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Tesa Assa Abloy M6503030L

Tesa Assa Abloy M6503030L Safety Cylinder Lock Instruction Manual

Model: M6503030L

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Tesa Assa Abloy M6503030L Safety Cylinder Lock. Please read these instructions carefully before proceeding with installation or use to ensure proper function and security.

2. PRODUCT OVERVIEW

The Tesa Assa Abloy M6503030L is a high-quality safety cylinder lock designed for enhanced door security. It features a robust brass construction and advanced protection mechanisms. This model is a 30x30mm cylinder with a short cam and a brass finish, supplied with five nickel brass keys.



Figure 1: Tesa Assa Abloy M6503030L Safety Cylinder Lock with five brass keys.

3. KEY FEATURES

- **Advanced Security:** Equipped with anti-drill, anti-bump, and anti-pick protection.
- **Durable Construction:** Made from high-quality brass for long-lasting performance.
- **6-Pin Tumbler Mechanism:** Provides enhanced security against manipulation.
- **High Resistance:** Tested for 100,000 operational cycles.
- **Master Key System Compatibility:** Suitable for master key systems with moderate complexity (e.g., up to 100 key features).
- **Key Quantity:** Each cylinder is supplied with 5 nickel brass keys.



Figure 2: Internal cutaway view showing the 6-pin tumbler mechanism and security features.



Figure 3: Security and maintenance icons: Tesa lubricant, original Tesa keys, anti-bumping, anti-picking, anti-drilling.

4. SPECIFICATIONS

Attribute	Detail
Brand	Tesa Assa Abloy
Model	M6503030L
Lock Type	Key Lock
Material	Brass
Dimensions (L x W x H)	2.36 x 1.18 x 1.18 inches (60 x 30 x 30 mm)
Cam Type	Short Cam
Keys Supplied	5 Nickel Brass Keys

