

Screw Extractors Cont.

Type 421-AG Screw, Stud and Pipe Extractors

The square shape of these extractors give the tools the ability to remove broken bolts, screws and pipes with minimum deformation of the broken part. To remove the broken threaded part: drill a hole in the end of the broken part, insert extractor and turn counter clockwise using a wrench on the exposed end of the extractor. The broken part should unscrew without damage to the threads. These forged extractors will not chew up or expand the object being removed.



Part No.	Drill Size	Material	Screw Diameter
0312173	5/32"	Carbon Steel	3/16" - 9/32"
0312174	3/16"	Carbon Steel	9/32" - 11/32"
0312175	1/4"	Carbon Steel	11/32" - 1/2"
0312176	5/16"	Carbon Steel	1/2" - 3/4"
0312177	3/8"	Carbon Steel	5/8" - 7/8"
0312178	1/2"	Carbon Steel	7/8" - 1"
0312179	9/16"	Carbon Steel	1" - 1-1/4"
0312180	5/8"	Carbon Steel	1-1/8" - 1-1/2"
0312181	11/16"	Carbon Steel	1-1/2" - 1-3/4"

Screw Extractor Sets

Sets



Part No.	Contents	Brand
0312170	5 Piece Screw Extractor Set	Norseman
0356992	Screw Extractors	Chicago-Latrobe
0356993	Screw Extractors	Chicago-Latrobe
0356994	Screw Extractors	Chicago-Latrobe
0356995	Screw Extractors	Chicago-Latrobe
3165545	Ex-1,2,3,4,5,6 and Pouch	FMT Standard
3165546	(5) Drills, (5) Bolt Extractors	FMT Standard
53490	(5) Drills, (5) Bolt Extractors	Norseman
7007278	#1, #2, #3, #4, #5, Plastic Pouch	Chicago-Latrobe
7007279	#1, #2, #3, #4, #5, #6, Plastic Pouch	Chicago-Latrobe
7007309	12 Pieces; 6 Jobber Drills and 6 Screw Extractors	Chicago-Latrobe
7012745	#1, #2, #3, #4, #5, Plastic Pouch	Cle-Line

Tool Sharpeners

Drill Doctor DD350X

The DD350X is ideal for the home workshop. It provides the homeowner, weekend craftsman, or hobbyist with the sharpening power needed to restore dull bits power needed to restore dull bits from 3/32" to 1/2" in diameter to factory spec. The new DD350X adds simplicity, stability and accuracy for the end-user.



Specifications

- Sharpens twist bit diameters from 3/32" up to 1/2".
- Sharpens TiN-coated, high-speed steel, and Cobalt bits.
- V-Block chuck jaws prevent twisting on small bits.
- On-chuck alignment for simplified sharpening process.
- Easy-change standard 180 grit diamond sharpening wheel.
- Course 100 grit diamond sharpening wheel available separately; item #0323461.

Part No.	Capacity	Model No.	Amps	Voltage	Speed	Horsepower	Weight
0323460	3/32" - 1/2"	03679	1.75	110	2000 rpm	1/7	1.8 lb

Drill Doctor DD500X

The DD500X shop model is designed for durability and has the flexibility required to sharpen the most popular sizes of dull or broken bits-including split points and masonry bits. Increase capacity with optional 3/4" chuck accessory.



Specifications

- Sharpens twist bit diameters from 3/32" up to 1/2".
- Sharpens TiN-coated, high-speed steel, Cobalt, and carbide bits.
- Variable point angle from 115 to 140 degrees.
- Creates self-centering split points.
- Variable alignment of chisel points and relief angles.
- Adjustable material take-off.
- Easy-change standard 180 grit diamond sharpening wheel.
- Packaged in rigid plastic storage case.
- 3/4" chuck available separately; item #0323463.
- Course 100 grit diamond sharpening wheel available separately; item #0323461.
- Reverse-twist (left-hand) chuck available separately; item #0323465.

Part No.	Capacity	Model No.	Amps	Voltage	Speed	Horsepower	Type	Weight
0323464	3/32" - 1/2"	03681	1.75	110	2000 rpm	1/7	Drill Bit Sharpener	2.9 lb

Drill Doctor DD750X

3/32 - 1/2 Chuck
1/2 - 3/4 Chuck
The DD750X shop model is designed for durability and has the flexibility required to sharpen the largest range of dull or broken bits-including split points and masonry bits. The DD750X also adds increased capacity, sharpening 3/32" to 3/4" bits.



Specifications

- Sharpens twist bit diameters from 3/32" up to 3/4".
- Sharpens TiN-coated, high-speed steel, Cobalt, and carbide bits.
- Variable point angle from 115 to 140 degrees.
- Creates self-centering split points.
- Variable alignment of chisel points and relief angles.
- Adjustable material take-off.
- Easy-change standard 180 grit diamond sharpening wheel.
- Packaged in rigid plastic storage case.
- Course 100 grit diamond sharpening wheel available separately; item #0323465.
- Reverse-twist (left-hand) chuck available separately; item #0323465.

Part No.	Capacity	Model No.	Amps	Voltage	Speed	Horsepower	Type	Weight
0302056	3/32" - 3/4", 2.5mm - 19.0mm	03682	1.75	110	2000 rpm	1/7	Drill Bit Sharpener	2.9 lb

CUTTING TOOLS & METALWORKING



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