

Precision Drill Bit Sharpeners



DAREX - The world's leading industrial drill sharpeners for industry, offer a range of the highest quality machines for sharpening drills, endmills & countersinks. The outstanding design and construction, offer a precise, fast solution to drill bit sharpening, helping to lower your tool costs, & make those tough jobs run smoothly.

V391

Sharpens Common Point Styles With Ease

Accurately sharpen your most common drills in under a minute. The Darex V391 incorporates some of the same technology used in the more advanced machines and is the perfect choice for workshops that need a high quality sharpener. Its simple, intuitive design gives everyone access to sharp drills when you need them.

Features

- Vacuum port and grit tray
- Easily adjustable split depth and split angle
- Adjustable point splitting
- Adjustable point relief

Specifications

- Drill Capacity 3mm - 19mm
- Custom Point Angles 118° - 140°
- Standard and Split Point styles
- Borazon Grinding Wheel
- 240v 1/4hp Motor
- Size: 300mm x 280mm x 230mm , 11kg



| Part Number | Description |
|-------------|--|
| V391 | Darex Precision Drill Sharpener, 3 - 19mm Capacity |

E-90i

Makes Difficult End-Mill Sharpening Simple

Easily sharpen long flute end mills. The easy-pull handle allows precise control of the air-bearing spindle. You can pull and rotate the spindle the full length of the end mill without the necessity of re-positioning your hand. Increase your production. A sharp end mill will allow maximum machining rates as well as generating less heat in the process. Fewer burrs will be created, reducing the time necessary for finishing processes.

Specifications

- Sharpens 2,3,4,& 6 flute HSS End Mills / Slot Drills
- Grinding capacity: 1.5mm-52mm (1/16"-2")
- Maximum flute length: 156mm (6")
- 240v, 3.2amp, 1/4hp Motor, 50hz, 3450rpm
- Resin bonded CBN wheel
- Bonded diamond wheel for carbide cutters optional



| Part Number | Description |
|-------------|--|
| E-90i | Darex Precision Drill Sharpener, 3 - 19mm Capacity |
| DAPP08624GF | Diamond Wheel For Carbide Cutters t/s E-90i |
| DAPP08626GF | CBN Wheel for HSS Cutters t/s E-90i |

XT3000i

Creates A Wide Variety of Point Styles With Precision

The Darex XT3000i sharpens a wide variety of sizes and styles of drills with ease and accuracy. This heavy duty machine is capable of sharpening all day, everyday. Attachments can be interchanged in seconds and all adjustments can be made quickly without tools. The expandability of this unit to create a variety of drill profiles makes it a valuable addition to any tool-room.


Features

- 2 wheels in machine - a sharpening wheel and a point split wheel
- Adjustable split depth and split angle
- Adjustable point splitting
- Adjustable point relief
- Vacuum port and grit tray

Specifications

- Sharpens standard, and split point HSS & Cobalt drills with a point angle of 118°-150°
- Sharpens drill sizes 3-21mm (1/8"-13/16") dia.
- Emerson ¼ hp Motor - 3450 rpm
- Weight - 27kg



| Part Number | Description |
|--------------------|--|
| XT3000i | Darex Precision Drill Sharpener, 3 - 21mm Capacity |
| ATTACHMENTS | |
| LEX050 | 21-30mm (13/16" - 1-3/16") Drill Attachment. 3 pieces include: sharpening fixture, alignment fixture & chuck.  |
| LEX100 | Radial X - Y Table offers precise positioning of cutting tools. Must be used with either the countersink, step drill or sheet metal point attachments.  |
| LEX150 | Single Flute & Weldon CounterSink Attachment includes: sharpening fixture & 2 collets (1/4" & 1/2"), Weldon & single flute countersinks. 3 Flute Countersink Cam optional.  |
| LEX200 | Brad Point Attachment 2 piece attachment includes: sharpening fixture & chuck 3mm - 12mm. *21mm optional chuck available.  |
| LEX250 | Step Drill Attachment 3 piece attachment includes: Chuck (3mm - 12mm), sharpening & alignment fixture. Max pilot size 12mm (1/2"). Max 21mm w/optional chuck available  |
| LEX300 | 90° Point Angle Attachment 2 piece attachment includes sharpening fixture & chuck 3mm - 12mm. 12mm - 21mm with optional chuck available.  |
| LEX350 | Miniature Drill Sharpening Attachment 2 piece attachment includes drill chuck & CBN Sharpening Wheel. 1.27 - 7mm Capacity.  |
| LEX400i | Automatic Drill Bit Sharpening Attachment. This attachment is easy to use, simply insert the chuck and press start. 3-12mm Drill Bit Capacity  |
| LEX451i | Automatic Drill Bit Sharpening Attachment. As per LEX400i with larger diameter capabilities. 12-21mm Drill Bit Capacity.  |