

How to Install Cam Lock

Furniture Hardware Parts · furniturehardwareparts.com/installation-guides/cam-lock

Contents

Tools Required

- tape measure
- pencil
- drill
- hole saw or bit set
- screwdriver
- wrench

Hardware Required

- Cam Lock
- strike plate or cam
- mounting screws

Key Measurements

- mounting hole size
- door thickness
- cam length
- backset
- locking direction

Related Installation Guides

- [How to Install Cabinet Deadbolt Lock](#)
- [How to Install Cabinet Lock](#)
- [How to Install Central Locking System](#)
- [How to Install Child Safety Cabinet Lock](#)
- [How to Install Cylinder Lock](#)
- [How to Install Desk Lock](#)

Related Resources

- [Related Product: Cam Lock](#)
- [Related FAQ: Cam Lock](#)

Need OEM installation support?

Use this guide as a planning reference, then request support for drawings, samples, and production installation checks for Cam Lock.

[Request Installation Support](#)

Product Installation Overview

Cam Lock installation depends on lock body position, cylinder hole size, cam or strike plate alignment, door gap, and locking engagement within the Furniture Locks and Cabinet Security Hardware assembly.

For B2B furniture production, use this Cam Lock 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

Cam Lock

Category

Furniture Locks and Cabinet Security Hardware

Installation profile

Furniture Lock Installation

Priority

80

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, pencil, drill, hole saw or bit set and screwdriver Prepare these before drilling or fastening the hardware.
- **Measurement checks:** mounting hole size, door thickness, cam length and backset Confirm these measurements against the panel, door, drawer, or frame before installation.
- **Hardware and supplies:** Cam Lock, strike plate or cam and mounting screws Check compatibility with the actual furniture material and order specification.
- **Step sequence:** Mark the lock body or cylinder position, Drill the mounting hole and any screw pilot holes, Insert the lock body and secure the face or nut, Attach the cam and Close the door or drawer and test locking engagement Follow the sequence so

alignment errors are caught before final tightening.

Cam Lock

Detailed Cam Lock Installation Tutorial

Before You Start

Before installing Cam Lock, dry-fit Cam Lock on the furniture part and confirm the mounting hole size reference. Mark from one clean datum edge, not from a damaged corner, so repeated pieces land in the same position. Check door thickness, backset, cylinder hole size, cam swing, and strike plate position before cutting.

Installation Method

During the Cam Lock 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 Furniture Lock Installation profile requirements. Keep the lock body square and align the cam or bolt with the receiver before tightening.

Final Check

After Cam Lock 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 Cam Lock installation for production. Turn the key through several cycles and verify the door or drawer stays secure without rattle.

Visual Step-by-Step Installation Guide

Step 1 of 6: Mark the lock body or cylinder position

Furniture Lock Installation diagram for Cam Lock, synchronized with the six installation steps and showing cabinet door/drawer front, lock body, cylinder hole, cam, strike plate, locking rotation arrow, key.

Step by Step Installation Instructions

- 1

Mark the lock body or cylinder position For Cam Lock, mark the cylinder, lock body, cam swing, and strike line from the door or drawer face. Use tape measure for this operation and keep "mounting hole size" as the main measurement check. Keep Cam Lock 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

Drill the mounting hole and any screw pilot holes For Cam Lock, drill the cylinder or body opening cleanly and protect the finished face from chipping. Use pencil for this operation and keep "door thickness" as the main measurement check. Keep strike plate or cam 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

Insert the lock body and secure the face or nut For Cam Lock, seat the lock body and position the cam, bolt, or strike plate before full tightening. Use drill for this operation and keep "cam length" as the main measurement check. Keep mounting screws 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 the cam, rod, or strike plate For Cam Lock, tighten the lock nut or screws while keeping the key slot and cam direction aligned. Use hole saw or bit set for this operation and keep "backset" as the main measurement check. Keep Cam Lock 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

Close the door or drawer and test locking engagement For Cam Lock, adjust the strike or cam overlap so the panel closes without rattle. Use screwdriver for this operation and keep "locking direction" as the main measurement check. Keep strike plate or cam 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

Adjust cam direction or strike position for smooth locking For Cam Lock, turn the key through repeated lock and unlock cycles under normal door pressure. Use wrench for this operation and keep "mounting hole size" as the main measurement check. Keep mounting screws 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

- Drilling the Cam Lock cylinder hole before checking cam swing.
- Mounting the strike plate too far from the lock body.
- Ignoring door thickness or backset.
- Testing the key before the lock nut or screws are secure.

Safety and Installation Warnings

- Check door thickness and cam swing clearance before drilling.
- Wear eye protection and confirm all measurements before drilling.

Adjustment or Testing Notes

- Turn Cam Lock through locked and unlocked positions several times.
- Check that the cam or bolt clears adjacent parts.
- Confirm the door or drawer does not rattle when locked.

Installation FAQ

What tools are needed to install Cam Lock?

Typical tools include tape measure, pencil, drill, hole saw or bit set, screwdriver. For production work, add jigs, depth stops, or templates when repeatable positioning is required.

What measurements should be checked before installing Cam Lock?

Check mounting hole size, door thickness, cam length, backset, locking direction before drilling or fastening. Confirm dimensions against the product drawing and panel thickness.

Can Cam Lock 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 Cam Lock?

Drilling the Cam Lock cylinder hole before checking cam swing.

Can Cam Lock be ordered for bulk furniture production?

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