed for corner stop applications on wooden cabinet doors, featuring a 110-degree opening angle and an integrated soft-close mechanism for quiet and smooth operation. Please read this manual thoroughly before beginning installation to ensure correct and safe usage.

SETUP AND INSTALLATION

Package Contents:

- 2 x Häfele Metalla SM Break 110° Soft-Close Hinges
- 2 x Cross Mounting Plates
- European Screws for mounting

Recommended Tools:

- Drill with 35mm Forstner bit
- Pencil for marking
- Measuring tape or ruler
- Screwdriver (Phillips head)

Installation Steps:

1. Prepare the Cabinet Door:

Mark the drilling positions for the 35mm hinge cup on the cabinet door. The standard drilling pattern is 48mm from the top/bottom edge of the door to the center of the hinge cup, and 6mm from the door edge to the center of the hinge cup. Refer to the drilling diagram below for precise measurements.

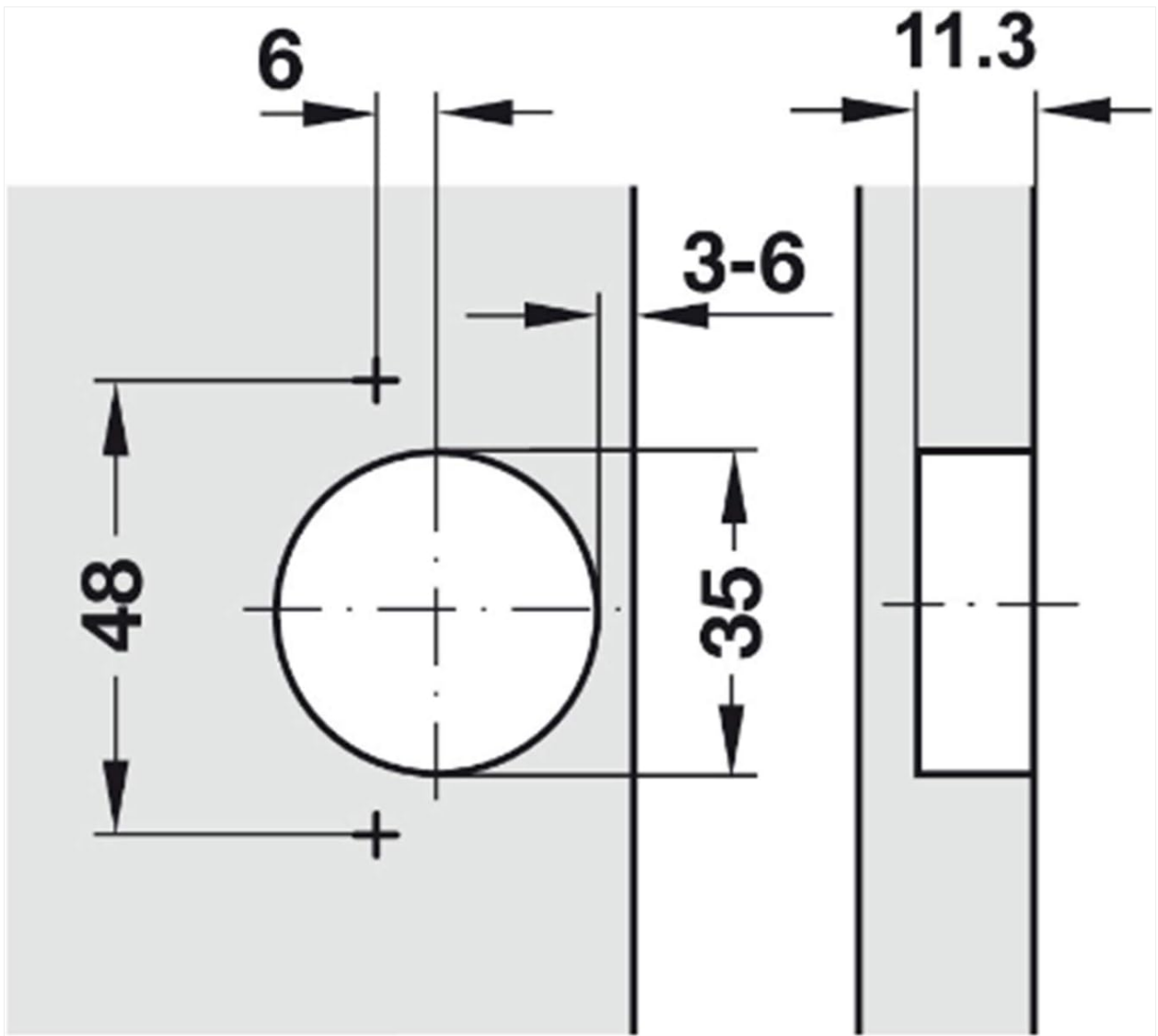


Image Description: A technical diagram illustrating the drilling pattern for the hinge cup on a cabinet door. It shows a 35mm diameter circle for the hinge cup, positioned 48mm from the door's vertical edge and 6mm from the door's horizontal edge. Additional measurements indicate a range of 3-6mm for the mounting plate position.

Using a 35mm Forstner bit, drill the hinge cup holes to the appropriate depth. Ensure not to drill through the door.

2. Attach Hinges to Door:

Insert the hinge cups into the drilled holes on the cabinet door. Secure the hinges with the provided screws.

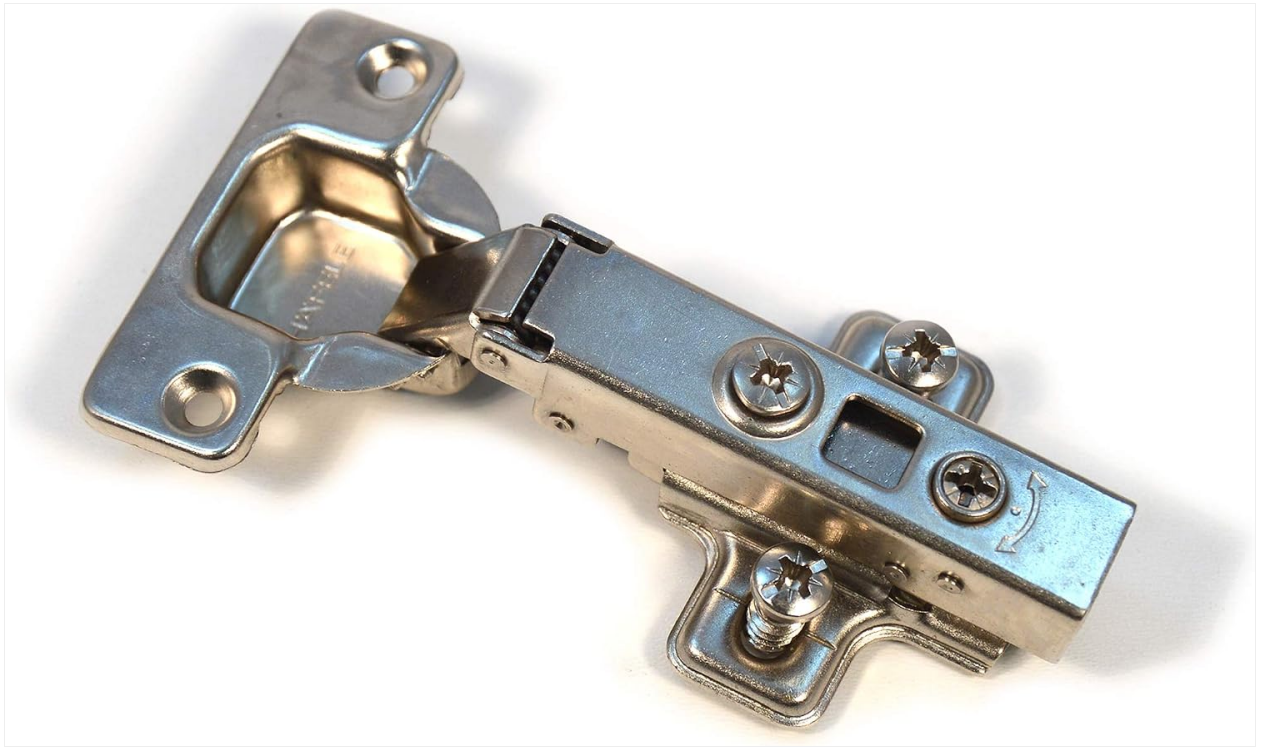


Image Description: A close-up view of the Häfele Metalla SM Break 110° soft-close hinge. The hinge is made of nickel-plated steel, showing the main body, the hinge cup, and the adjustment screws. It is presented in a closed position.

