



INSTRUCTIONS

CAREFULLY READ & UNDERSTAND ALL INSTRUCTIONS BEFORE USE.



Speed Out™ is designed to work with any 9.5mm (3/8 in.) variable speed, reversible drill.

DO NOT use Speed Out™ with Impact Drivers.

Not recommended for drywall/sheetrock/gyprock screws.

Speed Out™ bits numbered #1 - #3 can be used in "quick change" type chucks for fast, efficient usage.

Speed Out™ can be used to remove screw types including HEX, PHILLIPS, TORX, SQUARE DRIVE, etc. Works on wood, sheet metal, mechanical, and other screws.

Speed Out™ can become damaged if extracting large screws or bolts exceeding 50.8mm (2 in.) in length and/or those with aggressive threads.

WARNING: To minimize the risk of injury, always wear eye protection. Cutting tools may shatter or break. Follow the safety instructions and warnings in your power tool instruction manual.

Step 1. DRILL OUT:

- Be certain the work piece is secure and will not move while extracting the screw.
- Insert Speed Out™ directly into drill (or quick-change chuck) so the "A" end is showing. Be sure Speed Out™ is secured tightly in the chuck.
- Set drill for REVERSE (counter-clockwise).
- Place the "A" end of Speed Out™ into the center of the damaged screw. Apply firm pressure towards the screw and in line with the extraction angle while drilling a 1.58mm-3.17mm (1/16 in.-1/8 in.) hole into the screw head. The hole should be clean and free of burrs or remaining tool marks.

Step 2. FLIP:

- Remove burnishing end from chuck. **HANDLE CAREFULLY** as Speed Out™ bit may be hot after drilling.
- Flip bit, and securely replace into drill chuck so the "B" end is now showing.

Step 3. EXTRACT:

- Be sure drill is set to REVERSE (counter-clockwise).
- Place the "B" end of Speed Out™ bit into the hole you just made in the screw or bolt.
- Apply firm downward pressure while reversing at slow speed. Faster speeds may cause Speed Out™ to strip the drilled hole. Continue extracting at a slow and even speed until the screw is removed.

After removal, the extracted screw or bolt may be stuck to the bit. Carefully tap the stuck screw on a hard surface to remove. If tapping does not release the screw, remove Speed Out™ from your drill and separate the screw from Speed Out™ with pliers. Speed Out™ is *reusable*. Clean chips off bit(s) and lubricate with oil after use.

Helpful Hints: For hard-to-remove screws or bolts, or if the bit slips or does not bite into the screw or bolt, re-burnish the screw or bolt so that the contact area is an additional 1.58mm (1/16 in.) deeper than before. Or, if applicable, try moving up in bit size repeating each step from the beginning of these instructions.

NOTE: Performing the above helpful hint steps could compromise the screw or bolt head, or the drill bit.

Speed Out	Screws	Bolts
# 1	No.4 - No.7	5mm (No. 10)
# 2	No.8 - No.10	6mm (1/4 in)
# 3	No.11 - No.14	8mm (5/16 in)
# 4	No.16 - No.24	10mm (3/8 in)

Professionally Made in China to Speed Out™ Specifications.

U.S. Patent No. 6,761,089

U.S. Patent No. 6,595,730

Add. Patent Pending

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