SEALEY POWER PRODUCTS

Sealey Group,
Bury St. Edmunds,
Suffolk.

NOTE: *It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.*

IMPORTANT: No responsibility is accepted for incorrect use of this equipment

WARRANTY: Guarantee is 12 months from purchase date. Proof of purchase will be required for any claim.

INFORMATION: Please call us for a copy of our latest catalogue.

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SEALEY POWER PRODUCTS

INSTRUCTIONS FOR:

NIBBLER CUTTING TOOL

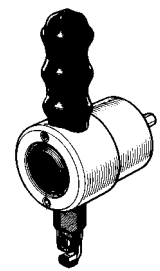
Model No: SNA98

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

⚠ **IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL VALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

1. SAFETY INSTRUCTIONS

❒ ***WARNING!*** remove the cutter from the drill before servicing or performing any maintenance.
✓ Maintain cutter in good condition (use authorised service agent). Replace/repair damaged parts. *Use recommended parts, alternative parts are dangerous & will invalidate the warranty.*
✓ Keep cutter clean for best and safest performance and check regularly moving parts.
✓ Keep tool bits clean and sharp for best and safest performance. Follow instructions for lubrication and changing accessories.
✓ Remove chuck key from the drill before turning the cutting tool on.
✓ Ensure there are no flammable or combustible materials near the work area.
✓ Wear approved safety eye protection (standard spectacles are not adequate).
✓ Remove ill fitting clothes, ties, watches, rings, and other loose jewellery, and contain long hair.
✓ Locate cutter in a clean, tidy working area for its function, and ensure these is good lighting.
✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non slip shoes.
✓ Keep children and unauthorised persons away from the working area.
✓ Secure non stable work piece with a clamp, vice or other adequate holding device.
✓ Start drill before cutting commences, keep drill on until cutter is fully removed from work piece.
✓ Avoid unintentional starting.
✗ DO NOT hold the workpiece by hand. Use clamps or a vice (not included)
✗ DO NOT force the cutter to achieve a task it was not designed to perform.
✗ DO NOT allow untrained persons to operate the cutter.
✗ DO NOT get cutter wet or use in damp or wet locations or areas where there is condensation.
✗ DO NOT operate the cutter if damaged, or there are parts missing.
✗ DO NOT exceed the rated capacity of the cutter.
✗ DO NOT use cutter where there is flammable liquids, solids or gases.
✗ DO NOT leave the cutter operating whilst unattended.
✗ DO NOT use cutter if tired, under influence of alcohol, drugs or intoxicating medication.
✓ When not in use switch drill off and remove the cutter and store in a safe, dry, child proof area.



2. APPLICATION & SPECIFICATIONS

- The SNA98 will cut sheet material, corrugated and rounded tubular sections etc in straight lines and curves with radius as small as 12mm (1/2").
- The indexable cutting head will adjust for different applications through 360° quickly and without dismantling the unit.
- The tool will cut cleanly without distortion thus alleviate jagged edges.

Specifications

Power Source	Any power drill, electric or air, with keyed chuck of 8mm (5/16") capacity with speed range 1,500 to 3,000RPM.
Cut Width	4mm
Max recommended gauge	Mild steel 1.6mm (16 S.W.G.) Brass, Aluminium. Plastic 2.00mm (14 S.W.G.) Stainless steel max 1.0mm (20 S.W.G.). We recommend a separate punch be kept specifically for this material as the extra wear caused by this hard steel can prematurely affect the cutters performance when used on other materials.

3. OPERATING INSTRUCTIONS

Before fitting cutter to the drill ensure the drill is switched off and unplugged from the power supply.

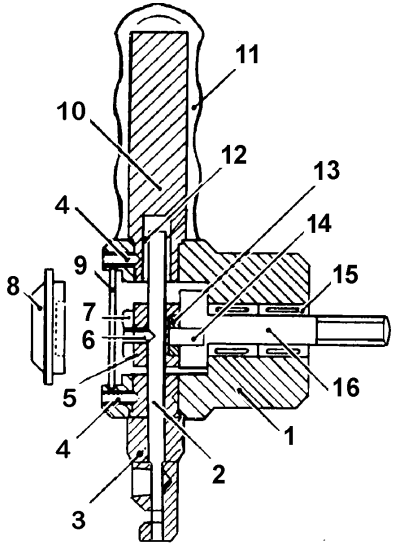
3.1. Insert the cutter drive shaft into the drill chuck and check to ensure the chuck jaws do not rub on the body of the cutter and secure.
3.2. Select the desired position of the die (3) by slackening the die screw (5). with the provided 3mm hex key. Use a soft toothed wrench to turn the die and securely re-lock the screw.
3.3. Ensure your work piece does not exceed the specifications listed in chapter 2.
3.4. Apply a smear of oil to the tool cutting edge and along the work piece cutting line.
Note: This is particularly important when cutting aluminium.
3.5. Wear safety goggles and ensure all safety requirements of chapter 1 are followed.
3.6. Connect the drill to the power supply and switch on.
3.7. Bring the cutter to the work piece whilst in motion.
DO NOT start the cutter whilst held against the work piece.
3.8. Hold the drill and handle of the cutter firmly as you proceed with the cutting process.
DO NOT force the cutter.
3.9. When you wish to stop cutting leave the drill running whilst the cutter is removed from the work piece. DO NOT stop the cutter whilst engaged with the work piece.

4. MAINTENANCE

When the cutting edges of the punch (2) and die (3) show signs of wear, both parts must be renewed together as follows:

4.1. Slacken die screw (4) and withdraw the die.
4.2. Remove circlip (9) and end cap (8). Circlip may be carefully hooked out with a small screw driver
4.3. Slacken punch location block screw (6) and withdraw the punch.
4.4. With punch location block (5) in position in the body (1), make sure the drive transfer bearing (13) is located on the drive shaft pin (14) and that this bearing is in turn located correctly in the channel of the punch location block (5).
4.5. Insert punch through die aperture in body, through punch location block into bronze bush (12). Reverse procedure but make sure that the punch holding screw point locates into dimple of punch to ensure correct operation, then lock screw and tighten locknut.
4.6. Re-pack with general purpose bearing grease.

5. PARTS LIST



No	Part	Description
1.	SNA98/01	Body
2.	SNA98/02	Punch
3.	SNA98/03	Die
4.	SNA98/04	Conical die screw 6mm
5.	SNA98/05	Punch location block
6.	SNA98/06	Punch screw
7.	SNA98/07	Lock nut
8.	SNA98/08	End cap
9.	SNA98/09	Circlip
10.	SNA98/10	Handle
11.	SNA98/11	Plastic grip
12.	SNA98/12	Bush
13.	SNA98/13	Drive transfer bearing
14.	SNA98/14	Drive pin
15.	SNA98/15	Bearing
16.	SNA98/16	Drive shaft

Original Date: 110698
Issue Date:
Version No: 0
Date Modified: N/A