

STANLEY 10-481

Stanley 10-481 FatMax 18mm Snap-Off Knife Instruction Manual

Model: 10-481

1. INTRODUCTION

The Stanley 10-481 FatMax 18mm Snap-Off Knife is a versatile cutting tool designed for various tasks requiring a sharp, precise blade. Its robust construction and innovative features ensure durability and ease of use. This manual provides essential information for the safe operation, maintenance, and blade replacement of your knife.



Image 1.1: Stanley 10-481 FatMax 18mm Snap-Off Knife. This image shows the knife with its blade extended, highlighting the yellow and black handle and the segmented blade.

2. SAFETY INFORMATION

WARNING: This tool contains extremely sharp blades. Improper use can result in severe injury. Always exercise extreme caution when handling, using, or replacing blades.

- Always wear appropriate personal protective equipment, such as safety gloves and eye protection.
- Keep fingers and body parts clear of the blade path.
- Ensure the blade is fully retracted or securely locked when not in use.
- Do not apply excessive force that could cause the blade to slip or break.
- Keep out of reach of children.
- Dispose of used blades responsibly in a designated sharps container.

- **Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

3. PRODUCT FEATURES

The Stanley 10-481 FatMax Snap-Off Knife incorporates several design elements for enhanced performance and user convenience:

- **Stainless Steel Barrel:** Provides rust resistance for extended tool life.
- **Blade Cartridge:** Stores up to 6 blades for quick and instant blade replacement.
- **Push Button Cartridge Release:** Facilitates fast and easy blade changes.
- **Removable Blade Snapper:** Ensures safe and efficient removal of worn blade segments.
- **Ergonomic Handle:** Designed for comfortable grip and control during use.

4. SETUP

Your Stanley FatMax Snap-Off Knife comes ready for use. Follow these steps for initial preparation:

1. **Unpackaging:** Carefully remove the knife from its packaging. Inspect the knife for any signs of damage.
2. **Blade Inspection:** Ensure a fresh blade is properly seated in the knife. The knife typically comes with one blade pre-loaded and additional blades in the cartridge.
3. **Familiarization:** Locate the blade slider, blade lock, and the blade snapper tool (often integrated into the handle or end cap).



Image 4.1: Stanley 10-481 FatMax 18mm Snap-Off Knife in its original packaging. This image shows the knife sealed in its retail packaging, indicating it is new and unused.

5. OPERATING INSTRUCTIONS

To operate your Stanley FatMax Snap-Off Knife safely and effectively:

1. **Extend the Blade:** Push the blade slider forward with your thumb until the desired blade length is exposed. For most tasks, only one or two segments are needed.
2. **Lock the Blade:** Once the blade is extended to the desired length, ensure it is securely locked in place. The 10-481 model features a thumb screw or a positive click-lock mechanism to prevent accidental retraction or extension during use.
3. **Making a Cut:** Place the blade against the material to be cut. Apply firm, even pressure and draw the knife along the cutting line. Always cut away from your body.
4. **Retract the Blade:** After completing the cut, unlock the blade and slide it back into the handle until it is fully retracted. This prevents accidental exposure and injury.



Image 5.1: A hand holding the Stanley 10-481 FatMax 18mm Snap-Off Knife with the blade extended, ready for use. This illustrates the proper grip and blade exposure.



Image 5.2: A gloved hand using the Stanley 10-481 FatMax 18mm Snap-Off Knife to cut material on a workbench. This demonstrates the knife in an active cutting scenario.

6. BLADE REPLACEMENT

The snap-off feature allows for a fresh, sharp edge whenever needed. The knife also features a cartridge for quick full blade replacement.

6.1 Snapping Off a Blade Segment

1. **Retract Blade:** Ensure only the dullest segment of the blade is exposed.
2. **Locate Snapper:** Identify the blade snapper tool, typically found at the end of the knife handle.
3. **Snap Off:** Insert the exposed blade segment into the snapper slot. Bend the blade downwards firmly and quickly to snap off the dull segment. The blade wiper feature helps remove debris.
4. **Dispose:** Carefully dispose of the snapped-off segment in a safe, puncture-resistant container.

6.2 Replacing the Entire Blade Cartridge

When all segments of the current blade are used, or if the blade is damaged, replace the entire blade cartridge:

1. **Retract Blade:** Fully retract the existing blade into the handle.
2. **Open Cartridge:** Locate the push-button cartridge release (often near the rear of the blade housing). Press the button and slide open the blade cartridge compartment.
3. **Remove Old Blade:** Carefully remove the used blade from the cartridge.
4. **Insert New Blade:** Take a new 18mm snap-off blade from the internal storage (if available) or a new pack. Insert it into the cartridge, ensuring it is correctly oriented. The cartridge holds up to 6 blades.
5. **Close Cartridge:** Slide the cartridge compartment back into place until it clicks securely.
6. **Test:** Extend and retract the new blade to ensure it operates smoothly and locks securely.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your knife:

- **Cleaning:** After each use, wipe down the blade and handle with a dry cloth to remove any debris, dust, or moisture. Avoid using harsh chemicals that could damage the handle materials.
- **Lubrication:** Occasionally, a small amount of light machine oil can be applied to the blade slider mechanism to ensure smooth operation.
- **Storage:** Store the knife in a dry place, away from extreme temperatures and humidity. Always ensure the blade is fully retracted before storage.
- **Blade Wiper:** The integrated blade wiper helps keep the blade free of excess debris, contributing to its lifespan.

8. TROUBLESHOOTING

If you encounter issues with your Stanley FatMax Snap-Off Knife, consider the following:

- **Blade not extending/retracting smoothly:** Check for debris in the blade channel. Clean the channel and apply a small amount of lubricant if necessary. Ensure the blade is not bent or damaged.
- **Blade not locking securely:** Verify that the blade is fully extended to a locking position. Inspect the locking mechanism for any obstructions or damage. If the mechanism is worn, consider replacing the knife.
- **Blade breaking prematurely:** Ensure you are using the correct 18mm snap-off blades. Avoid applying excessive side pressure during cuts. Only extend the blade as far as necessary for the task.
- **Difficulty snapping off segments:** Ensure the blade snapper tool is clean and free of debris. Apply firm, quick pressure. If the blade is old or corroded, it might be more difficult to snap.

9. SPECIFICATIONS

Feature	Detail
Model Number	10-481
Brand	STANLEY
Blade Size	18mm
Style	Snap-Off
Blade Material	Stainless Steel
Handle Material	Blend (Stainless Steel components)
Item Length	6.25 Inches
Item Weight	163 Grams
Blade Storage	Cartridge holds up to 6 blades
UPC	640026853787, 076174104813

10. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Stanley 10-481 FatMax 18mm Snap-Off Knife, please refer to the warranty card included with your purchase or visit the official STANLEY website. You may also contact STANLEY customer service directly for assistance.

STANLEY Official Website: www.stanleytools.com

