

ZB32

Brierley Cutter Grinder

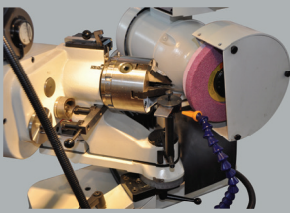
The ZB-32A offers an easy way to achieve drill point accuracy.
The one machine which grinds conventional and many specialized drill points.
Set up in a few seconds.

All specifications, dimensions and design characteristics are subject to change without notice.

FEATURES

- Optional Air bearing has a hard chromed spindle for long life, standard 5C collets.
- The tooth rest finger is easily adjustable by turning a knurled knob on either end of the tooth rest bracket.
- "Clearance angle collar" marks angular setting easy-swivels universally for radial relief sharpening.
- Optional Air bearing fixture is precision honed and capable of grinding to tight tolerances.
- Tools sharpened on an air bearing fixture cut smoother, the spindle floats on friction "finger sensitive" control for sharpening end mills as small as 2mm, sharpens all over-periphery, end teeth, notches, flute faces.
- Air bearing fixture is easily mounted to ZB-32A grinder.
- Cutting tool capacity - Ø42mm shank, 250mm flute length.

MODEL	ZB-32A
Drill Size	Ø1.5~Ø32mm
Point Angle	40°~180°
Clearance Angle	0°~18°
Work head Tilting Angle	0°~20°
Brake Motor	0.38kw (0.5hp)
Grinding Wheels	Ø180x20xØ31.75mm
Dish Wheels	Ø165x21xØ31.75mm
Net Weight	120kg
Dimensions	820x790x1370mm



GRIND EXAMPLES



- Straight Flute And Spiral Flute Taps Can Be Chamfer Ground (3,B4,B5,B6,B7 And 8 Flute)
- Step Drill, Made From Ordinary Twist Drill, With Radially Reliably Relieved Pilot
- Point Grinding And Web Thinning With One Time Set Up
- Multi-step Spade Drill, Made From Ground Stock, With Pre-machined Faces And Steps, All Diameters With Lands And Relief Ground
- Counter Sink And Counter Bore Drills (1,3 Flute)
- Core Drills And Reamers Can Be Chamfer Ground
- Split Point Self-centering And Breaks Up Chips For Deep Hole Drilling
- End Mill End Relief 2,B3,B4 and 6 Flutes End Mill With Primary And Secondary Relief And Gash Grinding
- 2,B3,B4 Flute Counter Bore Drills
- Four-facet Point

STANDARD ACCESSORIES

- 6 Jaw Self-Centering Chuck
- Grinding Wheel (recessed one side)
- "Dish" Grinding Wheel for Point Thinning
- Grinding Wheel Flange and Balancing Weights
- Two Grinding Wheel Diamond Dressers (one side dresser and one straight)
- No 1,2,3,4 Morse Taper Sleeve
- Cam No.4 for Point Angle (40° -180°)
- Cam No.6 for Step Drill
- Cam No.8 for 4 Flute Taps or Reamers Core Drill
- A.C. Brake Motor for Safety & Fast Drills Interchange
- Service/Instruction Manual
- Work Light
- Stand

OPTIONAL



The radial relief attachment is especially designed for quick and accurate grinding of body reliefs of end mills as well as cutters and drills.

OPTIONAL ACCESSORIES

- Flood Coolant System. (Increases wheel life and prevents burning of drill.)
- Diamond Wheels for Carbide Drills.
- C.B.N. Wheels (one side chamfer) for Point Grinding & Point Splitting.
- Wheel Balancer & Arbor
- Cam for Sheet Metal Point Drills
- Extra Grinding Wheel Flange for Cup Wheel.
- Cup Grinding Wheel
- Cam for Left Hand Drills
- Cam for Sheet Metal Point Drills
- Radial Relief Attachment

ALSO AVAILABLE WITH MOTORISED HEAD