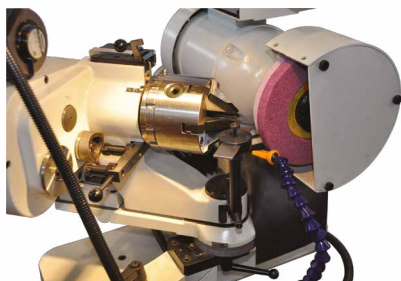




Brierley Cutter Grinder

Brierley

The ZB-32 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.



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.



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 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

Drill Size	Ø3~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
X Stroke	150mm
Y Stroke	140mm
Net Weight	120kg
Dimensions	820x790x1370mm

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.

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.