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STANLEY ZSTA-0-33-504

Stanley FatMax Autolock Pocket Tape Measure

Model: ZSTA-0-33-504

Brand: STANLEY

PRODUCT OVERVIEW

The Stanley FatMax Autolock Pocket Tape is engineered for precision and durability. Its compact design and ergonomic bi-material case provide enhanced grip and comfort during use. Featuring advanced auto-lock technology, the blade extends and holds securely in place without manual locking, retracting smoothly with a simple press of a button. The Mylar-coated blade offers superior resistance to abrasion and wear, ensuring longevity. With Class II accuracy and a Tru-zero end hook, this tape measure delivers reliable and precise measurements for both internal and external applications. It also boasts a significant blade stand-out for extended reach and includes versatile detachable hooks for various measuring scenarios.



Figure 1: The Stanley FatMax Autolock Pocket Tape Measure, highlighting its ergonomic design and auto-lock feature.

KEY FEATURES

- **Auto-Lock Technology:** The blade automatically locks upon extension, providing hands-free measurement. Retraction is controlled by a simple button press.
- **Mylar Coated Blade:** Offers up to 10 times more resistance to abrasion and wear compared to standard lacquered blades, enhancing durability.
- **Ergonomic Bi-Material Case:** Designed for increased grip and user comfort during prolonged use.
- **Tru-Zero End Hook:** Compensates for both inside and outside measurements, ensuring accurate readings.
- **3M Blade Stand-Out:** Provides extended reach for easier single-person measurements.
- **Detachable Hooks:** Includes both standard and XL magnetic hooks for versatile attachment to various surfaces, improving efficiency in different working conditions.
- **Belt Clip:** For convenient and accessible storage when not in use.
- **Dual Measurement System:** Features both Metric (8m) and Imperial (26ft) graduations.



Figure 2: Detail of the auto-lock mechanism and the durable Mylar-coated blade.

SETUP

The Stanley FatMax Autolock Tape Measure requires minimal setup. Simply remove it from its packaging. Ensure the blade extends and retracts smoothly by pulling it out and pressing the release button. Familiarize yourself with the auto-lock mechanism: the blade will hold its position once extended, and pressing the top button will initiate retraction. The detachable hooks can be attached or removed as needed for specific measuring tasks.



Figure 3: The detachable hook, which can be swapped for the included magnetic or XL hooks.

OPERATING INSTRUCTIONS

Extending and Locking the Blade

To extend the blade, simply pull it out from the case. The auto-lock mechanism will engage automatically, holding the blade at the desired length. No manual locking switch is required. This feature is particularly useful for single-person measurements or when precise length retention is needed.

Retracting the Blade

To retract the blade, press the large button located on the top of the tape measure. This disengages the auto-lock, allowing the blade to smoothly return into the case. Control the retraction speed by varying pressure on the button.

Using the Tru-Zero End Hook

The Tru-zero end hook is designed to provide accurate measurements for both internal and external dimensions. When measuring an external length (e.g., the outside of a board), the hook's thickness is included in the measurement. When measuring an internal length (e.g., inside a window frame), the hook slides inward, and its thickness is excluded. Always ensure the hook is flush against

the surface for precise readings.

Utilizing Detachable Hooks

The tape measure comes with a standard hook and additional magnetic and XL hooks. These can be interchanged by sliding them off and on the end of the blade. The magnetic hook is ideal for attaching to metal surfaces, while the XL hook provides a wider grip for larger materials. Store unused hooks securely in the designated slot on the tape measure body.