3. Install Mounting Plates on Cabinet Frame:

Position the cross mounting plates on the cabinet frame or side panel. The exact position depends on the desired door overlay and the 'E' dimension (cup distance). Refer to the diagram and table below for guidance on corner stop applications.

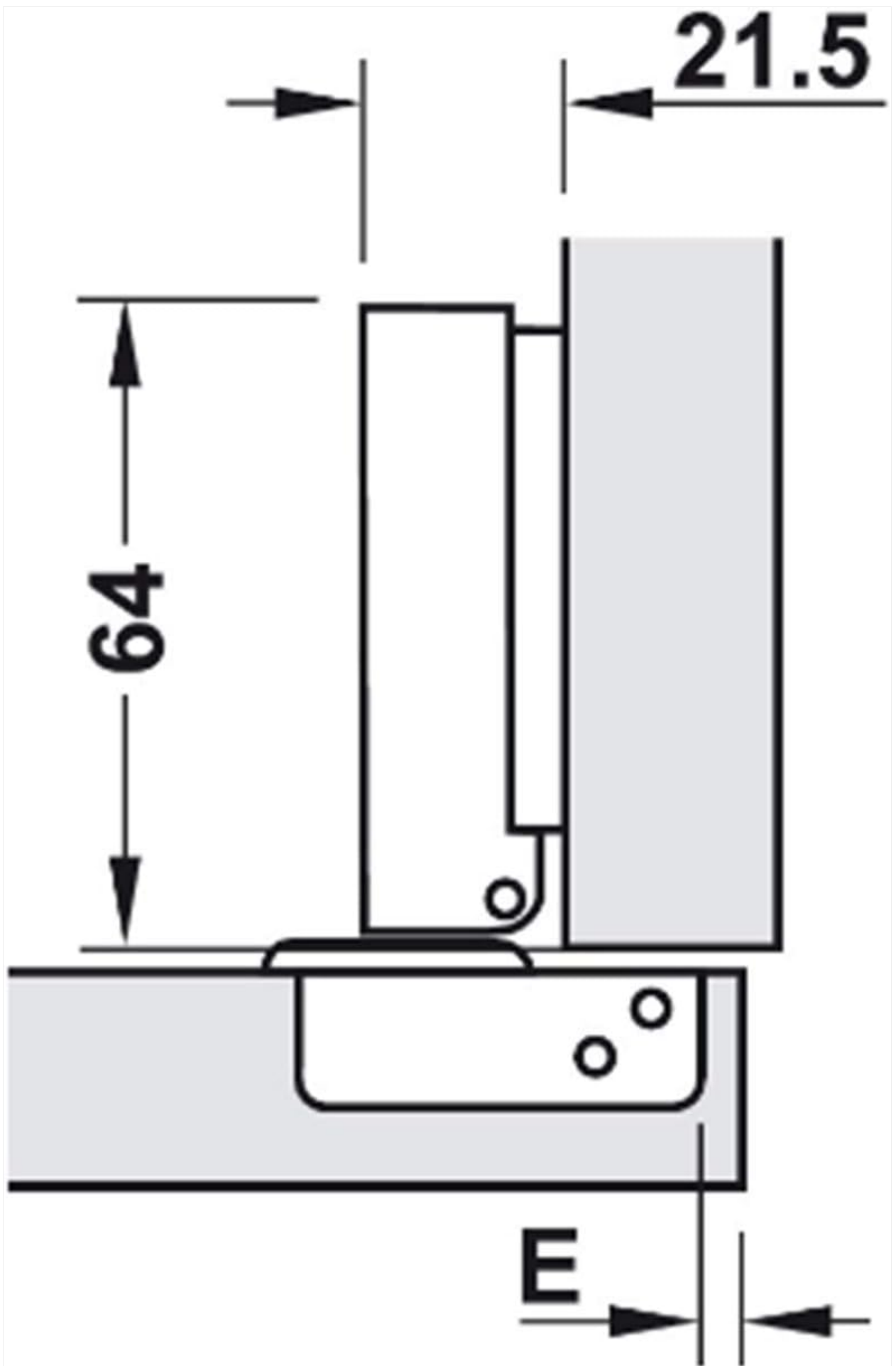
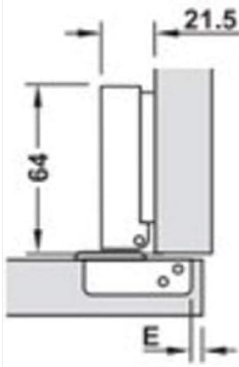