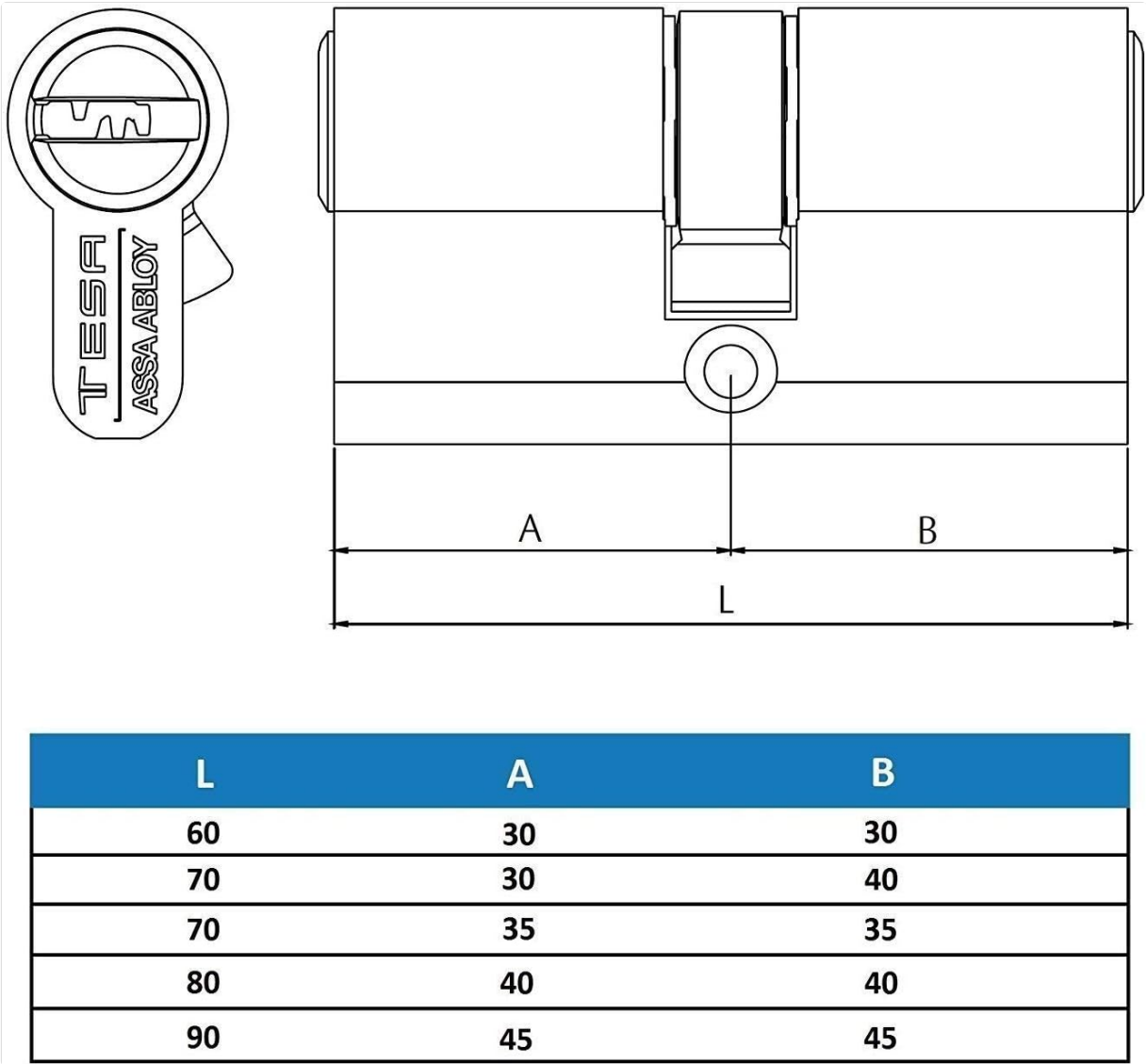


Figure 4: Cylinder dimensions (L, A, B) for various sizes. This model is 30x30mm (L=60).