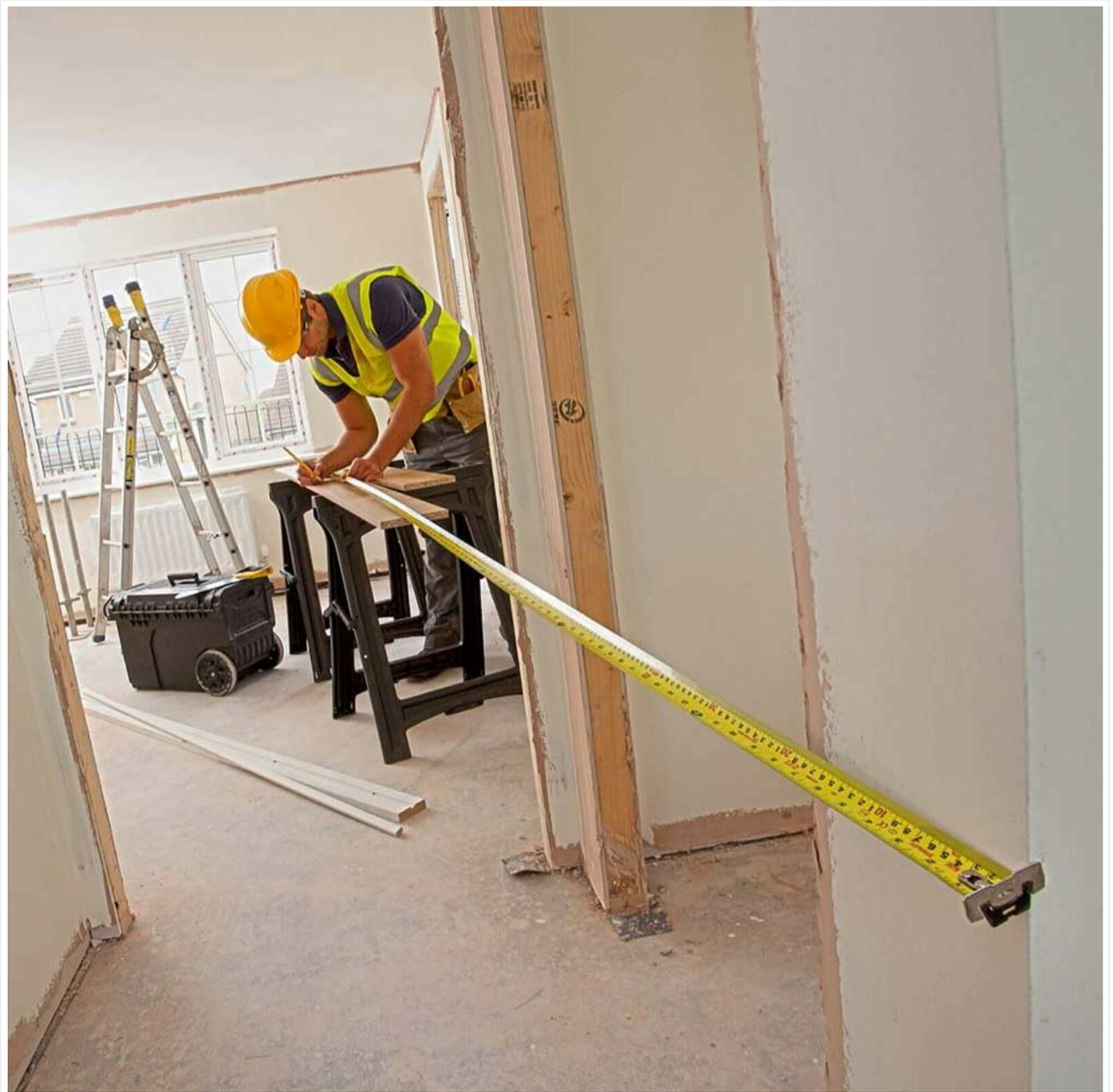


Figure 4: Demonstrating a long horizontal measurement, where the auto-lock feature maintains blade extension.

