METAL PUNCH SET 15PC

MODEL NO: **AK9821.V2**

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 & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

Refer to instruction manual

Wear eye protection

1. SAFETY

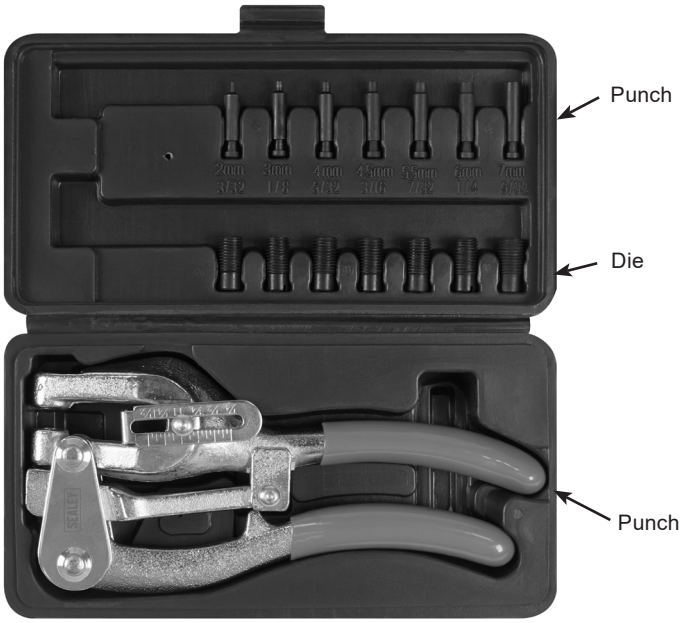
- ❑ **WARNING!** Ensure that Health and Safety, local authority and general workshop practice regulations are adhered to when using this product.
- × **DO NOT** use this product if it is damaged.
- × **DO NOT** operate punch if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- × **DO NOT** use the tool on material exceeding the manufacturer's specified thickness.
- ✓ Maintain tools in good and clean condition for best and safest performance.
- ✓ Always wear appropriate eye protection when operating the tool.
- ✓ Wear approved eye protection. A full range of personal safety equipment is available from your Sealey stockist.
- ✓ Wear suitable clothing to avoid snagging. Do not wear loose jewellery and tie back long hair.
- ✓ Ensure the correct punch and die combination is installed before use.
- ✓ Keep fingers clear of the punching area during operation.
- ✓ Inspect punches and dies regularly for wear or damage and replace as necessary.

2. INTRODUCTION

A compound lever mechanism delivers high punching force for clean, accurate holes in a metal sheet. The clamp body is manufactured from precision cast steel with heat-treated 45# carbon steel punch and diaphragm. Suitable for steel, aluminium, brass, copper and plastic. Handles metal sheets up to approximately 1.2–1.5mm, depending on material and up to 14 gauge. Includes 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" and 9/32" punch and die sizes. Supplied in a storage case.

3. SPECIFICATION

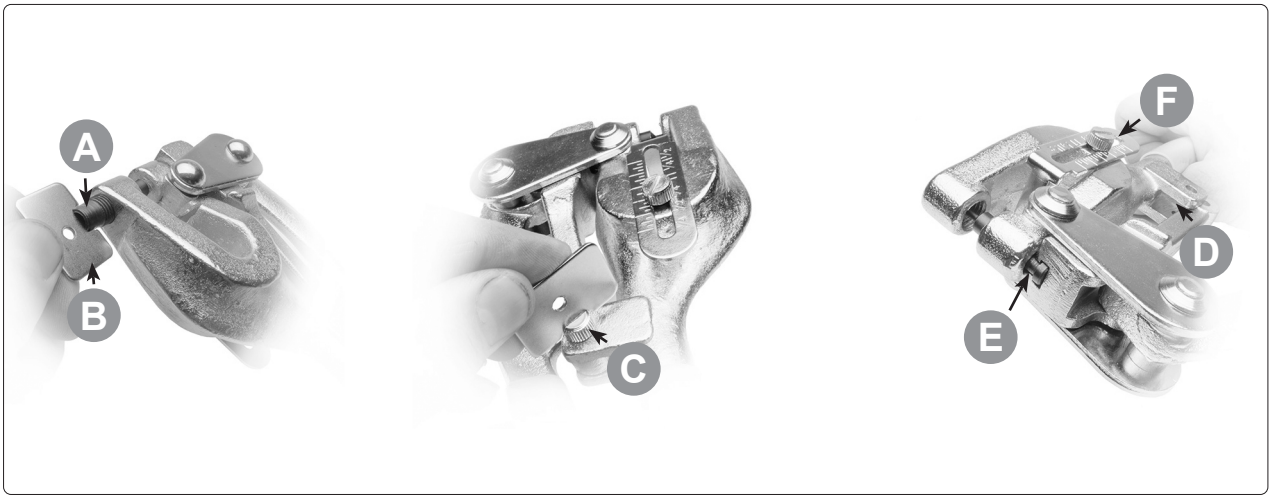
Model No:	AK9821V2
Contents:	Punch & Die Sizes; 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32"
Nett Weight:	1.45kg



4. OPERATION

4.1. CHANGING PUNCH AND DIE SETS

4.1.1. Follow the procedure below to install a different punch and die size:
4.1.2. Using the supplied removal tool (B), unscrew and remove the installed die (A) from the underside of the tool.
4.1.3. Install the required die size and tighten securely.
4.1.4. Using the removal tool, loosen and remove the knurled nut (C) from the handle assembly.
4.1.5. Slide the linkage arm (D) towards the handles to disengage the installed punch (E).
4.1.6. Remove the existing punch and install the required punch size.
4.1.7. Return the linkage arm (D) to its operating position over the new punch.
4.1.8. Reinstall and tighten the knurled nut (C) to secure the assembly.



4.2. ADJUSTING THE MATERIAL STOP

4.2.1. The material stop (F) enables consistent hole positioning.
4.2.2. Loosen the knurled nut securing the material stop.
4.2.3. Slide the material stop to the required position.
4.2.4. Tighten the knurled nut to lock the stop in place.

4.3. OPERATING INSTRUCTIONS

4.3.1. Confirm that the punch and die are correctly matched and securely installed.
4.3.2. Position the sheet metal between the punch and die.
4.3.3. Align the material against the material stop if repeatable hole spacing is required.
4.3.4. Squeeze the handles firmly until the punch passes completely through the material.
4.3.5. Release the handles and remove the work-piece.
4.3.6. Inspect the hole for size and quality before proceeding with further operations.

5. MAINTENANCE

5.1. Oil the pivot points, die and punch holes in the lower handle, to avoid excess wear.
5.2. Keep the punches and dies well lubricated.

ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

REGISTER YOUR PURCHASE HERE

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 Liability is accepted for incorrect use of this product.
Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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