



INDUSTRIAL-GRADE DAMAGED BOLT REMOVAL

Superior Removal By Design™



#### Alden 4507P Micro Grabit® Broken Bolt Extractor 4 Piece Kit

Quickly and easily removes most damaged screws such as Hex, Phillips, Torx, and Square Drive; Bolts No. 4-10 (5mm) and 1/4" dia. from wood, plastic or metal. Two-step, screw and bolt extractor in one tool, extracts broken bolts and screws fast; use in variable speed reversible drill. Precision engineered for multiple extractions and maximum performance. The self centering drill tip prevents wondering and walking, so it works on jagged or uneven rough breaks. While the serrated extracting end of the tools results in greater torque for those hard to remove bolts and screws, No grinding or center punching required. Drills up to Grade 8 and 10.9 class fasteners.

- Two-step drill bit and extractor in one tool. Multiple tools not required.
- Self centering drill tip; no walking or wandering.
- Works on jagged uneven rough breaks.
- No grinding, center punching, or pilot hole required.
- Tempered twice for extra hardness. Results in multiple extractions per tool.
- Made from M2 HSS. Highest quality steel used and made in the USA.

#### Alden 4017P Drill-Out® Broken Bolt Extractor 4 Piece Kit

Drill Out®, 4 Piece, Power Extractor Set, Consists Of 1/4"-6MM, 5/16"-8MM, 3/8"-10MM & 1/2"-12MM, In A Black Case In Blister Pack, Drill & Extractor In One Tool, Self-Centering Drill Tip, No Walking Or Wandering.

- Bell-shaped drill head allows tool to be pivoted inside drill hole helping to stay on center. No pilot hole required.
- Self centering drill tip; no walking or wandering.
- Works on jagged uneven rough breaks.
- No grinding, center punching, or pilot hole required.
- Tempered twice for extra hardness. Results in multiple extractions per tool.
- Made from M2 HSS. Highest quality steel used and made in the USA.





### Alden 7017P Drill-Out® Broken Bolt & Screw Extractor 7 Piece Kit

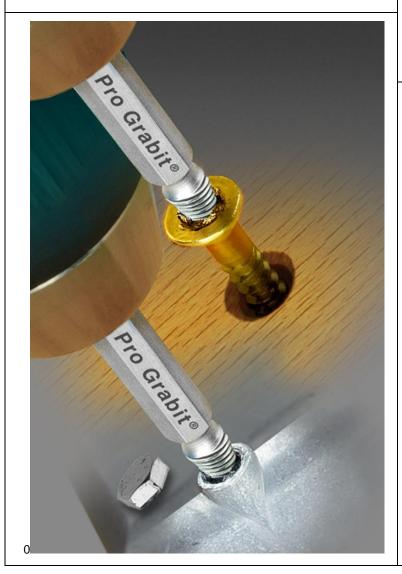
Drill/Extractor Set, Double-Ended And Power Extractor Bits, Number of Pieces 7, For Removing Stud, Bolt, Screw and Nuts Bolts #5 And #6 to 1/2 In, 3 to 12mm, M2 And H13 High Speed Tool Steel, In A Black Case In Blister Pack.

- Unique drill tip allows tool to stay on center.
- Self centering drill tip eliminates walking or wandering.
- No grinding, center punching, or pilot hole required.
- Works on jagged, uneven, and rough breaks.
- Tempered twice for extra hardness; results in multiple extractions per tool.
- Made from M2 HSS. Highest quality steel used and made in the USA.

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- Two-step drill bit and extractor in one tool. Multiple tools not required.
- Self centering drill tip; no walking or wandering.
- No grinding, center punching, or pilot hole required.
- Can be used in quick change chucks. Easy to use.
- Tempered twice for extra hardness. Results in multiple extractions per tool.
- Made from M2 HSS. Highest quality steel used and made in the USA.



## Alden 8420P Pro Grabit®

Broken Bolt and Damaged Screw Extractor 2 Piece Kit



Pro Grabit® - 2 piece extractor kit works on damaged screws and broken bolts from as small as No. 4 screw to as large 1/4 in. bolt. Quickly and easily removes most damaged screws such as Hex, Phillips, Torx, Square Drive; sizes No.4 - 10 from wood, plastic or metal up to 3 inches in length. Two-step drill bit and extractor in one tool extracts broken bolts and damaged screws fast; use in reverse only when drilling and extracting with reversible hand held power drill. Can drill up to grade 8 or 10.9 class fasteners; extracts bolt sizes No. 10- 1/4 in. (5mm - 10mm). Serrated extracting end of tool results in greater torque for hard to remove bolts and screws. No bolt preparation required. Professional grade multi-purpose extractors compatible with "quick-connect" chuck systems or chucked directly into drill. Good for multiple extractions with single tool.

Goulet Aircraft Supply Ltd.

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