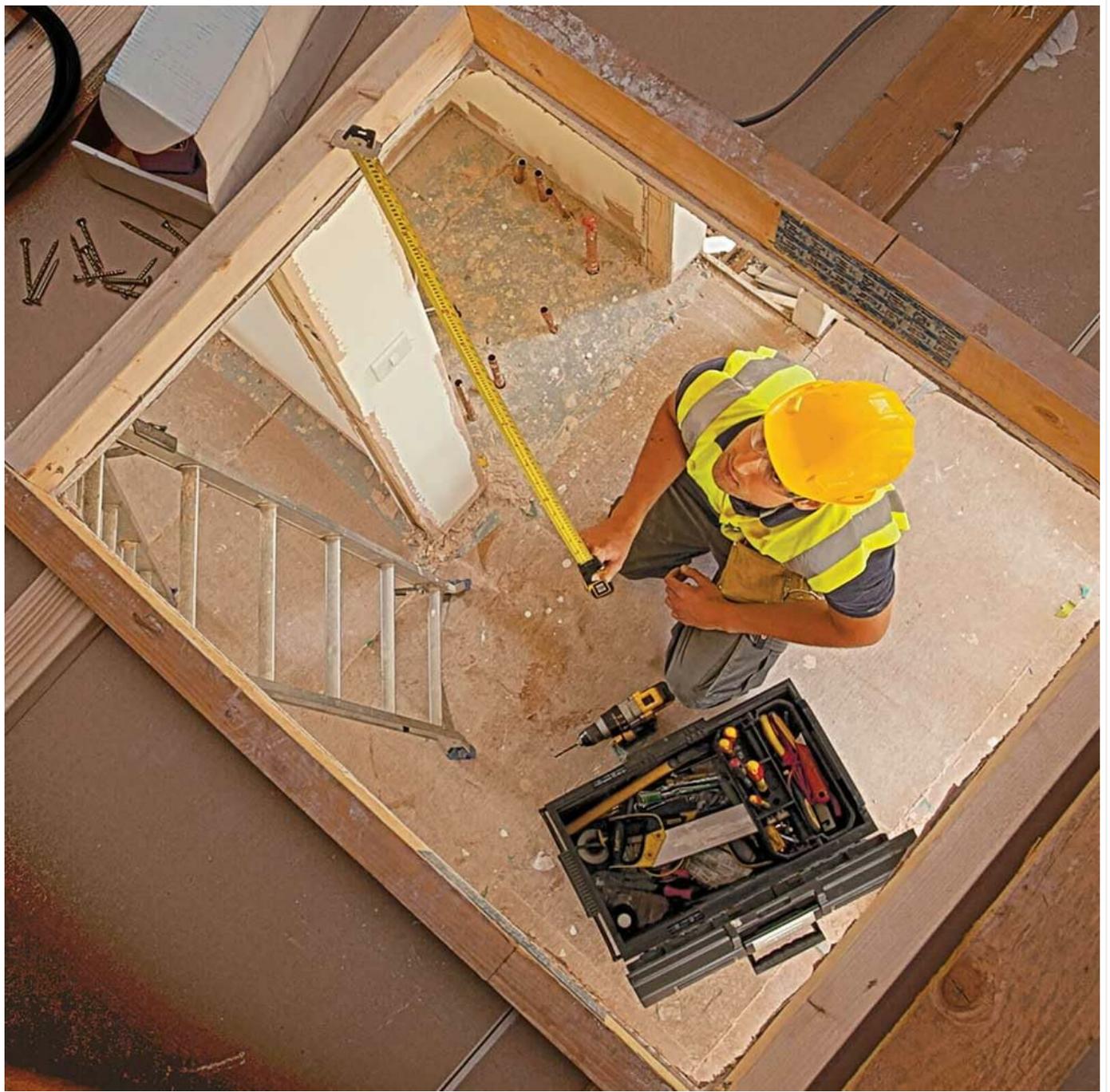


Figure 5: Measuring a vertical distance from an elevated position, showcasing the blade's stand-out capability.

