

HILTI 282140

HILTI 282140 Side Handle Instruction Manual

For DC 125-S/AG 125-S/SE Cutting, Sawing, and Grinding Tools

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of the HILTI 282140 Side Handle. This accessory is designed to enhance control and stability when operating compatible HILTI DC 125-S, AG 125-S, and SE series cutting, sawing, and grinding tools. Proper installation and use are crucial for operator safety and optimal tool performance.



Figure 1: HILTI 282140 Side Handle. This image shows the metallic side handle, designed for ergonomic grip and secure attachment to HILTI power tools.

2. SAFETY INSTRUCTIONS

Always adhere to the safety guidelines provided in the main instruction manual of your HILTI power tool (DC 125-S, AG 125-S, or SE). The side handle is an accessory and does not replace the need for general power tool safety practices.

- **Read all instructions:** Before using the side handle, read and understand all instructions in this manual and the power tool's manual.

- **Secure attachment:** Ensure the side handle is securely fastened to the tool before operation. A loose handle can lead to loss of control and injury.
- **Maintain a firm grip:** Always maintain a firm, two-handed grip on the power tool, utilizing the side handle for maximum control.
- **Inspect before use:** Before each use, inspect the side handle for any damage, cracks, or wear. Do not use a damaged handle.
- **Keep hands clear:** Ensure hands are kept clear of rotating or moving parts of the power tool during operation.

3. PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- HILTI 282140 Side Handle (1 unit)

4. SETUP AND INSTALLATION

The HILTI 282140 Side Handle is designed for easy attachment to compatible HILTI power tools.

1. **Identify the mounting point:** Locate the threaded mounting hole on the side of your HILTI DC 125-S, AG 125-S, or SE tool. This is typically near the gear housing.
2. **Thread the handle:** Align the threaded end of the side handle with the mounting hole. Carefully thread the handle into the hole by turning it clockwise.
3. **Tighten securely:** Hand-tighten the side handle firmly until it is secure. Do not overtighten, but ensure there is no play or looseness. The handle should be stable and not rotate freely.
4. **Check position:** Adjust the handle's angle if necessary to achieve a comfortable and secure grip for your intended application. Ensure it does not obstruct ventilation or operational controls.

Note: Always ensure the power tool is disconnected from its power source before attaching or detaching the side handle.

5. OPERATING INSTRUCTIONS

The side handle provides an additional point of contact for improved control and reduced operator fatigue during cutting, sawing, and grinding tasks.

- **Two-hand operation:** Always operate the power tool with both hands, one on the main grip and the other firmly on the HILTI 282140 Side Handle.
- **Maintain balance:** Use the side handle to maintain balance and apply even pressure during operation, especially when working on uneven surfaces or in awkward positions.
- **Control kickback:** A firm grip on the side handle can help mitigate the effects of kickback, providing better control over the tool.
- **Ergonomics:** Position the side handle to allow for a natural and comfortable wrist position, reducing strain during prolonged use.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your HILTI 282140 Side Handle.

- **Cleaning:** Wipe the handle clean with a damp cloth after each use to remove dust, debris, and grime.

Avoid using harsh chemicals or solvents that could damage the material.

- **Inspection:** Periodically inspect the handle for any signs of wear, cracks, deformation, or damage to the threads.
- **Storage:** Store the side handle in a clean, dry place, away from direct sunlight and extreme temperatures, when not in use.

7. TROUBLESHOOTING

If you encounter issues with your HILTI 282140 Side Handle, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Side handle feels loose or wobbly.	Handle not tightened sufficiently.	Ensure the handle is securely hand-tightened into the tool's mounting point.
Handle cannot be threaded into the tool.	Incorrect alignment or damaged threads.	Check for proper alignment. Inspect threads on both the handle and the tool for damage. Do not force. If threads are damaged, contact HILTI service.
Discomfort during use.	Improper handle position.	Adjust the handle's angle to a more ergonomic position that suits your grip and task.

8. SPECIFICATIONS

- **Model Number:** 282140
- **Brand:** HILTI
- **Material:** Metal, Stainless Steel
- **Item Weight:** Approximately 7 ounces (198 grams)
- **Handle/Lever Placement:** Side
- **Specific Uses:** Tool Handle for cutting, sawing, grinding applications
- **Compatibility:** HILTI DC 125-S, AG 125-S, SE series tools

9. WARRANTY AND SUPPORT

HILTI products are manufactured to the highest quality standards. For information regarding warranty coverage, service, or technical support for your HILTI 282140 Side Handle or compatible HILTI tools, please refer to the official HILTI website or contact your local HILTI representative.

HILTI Customer Service: Please visit www.hilti.com for contact information and support resources in your region.