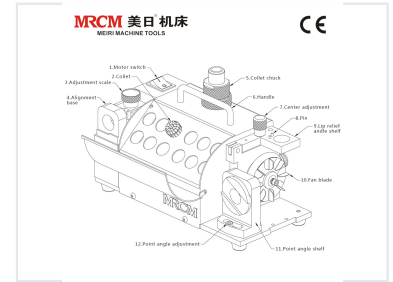


# 3-13mm Electric Drill Bit Sharpener

This electric drill bit sharpener accurately and rapidly grinds drill bits, with easy operation requiring no special skills. It features a diamond grinding wheel for precise angle creation and long service life.



## ADDITIONAL IMAGES



## Overview

Sharpen drill bits in just 10 seconds with a simplified automatic tool setting process.

### Professional 3-13mm Drill Bit Sharpener

This portable electric grinder is designed for rapid and accurate sharpening of HSS and carbide twist drill bits ranging from 3mm to 13mm. Featuring a high-performance DC motor and a diamond grinding wheel, it allows even unskilled operators to achieve professional results in as little as 10 seconds. Its compact design makes it an ideal cost-saving solution for small workshops, maintenance departments, and industrial settings.

## Key Performance Metrics

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**4400 RPM**  
Rotation Speed

**120 W**  
Motor Power

**10 sec**  
Sharpening Time

## Technical Specifications



The grinding wheel is easily replaceable using a standard small wrench.



Standard high-toughness diamond grinding wheel offers exceptional wear resistance and precision.

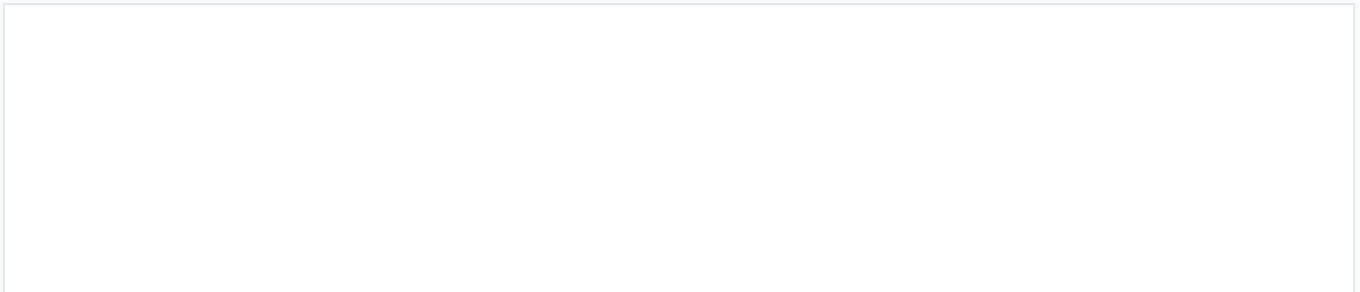
### Technical Data

Parameter	Specification
Model	13A
Grinding Range	D3 - Drift
Point Angle	100° (90°) ~ 135°
Power Supply	AC 220V
Grinding Wheel Material	CBN or SDC
Dimensions	310 x 170 x 180 mm
Net Weight	10 kg

### Supported Drill Diameters

3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm

## Standard Accessories

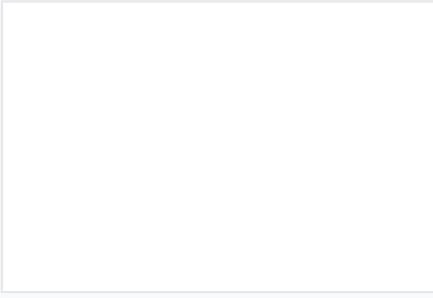


Complete set of 11 ER collets, chuck set, and diamond wheel included.

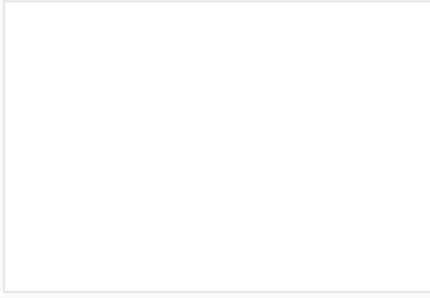
### Included in Package

- ER High Elastic Collets (11 pieces: 3mm to 13mm)
- Diamond Grinding Wheel (1 piece)
- 13-Type 2-Blade Chuck Set (1 piece)
- Allen Wrench (1 piece)
- User Guide

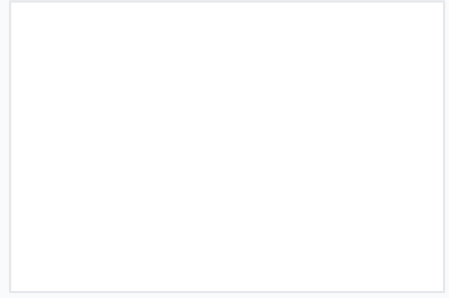
## Operational Features



Detailed view of the motor switch, collet chuck, and adjustment scales for precise tip and escape angle grinding.



High efficiency adjustment: set the scale pointer according to the drill's outer diameter for clear, step-by-step operation.



The grinding seat supports 180-degree rotation for completing the point angle grind in one step.

### Key Features

- Simplified automatic tool setting (drill + collet + chuck)
- Adjustable point angle and lip relief angle
- Central point size adjustment to coordinate with material and speed
- Built-in fan blade for cooling during the grinding process
- One-piece grinding group for fast, precise results
- Portable body with handle for easy transport

### Certifications

CE Certified