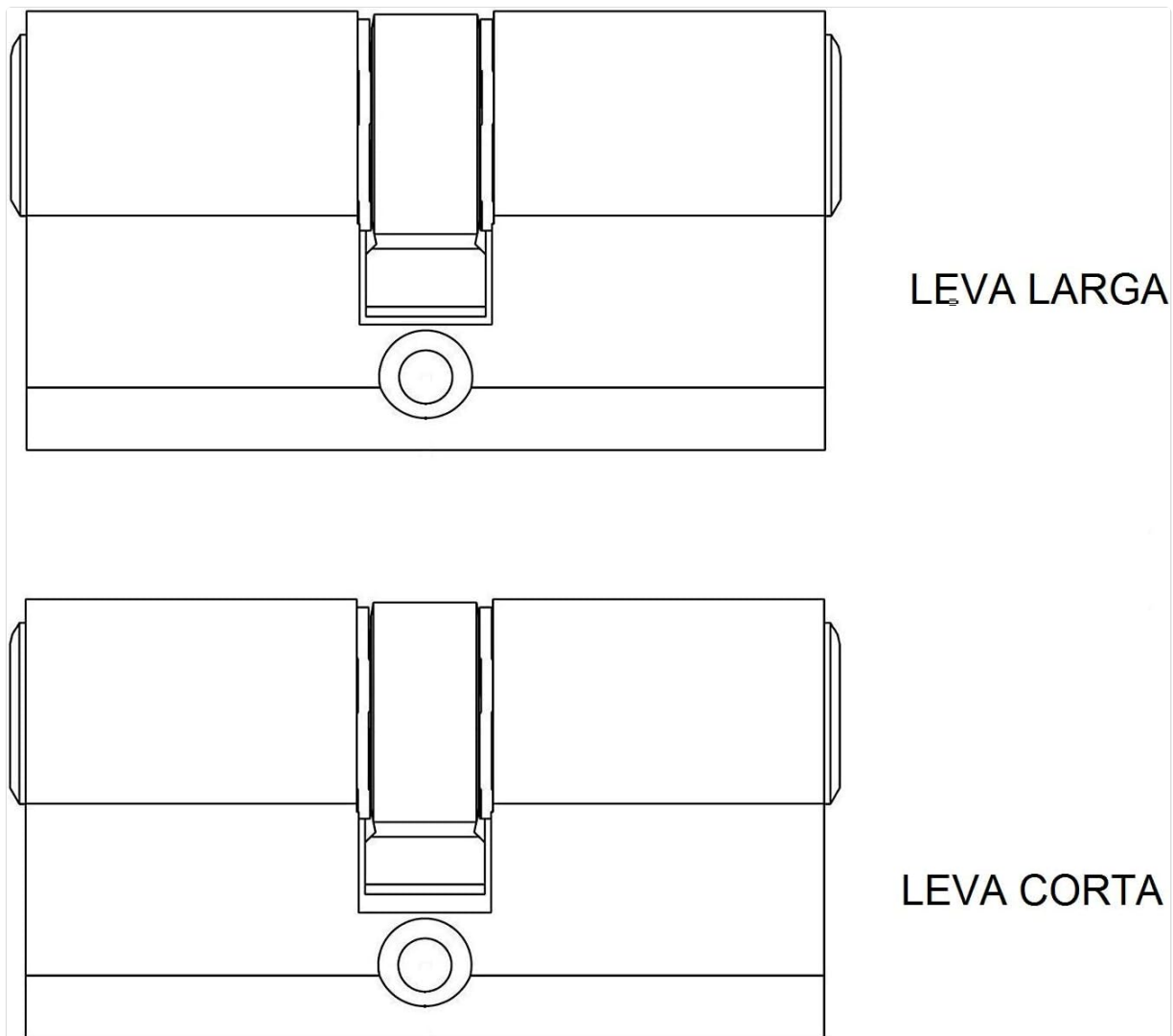


Figure 5: Comparison of long cam (LEVA LARGA) and short cam (LEVA CORTA) cylinders. This model features a short cam.

5. INSTALLATION GUIDE (SETUP)

Proper installation is crucial for the security and functionality of your cylinder lock. If you are unsure about any step, consult a professional locksmith.

5.1. Tools Required

- Screwdriver (Phillips or flathead, depending on your door hardware)
- Measuring tape or ruler

5.2. Measuring Your Existing Cylinder

Before replacing a cylinder, accurately measure its dimensions. The M6503030L is a 30x30mm cylinder (total length 60mm). Ensure this matches your door's requirements.

1. Open the door and locate the fixing screw on the door edge, usually below the latch bolt.
2. Unscrew and remove this screw.
3. Insert your key into the cylinder and turn it slightly (about 15-20 degrees) in either direction.
4. While turning the key, gently pull the cylinder towards you. It should slide out once the cam is aligned with the cylinder body.

5. Measure the cylinder from the center of the fixing screw hole to each end (dimensions A and B as shown in Figure 4). The total length (L) is $A + B$.

5.3. Replacing the Cylinder

1. Ensure the new Tesa Assa Abloy M6503030L cylinder matches the required dimensions (30x30mm, short cam).
2. Insert one of the supplied keys into the new cylinder.
3. Turn the key slightly to align the cam with the cylinder body, allowing it to slide smoothly into the door's mortise lock.
4. Push the cylinder fully into the door, ensuring it is flush with both sides of the door.
5. Re-insert the fixing screw into the door edge and tighten it securely. Do not overtighten.
6. Test the lock from both sides with the key to ensure smooth operation before closing the door.

6. OPERATION

To operate your Tesa Assa Abloy M6503030L Safety Cylinder Lock:

- Insert the key fully into the keyway.
- Turn the key clockwise to lock the door or counter-clockwise to unlock it.
- Remove the key once the door is locked or unlocked.

Always use original Tesa Assa Abloy keys for optimal performance and security. Using non-original or damaged keys may impair the lock's function and security features.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and smooth operation of your cylinder lock.

- **Lubrication:** Apply a specialized lock lubricant (e.g., Tesa lubricant as shown in Figure 3) into the keyway approximately once a year, or if the lock feels stiff. Do not use oil-based lubricants or graphite, as these can attract dirt and clog the mechanism.
- **Cleaning:** Keep the keyway free from dust and debris. You can use compressed air to clear any obstructions.
- **Key Care:** Store keys properly to prevent bending or damage. Avoid using keys for purposes other than operating the lock.