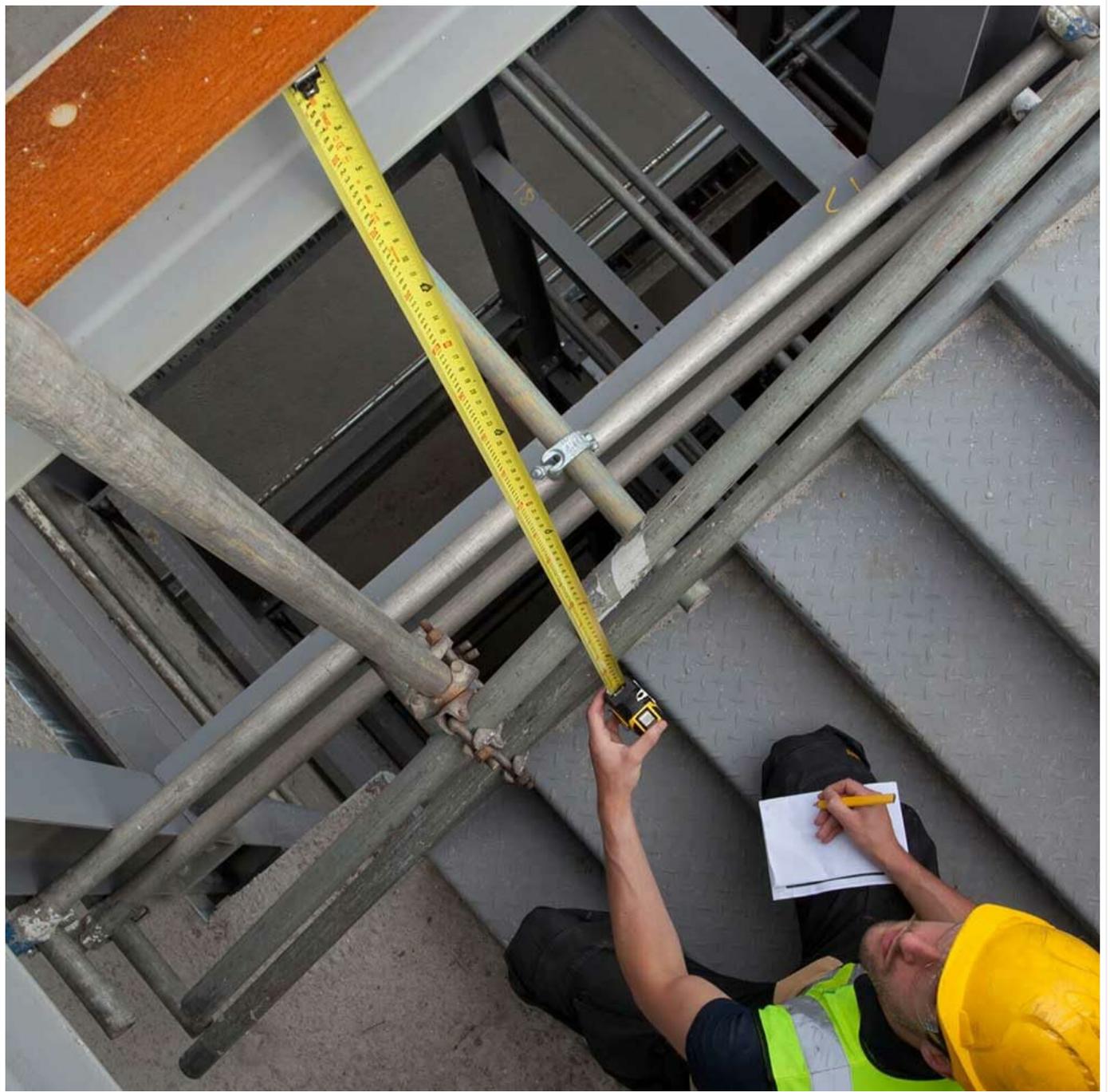


Figure 6: Measuring a vertical distance from below. Note that the blade markings are only on one side, requiring the user to orient the tape for readability.

MAINTENANCE

To ensure the longevity and accuracy of your Stanley FatMax Autolock Tape Measure, follow these maintenance guidelines:

- **Keep Clean:** Regularly wipe the blade and case with a dry or slightly damp cloth to remove dust, dirt, and debris. Avoid harsh chemicals.
- **Dry Storage:** Store the tape measure in a dry environment to prevent rust and corrosion, especially on the metal components and blade.
- **Avoid Extreme Conditions:** Protect the tape measure from extreme temperatures and prolonged exposure to direct sunlight, which can affect the blade and case materials.
- **Gentle Retraction:** While the auto-lock mechanism is robust, avoid forcing the blade during retraction. Press the button fully for smooth operation.
- **Inspect Blade:** Periodically check the blade for kinks, bends, or wear that could affect accuracy.

