

# Drill Bit Sharpeners



## DRILL BIT SHARPENERS

A Powerful motor for smooth operation and Diamond grinding wheel providing long life & constant geometry without the need for wheel dressing. Suitable for sharpening High Speed Steel, Masonry, Tin Coated, Carbide, Cobalt, Split Point & Parabolic twist drills.

### Easy to Use

Sharpen Drill bits almost as easily as you sharpen pencils

### Versatile

Re-sharpen standard, carbide, high speed steel, masonry, split point, cobalt, TiN coated and parabolic twist drill bits

### Convenient

Sharpen drill bits in the home, shop, garage or job site

### Fast

Sharpening a dull worn drill bit to precision sharpness takes less than a minute



Part No.	DD360X	DD500X	DD750X
Capacity	2.5mm - 13mm (1/2")	2.5mm - 13mm (1/2")	2.5mm - 19mm(3/4")
Sharpening Angle	Standard 118°	118° or 135°	Variable 118° - 140°
Extra Features	Suitable For DIY use	Creates & Restores Split Point Bits Adjustable Relief Angle	Creates & Restores Split Point Bits Adjustable Material Takeoff Adjustable Relief Angle Supplied in Moulded Carry Case

The Features of the DD500X / DD750X enable sharpening and modification of drill bits for special applications. Decreasing the Relief Angle is ideal for harder materials, masonry drills etc. Increasing the Relief Angle will provide a more aggressive cut. Adjusting the sharpening angle enables drill bits to be custom sharpened to suit different materials and applications. The Split Point Function is for restoring or creating self centering split point drill bits.

## PARTS & ACCESSORIES

Part No.	Description
<b>TO SUIT PREVIOUS MODELS</b>	
DDSA01328GA	100 Grit Diamond Wheel suit DD300, DD400, DD500A & DD750A
DDSA01326GA	180 Grit Diamond Wheel suit DD300, DD400, DD500A & DD750A
DDSA01504PA	13mm Chuck to suit DD300, DD400, DD500A & DD750A
DDDA40170PF	19mm Chuck to suit DD300, DD400, DD500A & DD750A
DDSA1506PA	13mm Left Hand Chuck to suit DD500A & DD750A
<b>TO SUIT "X" MODELS</b>	
DDDA31325GF	100 Grit Diamond Wheel to suit DD500X & DD750X
DDDA31320GF	180 Grit Diamond Wheel to suit DD500X & DD750X
DDSA02100PA	13mm Chuck to suit DD500X & DD750X
DDDA70100PF	19mm Chuck to suit DD500X & DD750X
DDDA02105PF	13mm Left Hand Chuck to suit DD500X & DD750X



# 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 shops that need a sharpener for intermittent use. Its simple, intuitive design gives everyone access to sharp drills when you need them.



Part No.	V391
<b>Specifications</b>	
• 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	
<b>Features</b>	
• Vacuum port and grit tray	
• Easily adjustable split depth and split angle	
• Adjustable point splitting	
• Adjustable point relief	

## 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 without tools.



Part No.	XT3000i
<b>Specifications</b>	
• 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	
<b>Features</b>	
• 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	

## XT3000i ATTACHMENTS

Part No.	Description
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 the countersink, step drill & 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.

# Precision Drill Bit Sharpeners

**E-90i** Makes Difficult End-Mill Sharpening Simple

## DAREX

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.



Part No.	E-90i
<b>Specifications</b>	
• 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 included	
• Bonded diamond wheel for carbide cutters optional	
<b>Accessories</b>	
DAPP08624GF	Diamond Wheel For Carbide Cutters t/s E-90i
DAPP08626GF	CBN Wheel for HSS Cutters t/s E-90i

**KEF DRILL BIT SHARPENERS**



Highest quality Danish drill sharpeners designed to give economical, consistent results over a large range of drill diameters with easy and simple operation



KEF-PSD5

Part No.	KEF-6NE	KEF-PSD5
Drill Bit Capacity	5-30mm	5-60mm
Point Angle	116° - 118°	116° - 118°
Relief Angle	6° - 8°	6° - 8°
Motor	480W	1100W
Voltage	240V 1PH	415V 3PH
Weight	25kg	70kg
Features	Single sided grinding attachment	Supplied on a pedestal with table & water Cup 2 Sided Grinding Attachment

# Tool Sharpeners



“Work Sharp” from the makers of Drill Doctor, is an innovative grinding & sharpening system for sharpening Chisels, Plane Blades, Scrapers, Axes and much more with speed & precision. Work Sharp offers 3 easy ways to grind and sharpen: The Chisel and plane iron port, freehand on top for larger flat blade tools, and the Edge-Vision port, which allows you to see the cutting edge of carving tools, lathe tools and more as you sharpen or grind. The 2 sided grinding wheel allows you to quickly and easily switch between coarse and fine abrasive discs. 4 Patents Pending. 2 Year Warranty.

## WS2000 *DESIGNED FOR THE HOBBYIST*



Part No.	WS2000
• 25° Fixed Port Sharpening Angle	
• 1-5/8" Maximum Sharpening Port	
• Wheel Speed 1750RPM	
• Dry Cooling System - routed airflow & heatsink system keeps tools cool	
• Diamond Plated Sharpening port increases burr removal & speeds sharpening	
• Adjustable Top Tool Rest	
• Bench Mounting Tabs	
<b>Includes:</b>	
- Work Sharp 2000 Unit	
- Edge Vision Slotted Wheel	
- Top Tool Rest	
- Abrasive kit inc. 120 & 320Grit slotted & adhesive backed abrasives	

## WS3000 *DESIGNED FOR PROFESSIONALS & FINE WOODWORKERS*



Part No.	WS3000
• 20°, 25°, 30°, 35° Port Sharpening Angles	
• 2" Maximum Sharpening Port	
• Wheel Speed 580RPM	
• Creates Micro Bevels	
• Dry Cooling System - routed airflow & heatsink system keeps tools cool	
• Ceramic Sharpening port increases burr removal and speeds sharpening	
• Adjustable Top Tool Rest	
• Bench Mounting Tabs	
• Cast-Aluminium & Steel Construction	
<b>Includes:</b>	
- Work Sharp 3000 Unit	
- Edge Vision Slotted Wheel + 2 Tempered Glass Wheels	
- Top Tool Rest	
- Premium Abrasive kit including 120, 400, 1000 Grit adhesive backed abrasives, Micro-Mesh 3600 Cushioned Honing Abrasive, Crepe Stick, Additional Slotted Abrasives	

## WORKSHARP ACCESSORIES

Part No.	Description
WSSA0002024	WS2000 Replacement Slotted Wheel
WSSA0002174	WS2000 Replacement Abrasive Kit Including Solid: 1 x P80; Slotted: 4 x P80, 4 x P220
WSSA0002001	WS3000 Leather Hone With Honing Compound
WSSA0002023	WS3000 Replacement Glass Wheel
WSSA0002029	WS3000 Replacement Slotted Wheel
WSSA0002002	WS3000 Slotted Abrasive Kit Including 1 x P80, 2 x P400, 2 x P1200, 1 x Micro-Mesh
WSSA0002044	WS3000 Micro-Mesh Abrasive Kit Including 1 x 3600 Micro-Mesh, 1 x 6000 Micro-Mesh
WSSA0002005	Coarse Abrasive Kit Including 2 x P80, 2 x P120, 3 x P220, 2 x P400 2"Square
WSSA0002043	Fine Abrasive Kit Including 4 x P400, 6 x P1000, 2 x P400 2"Square
WSSA0002020	WS3000 Wide Blade Attachment, sharpens blades up to 3" wide

