



# THREAD REPAIR MASTER KIT

MODEL NO: TRMK

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

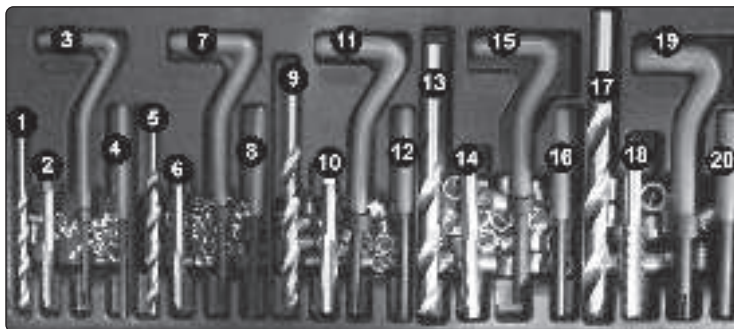
- ☐ **WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
- ☒ **DO NOT** use tools if damaged.
- ☒ **DO NOT** use this tool for purposes other than for which it is designed.
- ☒ Maintain tools in good and clean condition for best and safest performance.
- ☒ 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 jewellery and tie back long hair.
- ☒ Keep children and unauthorised persons away from the work area.
- ☒ **DO NOT** use the thread repair set when you are tired or under the influence of alcohol, drugs or intoxicating medicine.
- ☒ Account for all tools and parts being used, **DO NOT** leave them in or near an engine. Return all parts to the case and store this in a safe, dry, childproof location.
- ☐ **WARNING!** Failure to comply with these instructions may result in damage to the thread repair set or work piece and/or personal injury.
- ☐ **WARNING!** The warnings referred to in this guide cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

## 2. INTRODUCTION

Suitable for five common sizes of thread. Creates a stronger internal thread in soft metals. Ideal for repairing damaged or stripped internal threads. Protects tapped threads against wear and damage. Includes drill bits, thread taps, stainless steel thread inserts, insert installation and lug breaking tools. Supplied in metal storage case.

## 3. SPECIFICATION

Model No: ..... TRMK  
Replacement Inserts:  
..... TRM5R, TRM6R, TRM8R, TRM10R, TRM12R  
Thread Lengths:  
..... M5 x 4.5mm (x25), M6 x 5.5mm (x25),  
..... M8 x 8 (x25), M10 x 10mm (x25), M12 x 11mm (x10)  
Thread Size:  
..... M5 x 0.8, M6 x 1, M8 x 1.25, M10 x 1.5, M12 x 1.75mm



## 4. CONTENTS

| Item | Description            | Part No.    | Item                               | Description            | Part No.    |
|------|------------------------|-------------|------------------------------------|------------------------|-------------|
| 1    | Twist Drill 5.2mm Bit  | TRM5.V2-01  | 14                                 | Screw Tap M10x1.5      | TRM10.V2-02 |
| 2    | Screw Tap M5x0.8       | TRM5.V2-02  | 15                                 | Installation Tool      | TRM10.V2-03 |
| 3    | Installation Tool      | TRM5.V2-03  | 16                                 | Breaking Pin Tool      | TRM10.V2-04 |
| 4    | Breaking Pin Tool      | TRM5.V2-04  | 17                                 | Twist Drill 12.5mm Bit | TRM12.V2-01 |
| 5    | Twist Drill 6.3mm Bit  | TRM6.V2-01  | 18                                 | Screw Tap M12x1.75     | TRM12.V2-02 |
| 6    | Screw Tap M6x1.0       | TRM6.V2-02  | 19                                 | Installation Tool      | TRM12.V2-03 |
| 7    | Installation Tool      | TRM6.V2-03  | 20                                 | Breaking Pin Tool      | TRM12.V2-04 |
| 8    | Breaking Pin Tool      | TRM6.V2-04  | Thread Insert M5x0.8mm for TRM5    |                        | TRM5R       |
| 9    | Twist Drill 8.3mm Bit  | TRM8.V2-01  | Thread Insert M6x1mm for TRM6      |                        | TRM6R       |
| 10   | Screw Tap M8x1.25      | TRM8.V2-02  | Thread Insert M8x1.25 for TRM8     |                        | TRM8R       |
| 11   | Installation Tool      | TRM8.V2-03  | Thread Insert M10x1.5mm for TRM10  |                        | TRM10R      |
| 12   | Breaking Pin Tool      | TRM8.V2-04  | Thread Insert M12x1.75mm for TRM12 |                        | TRM12R      |
| 13   | Twist Drill 10.5mm Bit | TRM10.V2-01 |                                    |                        |             |

## 5. OPERATION



**4.1** Drill out the damaged thread using the correctly sized twist drill bit provided.



**4.2** Tap drilled hole using screw tap provided.



**4.3** Load thread insert into installation tool.



**4.4** Screw insert into threaded hole.



**4.5** Remove the tag from the insert using the breaking pin tool.



**4.6** Thread is repaired and ready to use.



### 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.

**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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