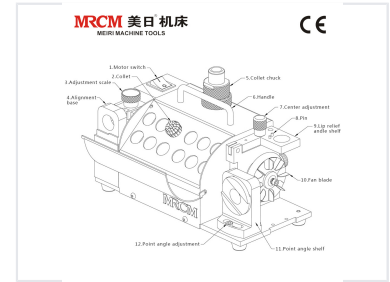


3-13mm Electric Drill Bit Sharpener

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

Key Performance Metrics

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.

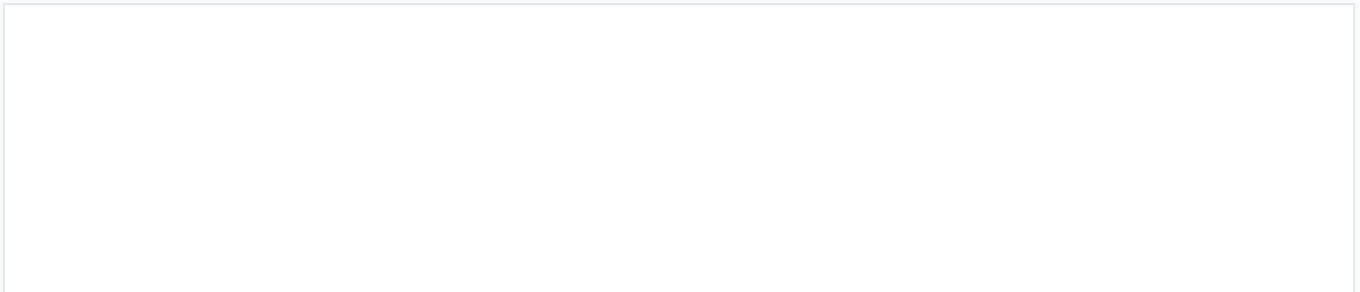
Technical Data

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

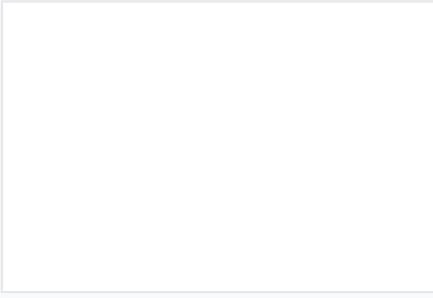


Complete set of 11 ER collets, chuck set, and diamond wheel included.

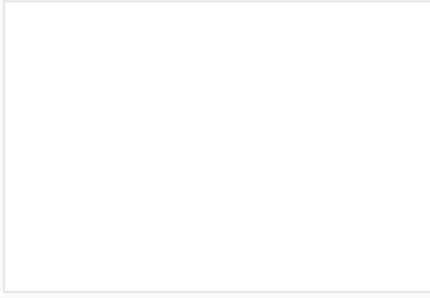
Included in Package

- 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

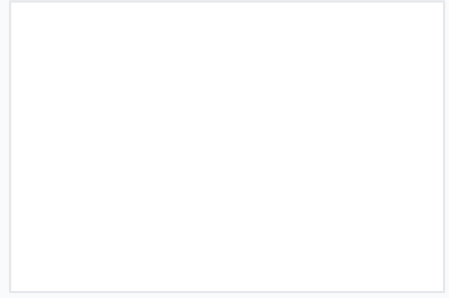
Operational Features



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