

90-Degree Countersink Bit

This 90-degree countersink bit is designed for deburring, chamfering, and countersinking holes in materials like steel, aluminum, plastic, and wood. It features a precision-ground cutting edge for clean performance and is suitable for drill presses, lathes, and CNC machines.



ADDITIONAL IMAGES



Overview

High-Performance 90-Degree Countersink

This precision-engineered countersink bit is designed for universal application across steel, aluminum, plastic, and wood. Featuring three distinct convex cutting edges and extremely unequal spacing, it ensures a low-vibration, chatter-free process for clean hole finishing. The advanced geometry significantly reduces axial and radial forces, making it an efficient choice for manual and CNC machining operations.

Performance Metrics

Force Reduction Metrics

50 %

Axial Force Reduction

25 %

Radial Force Reduction

Technical Features

Cutting Geometry

- 3 different convex cutting edges
- Extremely unequal spacing for vibration dampening
- Precision-ground cutting edges
- Low-vibration cutting process

Standards

DIN

Countersink Angle

90 °

Material

High-Speed Steel (HSS)

Application

Machinery Compatibility

- Drill presses
- Lathes
- CNC machines

Compatible Materials

Steel, Aluminum, Plastic, Wood

Set Specifications

Available Sizes (6-Piece Set)

Diameter (mm)

6.3

8.3

10.4

12.4

16.5

20.5

Packaging

Durable storage case for organization and protection