Image Description: A side-view diagram showing a cabinet door installed with a hinge in a corner stop configuration. Key dimensions are indicated: 21.5mm for the door thickness, 64mm for the hinge arm length, and 'E' for the cup distance from the cabinet edge.

→ Eckanschlag



Türaufschlag mm								
10,5	11,5	12,5	13,5	14,5	15,5	16,5	17,5	
				3	4	5	6	0
		3	4	5	6			2
3	4	5	6					4
Topfabstand E mm					Montageplatte Distanz mm			

Image Description: A table titled "Eckanschlag" (Corner Stop) providing guidance for hinge installation. It correlates "Türanschlag mm" (door overlay in mm) with "Topfabstand E mm" (cup distance E in mm) and "Montageplatte Distanz mm" (mounting plate distance in mm) to achieve specific door overlays.

Secure the mounting plates with the provided European screws.

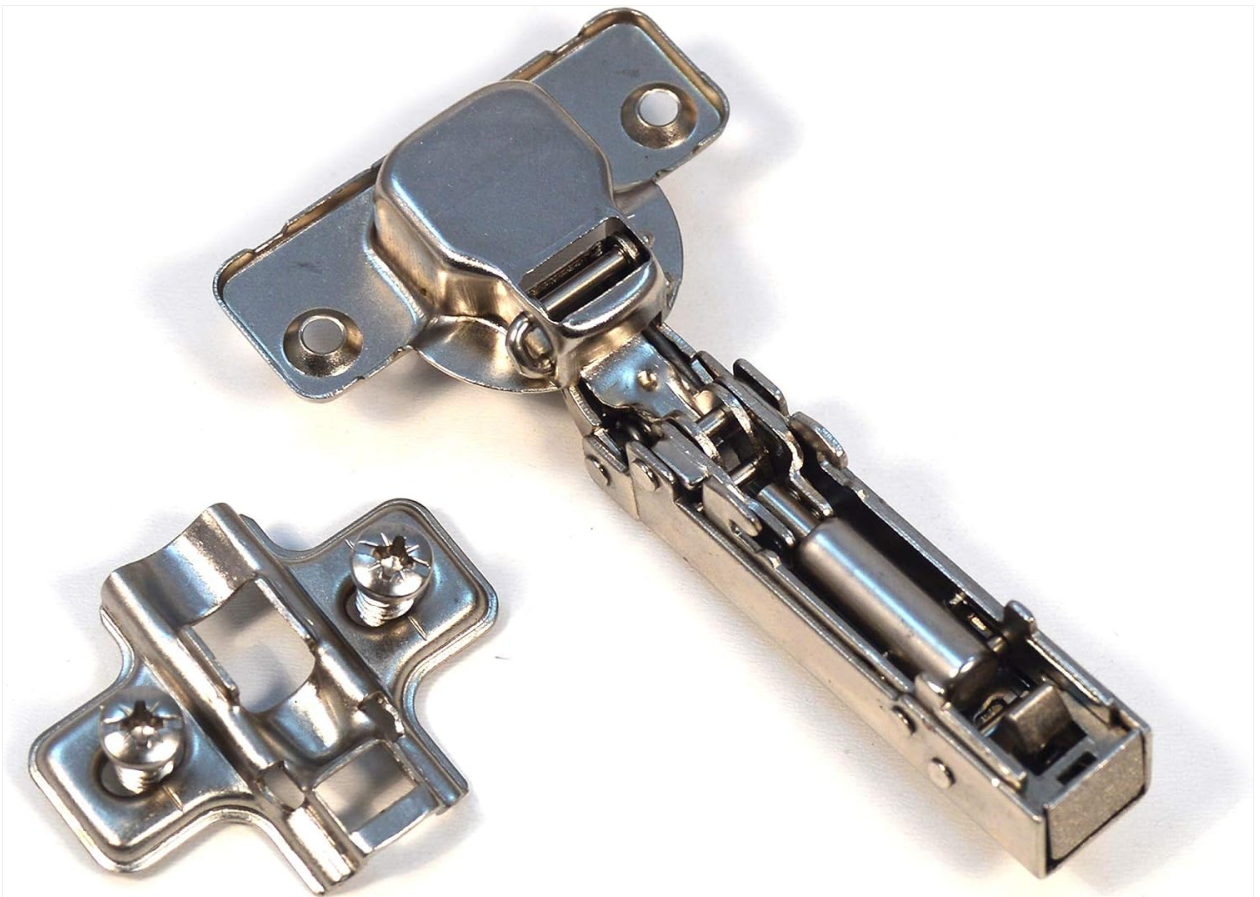


Image Description: The Häfele Metalla SM Break hinge shown with its corresponding cross mounting plate separated. This illustrates the two main components that connect the door to the cabinet frame.

4. Attach Door to Cabinet:

Align the hinges on the door with the mounting plates on the cabinet frame. The 'click system' allows for easy and quick attachment. Simply press the hinge arm onto the mounting plate until it clicks into place.



Image Description: A detailed view of the Häfele Metalla SM Break hinge, showcasing its internal mechanism and adjustment screws. This perspective highlights the engineering behind the soft-close function and the robust construction.

5. Adjust the Door:

Once the door is attached, use the adjustment screws on the hinge to achieve perfect alignment:

- **Lateral Adjustment:** Adjust the door horizontally by approximately ± 1.5 mm.
- **Height Adjustment:** Adjust the door vertically by approximately ± 2 mm (via the mounting plates).
- **Depth Adjustment:** Adjust the door's depth (how close it sits to the cabinet frame) from -1 mm to +3 mm.

Make small adjustments and check the door's alignment and closing action until satisfactory.

OPERATION

The Häfele Metalla SM Break hinges feature an integrated soft-close mechanism. When closing the cabinet door, the hinge will automatically slow down the door's movement in the final few degrees, ensuring a gentle and silent closure. This mechanism activates automatically and requires no user intervention during normal operation.

