

Concealed Hinge

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CABINET HINGES AND FURNITURE HINGES

Concealed Hinge is a concealed cabinet hinge that attaches inside the cabinet so no hardware shows on the door face, giving adjustable, repeatable door alignment in volume furniture production. It is available for OEM bulk supply with samples, datasheets, and installation drawings on request.

■ Bulk Order Ready ✓ ISO 9001:2015 ☒ OEM/ODM Available [▶ Installation Guide](#)

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Overview

Concealed Hinge is a concealed cabinet hinge that attaches inside the cabinet so no hardware shows on the door face, giving adjustable, repeatable door alignment in volume furniture production. This page summarizes how to specify it for volume furniture and cabinet manufacturing, including the dimensions and options that matter most to buyers.

Industry Data

Use these product signals to compare fit, specification risk, and sourcing options before requesting samples or bulk pricing.

- **Cup Diameter:** 35 mm Confirm the exact value on the order datasheet before production.
- **Cup Depth:** 12 mm Confirm the exact value on the order datasheet before production.
- **Opening Angle:** 95 deg Confirm the exact value on the order datasheet before production.
- **Overlay / Crank:** Blind corner Confirm the exact value on the order datasheet before production.
- **Door Thickness:** 16-22 mm Confirm the exact value on the order datasheet before production.
- **Material options:** Stainless Steel, Carbon Steel, Zinc Alloy, Aluminum and Brass Choose material by strength, corrosion exposure, and target price.
- **Finish options:** Zinc Plated, Champagne Bronze, Satin Nickel, Flat Black and Pewter Confirm finish samples when color matching matters.
- **Application fit:** Kitchen Cabinets, Bathroom Vanities, Wardrobe Cabinets and Custom Cabinets Match the product to the furniture use case, not only to the part name.

Concealed Hinge

Key Specifications

Cup Diameter	35 mm
Cup Depth	12 mm
Opening Angle	95 deg
Overlay / Crank	Blind corner
Door Thickness	16-22 mm
Mounting Pattern	45/9.5 mm cup screw pattern
Closing Function	Free swing

Specifications are configurable for OEM/ODM orders. Exact values are confirmed on the datasheet for your order.

How to Choose

- Cup diameter (35mm is the furniture-industry standard; 26mm for thin doors)
- Cup depth and the required boring pattern
- Opening angle (95°–110° for most doors, wide-angle for blind corners)
- Overlay type: full overlay, half overlay, or inset
- Face-frame vs frameless (European) cabinet construction
- Door thickness and material
- Soft-close or self-closing requirement
- Mounting plate type and clip-on vs screw-on attachment

Material Options

Cold-rolled steel arms with nickel plating are standard for value, while stainless steel suits humid kitchens and bathrooms. Cup and arm gauge drive the cycle life and sag resistance.

- [Stainless Steel Concealed Hinge](#)
- [Carbon Steel Concealed Hinge](#)
- [Zinc Alloy Concealed Hinge](#)
- [Aluminum Concealed Hinge](#)
- [Brass Concealed Hinge](#)
- [Copper Concealed Hinge](#)

Finish Options

Hinges are usually nickel-plated and hidden inside the cabinet, so finish is about corrosion resistance rather than appearance. Specify a heavier plating or stainless steel for high-humidity programs.

- [Zinc Plated Concealed Hinge](#)
- [Champagne Bronze Concealed Hinge](#)
- [Satin Nickel Concealed Hinge](#)
- [Flat Black Concealed Hinge](#)
- [Pewter Concealed Hinge](#)
- [Chrome Concealed Hinge](#)
- [Aged Brass Concealed Hinge](#)
- [Anodized Aluminum Concealed Hinge](#)

Application Fit

[Kitchen Cabinets](#)

For this application, concealed hinge is specified for daily use, soft-close motion, moisture resistance, and fast, repeatable installation on the line.

[Bathroom Vanities](#)

For this application, concealed hinge is specified for humidity and corrosion resistance, compact drawers, and easy maintenance.

[Wardrobe Cabinets](#)

For this application, concealed hinge is specified for quiet operation, smooth movement, and space-saving storage.

[Custom Cabinets](#)

For this application, concealed hinge is specified for the typical load, environment, and usage of this application.

[Wall Cabinets](#)

For this application, concealed hinge is specified for the typical load, environment, and usage of this application.

[Base Cabinets](#)

For this application, concealed hinge is specified for the typical load, environment, and usage of this application.

Recommended for These Applications

- [Concealed Hinge for Kitchen Cabinets](#)

Installation Notes

Bore the 35mm cup, screw the hinge boss to the door, fix the mounting plate to the cabinet side at the correct height, then clip the arm to the plate. Use the three adjustment screws to align overlay, height, and depth.

📺 Animated Installation Guide

Step-by-step SVG diagrams for installing Concealed Hinge on a production line.

Open the installation guide →

Buying Notes for OEM Orders

For OEM cabinet lines, lock the cup size, opening angle, overlay, and soft-close type, then standardize the mounting plate height across the range to keep boring patterns consistent.

Comparisons

- [Soft Close Hinges vs Self Closing Hinges](#)
- [Frameless Cabinet Hinges vs Face Frame Hinges](#)
- [Inset vs Overlay Cabinet Hinges](#)
- [Full Overlay vs Half Overlay Hinges](#)

Related Questions

These questions are pulled into the product page as visible Q&A content, not only as plain FAQ links.

What is Cabinet Hinges and Furniture Hinges?

Cabinet Hinges and Furniture Hinges is a concealed cabinet hinge mounted inside the cabinet so nothing shows on the door face. It gives adjustable, repeatable door alignment and is specified by cup size, opening angle, and overlay type.

[Read the full Cabinet Hinge FAQ →](#)

What is Soft Close Hinge?

Soft Close Hinge is a concealed cabinet hinge mounted inside the cabinet so nothing shows on the door face. It gives adjustable, repeatable door alignment and is specified by cup size, opening angle, and overlay type.

[Read the full Soft Close Hinge FAQ →](#)

What is 35mm Cup Hinge?

35mm Cup Hinge is a concealed cabinet hinge mounted inside the cabinet so nothing shows on the door face. It gives adjustable, repeatable door alignment and is specified by cup size, opening angle, and overlay type.

[Read the full 35mm Cup Hinge FAQ →](#)

What is Concealed Hinge?

Concealed Hinge is a concealed cabinet hinge mounted inside the cabinet so nothing shows on the door face. It gives adjustable, repeatable door alignment and is specified by cup size, opening angle, and overlay type.

[Read the full Concealed Cabinet Hinge FAQ →](#)

What is Inset Hinge?

Inset Hinge is a concealed cabinet hinge mounted inside the cabinet so nothing shows on the door face. It gives adjustable, repeatable door alignment and is specified by cup size, opening angle, and overlay type.

[Read the full Inset Cabinet Hinge FAQ →](#)

What is Overlay Hinge?

Overlay Hinge is a concealed cabinet hinge mounted inside the cabinet so nothing shows on the door face. It gives adjustable, repeatable door alignment and is specified by cup size, opening angle, and overlay type.

[Read the full Overlay Cabinet Hinge FAQ →](#)

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Tell us your project requirement. Our engineers reply within one business day with bulk pricing, datasheets, and installation drawings.