TROUBLESHOOTING

Blade Does Not Retract Smoothly

If the blade does not retract smoothly or feels sluggish, it may be due to accumulated dirt or debris inside the case or on the blade. Clean the blade thoroughly. If the issue persists, the internal spring mechanism might be experiencing wear. While the auto-lock feature is designed for durability, prolonged heavy use can slightly reduce the spring's tension over time. This is generally a minor issue and does not typically affect the tape measure's core functionality or accuracy.

Inaccurate Measurements

Ensure the Tru-zero end hook is clean and moves freely. Any debris or damage to the hook can lead to inaccurate readings. Verify that the blade is not kinked or damaged, as this can also compromise accuracy. For critical measurements, always double-check your readings.

SPECIFICATIONS

Attribute	Detail
Brand	STANLEY
Model Number	ZSTA-0-33-504
Blade Length	8 Meters / 26 Feet
Blade Width	32mm (1.26 inches)
Blade Stand-Out	3 Meters
Accuracy Class	EC Class II
Case Material	Bi-material for enhanced grip
Blade Coating	Mylar
Item Weight	0.63 Kilograms (1.39 Pounds)
Product Dimensions	4.57 x 2.4 x 7.17 inches

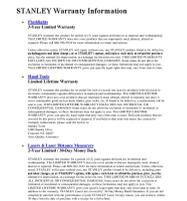
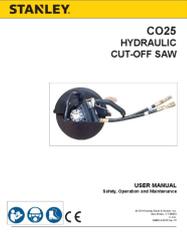
WHAT'S IN THE BOX

- 1 x Stanley FatMax Pro Autolock Tape Measure (8m/26ft)
- Detachable Magnetic Hook
- Detachable XL Hook

WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or service, please refer to the official STANLEY website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

Related Documents - ZSTA-0-33-504

	<p>STANLEY FATMAX FMHT77617 Self-Leveling Laser: User Manual and Specifications</p> <p>Comprehensive user manual for the STANLEY FATMAX FMHT77617 self-leveling laser, including setup, operation, safety guidelines, troubleshooting, and technical specifications. Features a 360° horizontal line, 2 vertical lines, and 1 down dot.</p>
	<p>STANLEY Product Warranty Information - Guarantees and Policies</p> <p>Comprehensive warranty details for STANLEY tools including Flashlights, Hand Tools, Lasers, Mechanics Tools, Stud Sensors, and Tape Rules. Learn about limited and lifetime warranties, exclusions, and return policies.</p>
	<p>Stanley TLM65 Laser Distance Measure User Manual</p> <p>User manual for the Stanley TLM65 Laser Distance Measure, covering setup, operations, measuring functions, technical data, care, disposal, warranty, and safety instructions.</p>
	<p>Stanley SRP 4960 Compaction Reversible Plate Parts Manual</p> <p>Comprehensive parts manual for the Stanley SRP 4960 Compaction Reversible Plate, detailing all components, part numbers, quantities, and assembly kits. Includes technical specifications, adhesive torque conversions, and maintenance information.</p>
	<p>Stanley FATMAX SL10LEDS Lithium LED Spotlight Instruction Manual</p> <p>Comprehensive instruction manual for the Stanley FATMAX SL10LEDS Lithium LED Spotlight, covering features, charging, operation, maintenance, troubleshooting, and warranty information.</p>
	<p>STANLEY CO25 Hydraulic Cut-Off Saw User Manual</p> <p>This user manual provides comprehensive safety, operation, and maintenance instructions for the STANLEY CO25 Hydraulic Cut-Off Saw. It includes specifications, troubleshooting, and parts information.</p>