

Forstner Drill Bit for Woodworking

This Forstner drill bit is designed for creating clean, flat-bottomed holes in wood. It is suitable for drill presses, pistol drills, bench drills, and vertical drilling machines.



ADDITIONAL IMAGES



Overview

Professional Woodworking Forstner Bit

This professional-grade Forstner drill bit is engineered for creating clean, flat-bottomed holes in various materials including wood, plastic, and plywood. Featuring a YG8 alloy steel cutting head and a high-speed carbon steel shank, it ensures smooth cutting with minimal resistance and no tremor. Specifically designed for concealed hinge installation, it includes a depth limit feature to provide consistent and precise results for furniture and cabinetry projects.

Technical Specifications

Key Performance Metrics

35 mm

Drilling Diameter

12 mm

Depth Limit

10 mm

Max Chuck Size

Material & Construction



Constructed with robust YG8 alloy steel for durability in wood and plastic applications.



Detailed view of the carbon steel shank and YG8 alloy tip designed for steady, high-precision drilling.

Material Composition

Component	Material Type	Properties
Drill Bit Tip	YG8 Alloy Steel	Sharp, wear-resistant, smooth cutting
Shank Body	Carbon Steel	Ground finish, steady operation, no tremble

Application & Compatibility

Supported Machinery

- Drill Press
- Pistol Drill
- Bench Drill
- Vertical Drilling Machine

Compatible Materials

Wood, Plastic, Plywood, Wood Products

Design Features



The integrated 12mm depth limit is specifically designed for perfect concealed hinge installation.



The depth limit function solves the problem of uncontrolled drilling depth common in standard bits.

Specialized Design Features

- Depth limit function for precise hinge recesses
- Round shank with concentricity precision
- Center spur for accurate positioning
- Chip-easy design to prevent clogging

Installation Guide



Step-by-step guide for using the Forstner bit to install concealed hinges successfully.

Concealed Hinge Installation Process

- 1. Select the correct placement on the board
- 2. Drill the hole using the depth limit guide
- 3. Load the concealed hinge into the hole for a flush fit
- 4. Tighten the screws to secure the hardware