

DRILL DOCTOR 500X

Overview

The Drill Doctor Drill Bit Sharpener offers 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 & Parabolic twist drills.

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

Description

The Drill Doctor 500X model is designed for the tradesman requiring a versatile sharpener for every day use. The 500X has the durability and the flexibility required to sharpen the largest range and most popular sizes of dull or broken bits, including split points and masonry bits.

Features

- Variable Alignment - Lets you adjust chisel & relief angle
- Patented Chuck Design - Front loading chuck holds 2.5mm - 13mm (3/32" to 1/2") drill bits for precision geometry; makes small bits easy to align
- E-Z Alignment System - Fast, easy and assures precise sharpening alignment, even of small bits
- Patented dual-cam sharpening system - Professionally sharpen your bits with a few easy turns
- User replaceable diamond sharpening wheel - Wheel is easy to replace after several hundred sharpenings
- Point Angle 118° or 135°
- Adjustable Relief Angle
- Adjustable Material Removal
- Supplied in Moulded Carry Case
- 3 Year Warranty



SHARPENING BITS WITH DRILL DOCTOR IS AS EASY AS 1 2 3



1. Insert Drill Bit
Insert the drill bit into the chuck jaws & tighten the chuck just to the point where the bit can only just slide in and out.



2. Align Drill Bit
While holding the alignment button down, insert the chuck and slide the drill bit forward until it touches the drill stop. Tighten the chuck firmly.



3. Sharpen!
Insert the chuck into the sharpening port and rotate one half turn in a clockwise direction repeatedly until the drill bit is sharp.

Part No.	Drill Bit Capacity	Point Angle	Voltage
DD500X	2.5mm - 13mm (3/32" to 1/2")	118° or 135°	240V 1PH