MAINTENANCE

These hinges are designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Wipe the hinges periodically with a soft, damp cloth to remove dust and grime. Avoid using abrasive cleaners or harsh chemicals, as these can damage the nickel-plated finish.
- **Lubrication:** The hinges are pre-lubricated and generally do not require additional lubrication. If any squeaking occurs after extended use, a small amount of silicone-based lubricant can be applied to the pivot points.
- **Inspection:** Periodically check all screws for tightness. If any screws are loose, gently tighten them to prevent door misalignment or hinge damage.

TROUBLESHOOTING

- **Door is not closing properly or is misaligned:**
Check the adjustment screws on each hinge. Use the lateral, height, and depth adjustment features to realign the door. Ensure all mounting screws are securely tightened.
- **Soft-close function is not working:**
Verify that the hinge is correctly installed and not obstructed. Ensure the door is not excessively heavy for the number of hinges used. If the issue persists, inspect the hinge mechanism for any visible damage.
- **Hinges are squeaking:**
Apply a small amount of silicone-based lubricant to the hinge pivot points. Ensure the hinges are clean and free from debris.

SPECIFICATIONS

Brand	HÄFELE
Model Number	4000934797737
Material	Alloy Steel
Finish	Nickel
Color	Grey
Hinge Type	35mm Cup, 110° Opening Angle
Feature	Soft-Close, Automatic Closing
Application	Corner Stop (Butée d'angle)
Number of Pieces	2 Hinges + 2 Mounting Plates
Adjustments	Lateral (±1.5 mm), Height (±2 mm), Depth (-1 to +3 mm)

WARRANTY INFORMATION

Specific warranty details for this product may vary by region and retailer. Please retain your proof of purchase. For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your purchase or contact the retailer where the product was acquired.

CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact your retailer or the official Häfele customer support for assistance. You may find contact information on the Häfele official website or on your product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question