8. TROUBLESHOOTING

If you encounter issues with your Tesa Assa Abloy M6503030L cylinder lock, consider the following common problems and solutions:

- **Key is difficult to insert or turn:**
 - Ensure you are using an original, undamaged key.
 - Check for debris in the keyway. Use compressed air to clear.
 - Apply a suitable lock lubricant.
- **Lock feels stiff or gritty:**

- The lock may require lubrication.
- Internal components might be dirty. Professional cleaning may be needed.
- **Cylinder cannot be removed:**
 - Ensure the fixing screw is completely removed.
 - The key must be turned slightly (about 15-20 degrees) to align the cam with the cylinder body.
Try turning the key in both directions while gently pulling.

If problems persist after attempting these solutions, contact a qualified locksmith or Tesa Assa Abloy customer support.

9. WARRANTY AND SUPPORT

Tesa Assa Abloy products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Tesa Assa Abloy website.


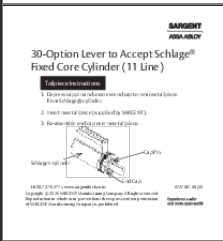
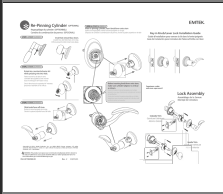
For technical support, spare parts, or further assistance, please contact Tesa Assa Abloy customer service through their official channels. Always provide your product model (M6503030L) and purchase details when seeking support.


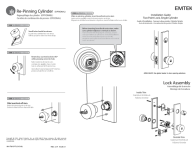

Contact Information:

- **Website:** www.assaabloy.com (or relevant regional site)
- Refer to your product packaging for specific regional contact details.

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Related Documents - M6503030L

	<p>Medeco 4 High Security Key System Frequently Asked Questions</p> <p>Get answers to frequently asked questions about the Medeco 4 (M4) high-security key system, including its features, applications, warranty, and compatibility. Learn about Medeco's latest physical security innovation from ASSA ABLOY.</p>
	<p>SARGENT 30-Option Lever Tailpiece Replacement for Schlage Fixed Core Cylinder</p> <p>Detailed instructions for replacing the tailpiece on a SARGENT 30-Option Lever to accept a Schlage Fixed Core Cylinder (11 Line). Includes part identification and step-by-step guidance.</p>
	<p>Emtek Key in Knob/Lever Lock Installation Guide</p> <p>Comprehensive installation guide for Emtek Key in Knob and Lever locks, covering preparation, re-pinning cylinder, and step-by-step assembly. Includes detailed instructions and safety warnings for Emtek door hardware.</p>

 The image shows the cover of the Yale Doorman Smart Lock Installation Guide. It features a yellow background with the Yale logo at the top. Below the logo, there is a small image of the smart lock and some text in Dutch, including 'Assemblagehandleiding'.	<p>Yale Doorman Smart Lock Installation Guide</p> <p>Comprehensive installation guide for the Yale Doorman smart lock, covering package contents, requirements, step-by-step installation, smart home integration, and troubleshooting. Includes multilingual instructions.</p>
 The image shows the cover of the Emtek Two Point Lock, Single Cylinder Installation Guide. It features a white background with technical diagrams of the lock mechanism and the text 'EMTEK' at the top.	<p>Emtek Two Point Lock, Single Cylinder Installation Guide</p> <p>Comprehensive installation guide for the Emtek Two Point Lock, Single Cylinder. Learn how to prepare your door, install the bolt and latch, trim plates, and cylinder for secure operation. Includes step-by-step instructions and detailed textual descriptions of diagrams.</p>
 The image shows the cover of the SARGENT KP Series Keypad Mortise Lock Installation and Programming Instructions. It features a white background with a large 'KP' logo and an image of the keypad lock. The text 'SARGENT' and 'KP Series Keypad Mortise Lock Installation & Programming Instructions' are visible.	<p>SARGENT KP Series Keypad Mortise Lock Installation and Programming Instructions</p> <p>Comprehensive guide for installing and programming the SARGENT KP Series Keypad Mortise Lock, including specifications, features, parts breakdown, and operational instructions.</p>