

How to Install Half Moon Tray

Furniture Hardware Parts · furniturehardwareparts.com/installation-guides/half-moon-tray

Contents

Tools Required

- tape measure
- level
- drill
- screwdriver
- square

Hardware Required

- Half Moon Tray
- matching fasteners
- furniture panel

Key Measurements

- cabinet width
- cabinet depth
- basket width
- slide length
- load capacity
- door clearance

Related Installation Guides

- [How to Install Aluminum Kitchen Profile](#)
- [How to Install Blind Corner Organizer](#)
- [How to Install Bottle Pull Out](#)
- [How to Install Carousel Basket](#)
- [How to Install Corner Cabinet Pull Out](#)
- [How to Install Cup Rack](#)

Related Resources

- [Related Product: Half Moon Tray](#)
- [Related FAQ: Half Moon Tray](#)

Need OEM installation support?

Use this guide as a planning reference, then request support for drawings, samples, and production installation checks for Half Moon Tray.

[Request Installation Support](#)

Product Installation Overview

Half Moon Tray installation in kitchen storage uses cabinet opening dimensions, basket or tray clearance, slide alignment, load rating, and access testing in the Kitchen Cabinet Storage and Organizer Hardware cabinet.

For B2B furniture production, use this Half Moon Tray guide to standardize marking, drilling, mounting, fastening, and final inspection before the hardware is approved for cabinet, panel, or furniture assembly.

Important installation note:

This is only a simple installation tutorial. Specific adjustments should be made according to the actual furniture, panel material, and hardware specifications.

Product

Half Moon Tray

Category

Kitchen Cabinet Storage and Organizer Hardware

Installation profile

Kitchen Storage Pull-Out Installation

Priority

78

Industry Data

Use these installation signals to prepare tools, verify measurements, and avoid common alignment or fastening mistakes before production use.

- **Tools to prepare:** tape measure, level, drill, screwdriver and square Prepare these before drilling or fastening the hardware.
- **Measurement checks:** cabinet width, cabinet depth, basket width and slide length Confirm these measurements against the panel, door, drawer, or frame before installation.
- **Hardware and supplies:** Half Moon Tray, matching fasteners and furniture panel Check compatibility with the actual furniture material and order specification.
- **Step sequence:** Measure cabinet internal width, Mark slide frame fixing positions, Install the pull-out frame or basket slides, Attach baskets and Align the front panel if applicable Follow the sequence so alignment errors are caught before final tightening.

Half Moon Tray

Detailed Half Moon Tray Installation Tutorial

Before You Start

Before installing Half Moon Tray, dry-fit Half Moon Tray on the furniture part and confirm the cabinet width reference. Mark from one clean datum edge, not from a damaged corner, so repeated pieces land in the same position. Measure cabinet opening, basket width, runner height, hinge clearance, and expected kitchen storage load.

Installation Method

During the Half Moon Tray work, use tape measure first, then drill or fasten gradually. Keep the hardware square to the panel, leave adjustment screws loose until alignment is checked, and compare the result with the Kitchen Storage Pull-Out Installation profile requirements. Install runners parallel and keep screw heads clear of moving baskets or trays.

Final Check

After Half Moon Tray is mounted, operate, pull, load, or lock the part in the same direction a user will use it. Recheck gaps, screw seating, clearance, and surface damage before approving the Half Moon Tray installation for production. Load the storage unit and pull through full travel to check side clearance and stop points.

Visual Step-by-Step Installation Guide

Step 1 of 6: Measure cabinet internal width, depth, and height

Kitchen Storage Pull-Out Installation diagram for Half Moon Tray, synchronized with the six installation steps and showing base cabinet, slide frame, basket/tray, front bracket, screw holes, pull-out travel arrows.

Step by Step Installation Instructions

1. 1

Measure cabinet internal width, depth, and height For Half Moon Tray, mark basket, tray, runner, and door-clearance lines inside the kitchen cabinet. Use tape measure for this operation and keep "cabinet width" as the main measurement check. Keep Half Moon Tray in position without fully forcing it until the alignment is verified. Before moving to the next step, confirm the reference line is visible, repeatable, and matches the product title and drawing requirement.

2. 2

Mark slide frame fixing positions For Half Moon Tray, pre-drill runner or bracket holes while checking hinge arms and plumbing clearances. Use level for this operation and keep "cabinet depth" as the main measurement check. Keep matching fasteners in position without fully forcing it until the alignment is verified. Before moving to the next step, confirm the hole, cutout, or

prepared surface is clean and does not break through the finished face.

3. 3

Install the pull-out frame or basket slides For Half Moon Tray, place the storage hardware square in the cabinet opening before tightening runner screws. Use drill for this operation and keep "basket width" as the main measurement check. Keep furniture panel in position without fully forcing it until the alignment is verified. Before moving to the next step, confirm the hardware sits flush against the panel without rocking or twisting.

4. 4

Attach baskets, trays, or front brackets For Half Moon Tray, fasten runners parallel so baskets or trays do not twist under load. Use screwdriver for this operation and keep "slide length" as the main measurement check. Keep Half Moon Tray in position without fully forcing it until the alignment is verified. Before moving to the next step, confirm fasteners are seated firmly without stripping, crushing, or shifting the hardware.

5. 5

Align the front panel if applicable For Half Moon Tray, adjust front alignment, stop points, and side clearance before loading. Use square for this operation and keep "load capacity" as the main measurement check. Keep matching fasteners in position without fully forcing it until the alignment is verified. Before moving to the next step, confirm the gap, reveal, height, and working clearance are even from the front and side.

6. 6

Test full travel and soft-close movement For Half Moon Tray, pull the storage unit through full travel with realistic kitchen load. Use tape measure for this operation and keep "door clearance" as the main measurement check. Keep furniture panel in position without fully forcing it until the alignment is verified. Before moving to the next step, confirm movement, holding strength, and safety are acceptable before production approval.

Common Installation Mistakes

- Mounting Half Moon Tray without checking basket width and door hinge clearance.
- Installing runners out of parallel.
- Ignoring loaded pull-out movement.
- Leaving screws where moving storage parts can contact them.

Safety and Installation Warnings

- Confirm plumbing
- hinges

- and doors do not interfere with pull-out travel.
- Wear eye protection and confirm all measurements before drilling.

Adjustment or Testing Notes

- Pull Half Moon Tray through full travel with expected load.
- Check side clearance and door clearance.
- Confirm soft-close or stop points work consistently.

Installation FAQ

What tools are needed to install Half Moon Tray?

Typical tools include tape measure, level, drill, screwdriver, square. For production work, add jigs, depth stops, or templates when repeatable positioning is required.

What measurements should be checked before installing Half Moon Tray?

Check cabinet width, cabinet depth, basket width, slide length, load capacity before drilling or fastening. Confirm dimensions against the product drawing and panel thickness.

Can Half Moon Tray be installed in MDF or plywood furniture?

Most furniture hardware can be installed in MDF, plywood, particle board, or solid wood when the pilot hole, screw length, load rating, and tightening torque match the material.

What is the most common installation mistake for Half Moon Tray?

Mounting Half Moon Tray without checking basket width and door hinge clearance.

Can Half Moon Tray be ordered for bulk furniture production?

Yes. Use the guide to define installation drawings, samples, tooling, and inspection standards before bulk furniture hardware production.