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STANLEY BOS33425

Stanley 33425 Powerlock II Power Return Rule User Manual

Model: BOS33425

Introduction

This manual provides detailed instructions for the safe and effective use, maintenance, and specifications of the Stanley Powerlock II Power Return Rule, model BOS33425. This precision measuring tool is designed for accuracy and durability in various professional and DIY applications.

Safety Information

- Always handle the tape measure with care to avoid injury from the blade edges. The blade can be sharp.
- Do not allow the blade to retract at high speed without control, as this can cause injury to hands or damage to the tool.
- Keep the tape measure clean and free from debris to ensure smooth operation of the blade and locking mechanism.
- Store the tool in a dry place to prevent corrosion and extend its lifespan.

Product Overview

The Stanley Powerlock II Power Return Rule features a robust design for reliable performance and accurate measurements.

Key Components

- **Blade:** High-visibility yellow steel blade with a Mylar coating for enhanced durability and wear resistance. Features clear imperial (inches, feet) and metric (centimeters, meters) markings.
- **Hook:** Tru-Zero hook, secured with three rivets, designed to be corrosion-resistant. This hook moves to compensate for its own thickness, ensuring accurate inside and outside measurements.
- **Locking Mechanism:** A secure, sliding lock helps prevent the blade from creeping or retracting during measurement.
- **Case:** An extra-tough chrome case provides protection and a comfortable grip.
- **Belt Clip:** Integrated belt clip for convenient portability and quick access.

Product Features

- Secure lock mechanism prevents blade movement during measurement.
- Integrated 16" and 19.2" stud center markings simplify framing tasks.

- Tru-Zero hook functions as a pivot for drawing circles and arcs.
- Mylar coated blade for enhanced wear resistance and extended product life.
- High rigidity blade, capable of extending up to 7 feet unsupported.



Front view of the Stanley Powerlock II Power Return Rule, showing the chrome case and yellow Stanley PowerLock 25' label.



Side view of the Stanley Powerlock II Power Return Rule, highlighting the yellow locking mechanism and belt clip.

Setup

The Stanley Powerlock II Power Return Rule is designed for immediate use out of the packaging. No assembly is required.

Initial Inspection

- Inspect the blade for any kinks, bends, or damage that could affect accuracy or operation.
- Verify the smooth operation of the locking mechanism by engaging and disengaging it several times.
- Check the Tru-Zero hook for proper movement and secure attachment to the blade.

Operating Instructions

Extending the Blade

Gently pull the blade from the case to the desired length. Avoid pulling the blade out too quickly or with excessive force.

Locking the Blade

To hold the blade at a specific length, slide the yellow locking mechanism forward. Ensure it clicks into place for a secure

hold, preventing the blade from retracting or moving during measurement.

Retracting the Blade

To retract the blade, slide the locking mechanism backward to release it. Guide the blade back into the case with your hand to prevent rapid retraction, which can cause damage to the hook or injury.

Taking Measurements

Outside Measurements

Place the end of the Tru-Zero hook against the outer edge of the object to be measured. Extend the blade and read the measurement at the desired point. The Tru-Zero hook is designed to compensate for its own thickness, ensuring accuracy.



A person using the Stanley Powerlock II Power Return Rule to measure the length of a wooden board, demonstrating an outside measurement.

Inside Measurements

For inside measurements, such as between two walls or surfaces, extend the blade until the case meets the opposing surface. Read the measurement on the blade and add the length of the case. The case length is typically marked on the side of the tape measure (e.g., 3-1/4 inches or 83mm). The Tru-Zero hook slides inward to compensate for its thickness.



A person using the Stanley Powerlock II Power Return Rule to measure an inside dimension between two wooden studs, illustrating an inside measurement technique.

Drawing Circles and Arcs

The Tru-Zero hook can be used as a pivot point. Secure the hook at the desired center point, extend the blade to the required radius, and use a pencil or marking tool at the measurement mark to draw the arc or circle.

Stud Center Markings

Utilize the distinct 16" and 19.2" markings on the blade to quickly identify standard stud center distances for framing and construction applications.

Maintenance

- **Cleaning:** After each use, wipe the blade and case with a dry or slightly damp cloth to remove dust, dirt, and debris. Avoid using harsh chemicals or abrasive cleaners, as these can damage the blade coating or case finish.
- **Lubrication:** Periodically, if the blade retraction mechanism feels stiff, a small amount of dry lubricant (e.g., graphite powder) can be applied to the blade entry point. Do not use oil-based lubricants, as they can attract and accumulate dirt.
- **Storage:** Store the tape measure in a clean, dry environment away from extreme temperatures, direct sunlight, and corrosive substances.

Troubleshooting

Blade Does Not Retract Smoothly

- Check for dirt or debris accumulated in the case or along the blade. Clean thoroughly.
- Ensure the locking mechanism is fully disengaged.
- If necessary, apply a small amount of dry lubricant as described in the Maintenance section.

Blade Does Not Lock Securely

- Verify that the locking mechanism is fully engaged by sliding it forward until it clicks.
- Inspect the locking mechanism for any obstructions, wear, or damage that might prevent proper engagement.

Inaccurate Measurements

- Ensure the Tru-Zero hook is clean and moves freely. A sticky hook can lead to incorrect readings.
- Check the blade for any significant bends, kinks, or stretching that could affect its accuracy.
- Confirm the correct reading of measurements, especially for inside measurements where the case length must be accurately added.

Specifications

Feature	Detail
Model Number	BOS33425
Blade Length	25 feet (7.62 meters)
Blade Width	1 inch (25.4 mm)
Blade Coating	Mylar
Case Material	Alloy Steel (Chrome)
Hook Type	Tru-Zero, 3-rivet
Stud Markings	16", 19.2"
Rigid Extension	Up to 7 feet (unsupported)

Feature	Detail
Product Dimensions	7 x 4.6 x 1.9 inches
Item Weight	13.76 ounces
Manufacturer	BOSTITCH STANLEY

Warranty and Support

For specific warranty information, details on product guarantees, or technical support, please refer to the official STANLEY website or contact their customer service department directly. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

Official STANLEY Website: www.stanleytools.com

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