

Tesa Assa Abloy 4210303NI

Tesa Assa Abloy 4210303NI Single Point Lock Instruction Manual

Model: 4210303NI | Brand: Tesa Assa Abloy

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Tesa Assa Abloy 4210303NI Single Point Mortise Lock. This lock is designed for use with metal profiles and features a key-operated mechanism for enhanced security. Please read these instructions carefully before proceeding with installation or use to ensure optimal performance and safety.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation.
- Ensure all tools are in good working condition and used correctly.
- Professional installation is recommended to ensure correct fitting and operation.
- Keep all components and tools out of reach of children.
- Do not modify the lock or its components, as this may compromise security and void the warranty.
- Regularly inspect the lock for any signs of wear or damage. Replace damaged parts immediately.

3. PACKAGE CONTENTS

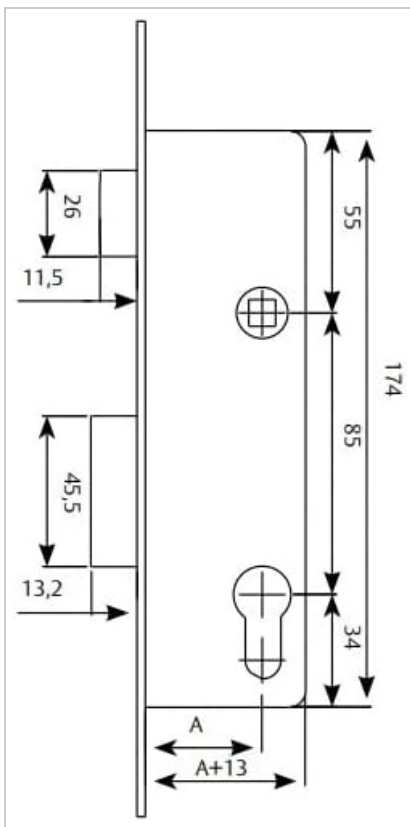
Verify that all components are present before beginning installation:

- 1 x Tesa Assa Abloy 4210303NI Single Point Mortise Lock

4. SETUP AND INSTALLATION

The Tesa Assa Abloy 4210303NI lock is designed for mortise installation in metal profiles. Accurate measurements are crucial for proper fit and function.

4.1. Dimensional Overview



The image above illustrates the key dimensions for the Tesa Assa Abloy 4210303NI mortise lock. These measurements are critical for preparing the door and frame for installation:

- **Overall Lock Body Height:** 174 mm
- **Backset (Dimension 'A'):** 30 mm (distance from the faceplate edge to the center of the spindle and keyhole)
- **Center Distance (Spindle to Keyhole):** 85 mm
- **Distance from Top Edge to Spindle Center:** 55 mm
- **Distance from Keyhole Center to Bottom Edge:** 34 mm
- **Faceplate Screw Hole Distances:** The first screw hole is 11.5 mm from the faceplate edge, and the distance between the two faceplate screw holes is 26 mm.

4.2. Installation Steps (General)

1. **Prepare the Door:** Mark and cut the mortise pocket in the door edge according to the lock's dimensions, ensuring the backset and center distances are accurate.
2. **Prepare the Faceplate Recess:** Chisel out a shallow recess for the faceplate to sit flush with the door edge.
3. **Drill Holes:** Drill holes for the spindle and key cylinder, aligning them precisely with the lock body.
4. **Insert Lock Body:** Slide the lock body into the mortise pocket.
5. **Secure Faceplate:** Fasten the faceplate to the door edge using the provided screws.
6. **Install Spindle and Handles:** Insert the spindle through the lock and attach the door handles.
7. **Install Key Cylinder:** Insert the key cylinder and secure it with the cylinder screw through the faceplate.
8. **Install Strike Plate:** Mark and chisel out a recess for the strike plate on the door frame, ensuring the latch and deadbolt align perfectly. Secure the strike plate with screws.
9. **Test Operation:** Test the lock with the key and handles to ensure smooth and correct operation of the latch and deadbolt.

5. OPERATING INSTRUCTIONS

The Tesa Assa Abloy 4210303NI is a key-operated lock with a half-turn latch and a deadbolt.

- **To Unlock:** Insert the correct key into the keyhole and turn it to retract the deadbolt and/or latch.
- **To Lock:** Close the door. Insert the key and turn it to extend the deadbolt into the strike plate. Remove the key.
- **Latch Operation:** The latch is operated by the door handles. Turning the handle retracts the latch, allowing the door to open.

6. MAINTENANCE

Regular maintenance helps prolong the life and ensure the smooth operation of your lock.

- **Cleaning:** Clean the visible parts of the lock with a soft, damp cloth and mild soap. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** Periodically apply a small amount of graphite-based lubricant to the key cylinder. Avoid oil-based lubricants, as they can attract dust and debris.
- **Inspection:** Regularly check all screws for tightness and ensure the lock components move freely without obstruction.

7. TROUBLESHOOTING

If you encounter issues with your lock, consider the following common solutions:

- **Key is difficult to turn or stuck:** Check for debris in the keyway. Apply graphite lubricant to the cylinder. Ensure the key is fully inserted and is the correct key.
- **Latch or deadbolt does not engage/retract smoothly:** Check for obstructions in the strike plate or door frame. Ensure the lock body is securely fastened and not misaligned.
- **Loose handles or components:** Tighten any visible screws on the handles or faceplate.
- **Door does not close properly:** Check door alignment and hinges. Ensure the strike plate is correctly positioned.

If problems persist, contact a qualified locksmith or Tesa Assa Abloy customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	4210303NI
Brand	Tesa Assa Abloy
Type	Single Point Mortise Lock
Lock Type	Key Lock
Style	2210
Material	Stainless Steel, Metallic
Finish	Polished
Dimensions (L x W x H)	24.5 x 5.3 x 4 cm
Weight	490 grams

Feature	Detail
Backset	30 mm
Center Distance (Spindle to Keyhole)	85 mm
Special Feature	Key unlocking
Recommended Use	Security
Country of Origin	Spain

9. WARRANTY AND SUPPORT

Specific warranty details for the Tesa Assa Abloy 4210303NI lock are not provided in this manual. For information regarding warranty coverage, claims, or technical support, please contact Tesa Assa Abloy customer service directly or refer to their official website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question