

# EY-32A

## Precision Drill Sharpener

# Precision Drill



Quickly sharpen front edge angles, clearance angles, slice drills, and still center point.



Specifications	EY-32A	EY-32B
Grinding Range	Ø3-Ø32mm	Ø3-Ø32mm
Front Edge Angle	40°-180°	40°-180°
Back Rake Angle	0°-18°	0°-18°
Grinding Wheel Motor	1/2HP	1/2HP
Grinding Wheel Rotational Speed	4300RPM	4300RPM
Cooling System Motor		1/8HP
Net Weight/ Gross Weight	154kg/197kg	216kg/283kg
Packing Dimensions	82 x 78 x 147cm	102 x 92 x 164cm

Specialized for Step Drill



Step Drill

Optional Accessories



CBN Grinding Wheel Disk-type for Step Drill  
Ø100\*8T\*31.75mm

Optional Accessories



No. 8 cam Specialized for Step Drill

{ Manual lubrication system for slideway and ball screw. }

**EY-32A · EY-32B Sharpening examples**



Rod chaged into Multi-step Drill



Spiral Drill



Center Drill



Chamfering Tools (1, 3 Flutes)



Tap(4 Flutes)



End Mill(2.34 Flutes)



No. 1 cam



No. 2 cam

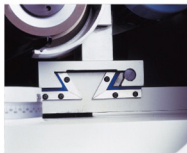


No. 3 cam



No. 4 cam

▲ Standard Accessories for EY-32A and EY-32B: No. 1 cam, No. 2 cam, No. 3 cam, No. 4 cam



▲ The accurate ball screws and slide of forced lubrication device are well ground and splined treatment.

▲ All models are equipped with scraper.

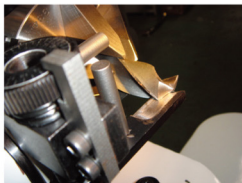
◀ All models are equipped with ball screws and forced lubrication device

## Break through in technology of drill sharpener to achieve a faster and more precise process



▲ Cam Device

This machine is equipped with 4 cams (No.1-No.4), it can be used in grinding the drill bit, end mill, chamfering tool, tap, and center drill by simply changing the cam only.



▲ Drill Positioning Device

To grind the drill of different diameter, you can adjust the scale according to the Diameter, place any cutting edge parallel to the positioning device, and start the Process. This method applies to any other cutters as well.



◀ An innovation of sharpening drills with upward-downward vibration. Use a chuck to clamp the drill, only shake the grip, and the drill will rotate, sway back and forth, and the working tip will oscillate up and down, three actions proceed simultaneously. Changing angles automatically to sharpen the front edge angle, debris angle and skive the drill and center point, all actions can be finished in one process. It displays a high efficiency and high precision performance.



◀ Drill Bit Diameter Adjusting Button. Making adjustment depends on the diameter of drill bit.

◀ Adjusting button for rear bevel angle of drill

An adjusting button for rear bevel angle of drill can control the shape size of the rear bevel angle. When more sharp edge is required, turn the button to higher scale figure, so you will get Whatever you desired.