

Thürmer T-Coil Thread Repair Kit Instructions

1. Introduction

The Thürmer T-Coil Thread Repair Kit is designed to restore damaged threads in metal components efficiently.

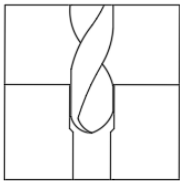
This kit helps reinforce threads to their original strength and durability.

2. Kit Contents

- Thread repair inserts (T-Coils)
- Special tap
- Installation tool
- Tang break-off tool
- Drill bit (if required)

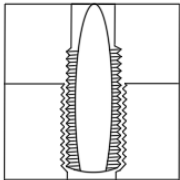
3. Step-by-Step Instructions

Step 1: Drilling



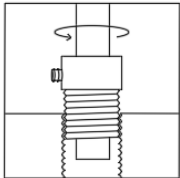
1. Identify the damaged thread size.
2. Use the appropriate drill bit (as specified for your kit) to remove the damaged threads.
3. Ensure the hole is clean and free from debris before proceeding.

Step 2: Tapping



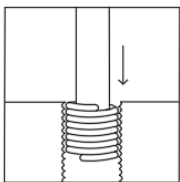
1. Using the special tap provided in the kit, cut new threads into the drilled hole.
2. Make sure to apply cutting oil if needed to ensure smooth threading.
3. Turn the tap carefully to avoid breakage.

Step 3: Installing the Insert



1. Place the thread insert (T-Coil) onto the installation tool.
2. Position the insert into the newly tapped hole.
3. Rotate the tool until the insert is fully seated just below the surface.

Step 4: Tang Removal



1. Once the insert is installed, use the tang break-off tool to remove the tang at the bottom of the insert.
2. Ensure the tang is fully removed and that the new threads are clear.

4. Important Tips

- Always select the correct drill bit and tap size for your application.
- Lubricate while tapping to ensure smooth operation.
- Ensure the insert is properly seated before breaking off the tang.
- Avoid over-tightening the installation tool to prevent coil deformation.

5. Applications

- Automotive repairs
- Machinery and equipment maintenance
- Aerospace and industrial applications
- DIY repairs for damaged threads

6. Safety Precautions

- Wear protective eyewear and gloves when working with tools.
- Secure the workpiece properly before drilling and tapping.
- Ensure proper alignment when tapping and inserting the coil.

7. Conclusion

The Thürmer T-Coil Thread Repair Kit is an essential tool for restoring damaged threads with precision and strength.

By following these instructions, you can ensure a durable and professional repair.

For additional support, visit the manufacturer's website or contact customer service for further assistance.