

Drill Doctor DD750X Drill Bit Sharpener

Product Datasheet | Drill Doctor | Professional Electric Drill Bit Sharpener (750X)

Overview

The top-of-the-line 750X sharpens drill bits from 3/32" to 3/4" using a front-loading chuck. It handles standard twist, split-point, masonry, carbide, cobalt, high-speed steel, black oxide and TiN-coated bits. Point angles can be set anywhere from 115 to 140 degrees, and an adjustable material take-off lets the user grind lightly on slightly dull bits or deeply on damaged ones. It can also create back-cut split points on standard bits. The tool is built for professional use with a cast aluminum point angle shuttle.

Specifications

Model	DD750X (Drill Doctor 750X)
Bit capacity	3/32" to 3/4" (English, metric and letter-gauge bits)
Point angle range	115 to 140 degrees, any angle in between
Point styles	Conventional, split point, masonry
Bit materials	High-speed steel, cobalt, carbide, black oxide, TiN-coated, masonry
Sharpening wheel	Diamond, hand-removable and user-replaceable (180 grit standard; 100 grit coarse available)
Motor	Permanent magnet, consistent power regardless of speed or load
Motor speed	15,000 RPM (per KBC Tools listing)
Electrical	120 V (listed as 110 V, 1.75 A, 106.5 W by one distributor); 6 ft power cord
Construction	Cast aluminum point angle shuttle; metal split-point port; longer chuck jaws with jaw guides
Warranty	3 years

Key Features

- Variable alignment: adjust chisel and relief angles.
- Adjustable material take-off: extends bit life on small or precision bits and handles broken bits.
- "Push to Stop" split-point port prevents over-splitting the bit point.
- One chuck covers all sizes from 3/32" to 3/4".
- Cool-running design so bits don't lose their temper during sharpening.

What's Included

(1) 750X drill bit sharpener, (1) 3/4" chuck, (1) 180 grit diamond sharpening wheel, (1) 750X user guide, (1) carrying/storage case or bag, (1) wheel hub wrench.

User Replacement Parts

Part No.	Description
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DA02100PF	1/2" chuck assembly
DA70100PF	3/4" chuck assembly
DA31320GF	Standard diamond sharpening wheel (180 grit)
DA31325GF	Coarse diamond sharpening wheel (100 grit)
PP70220TF	DD750X point angle knob
PP02342CF	Quick-release wheel retainer

Compiled from drilldoctor.com, the DD750X user manual, and retailer listings (KBC Tools, Fleet Farm, Parkrose Hardware, Sharpening Supplies). This is not an official manufacturer datasheet; confirm all specifications with current Drill Doctor documentation.