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> Tesa Assa Abloy 20307RNE Series 2030 Mortice Lock for Wooden Doors with Cylinder, Black, Entrada 70 mm/Frente Redondo Entrada 70 mm / Frente Redondo Black

Tesa Assa Abloy 20307RNE

Tesa Assa Abloy Series 2030 Mortice Lock User Manual

Model: 20307RNE

Brand: Tesa Assa Abloy

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Tesa Assa Abloy Series 2030 Mortice Lock. This lock is designed for secure installation on wooden entrance doors in homes, offices, or commercial properties, featuring an input function with both lever and cylinder mechanisms. Please read this manual thoroughly before installation and use to ensure proper function and safety.

SAFETY INFORMATION

Always follow basic safety precautions when installing or maintaining the lock. Failure to do so may result in injury or damage to the product or property.

- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during installation.
- Ensure all tools are in good working condition.
- Keep small parts away from children.
- Do not modify the lock mechanism. Any unauthorized modifications will void the warranty.
- If you are unsure about any step, consult a qualified locksmith or professional installer.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Tesa Assa Abloy Series 2030 Mortice Lock body

- Euro profile cylinder with 3 keys (nickel-plated steel)
- Strike plate
- Fasteners (screws)
- Installation instructions (this manual)

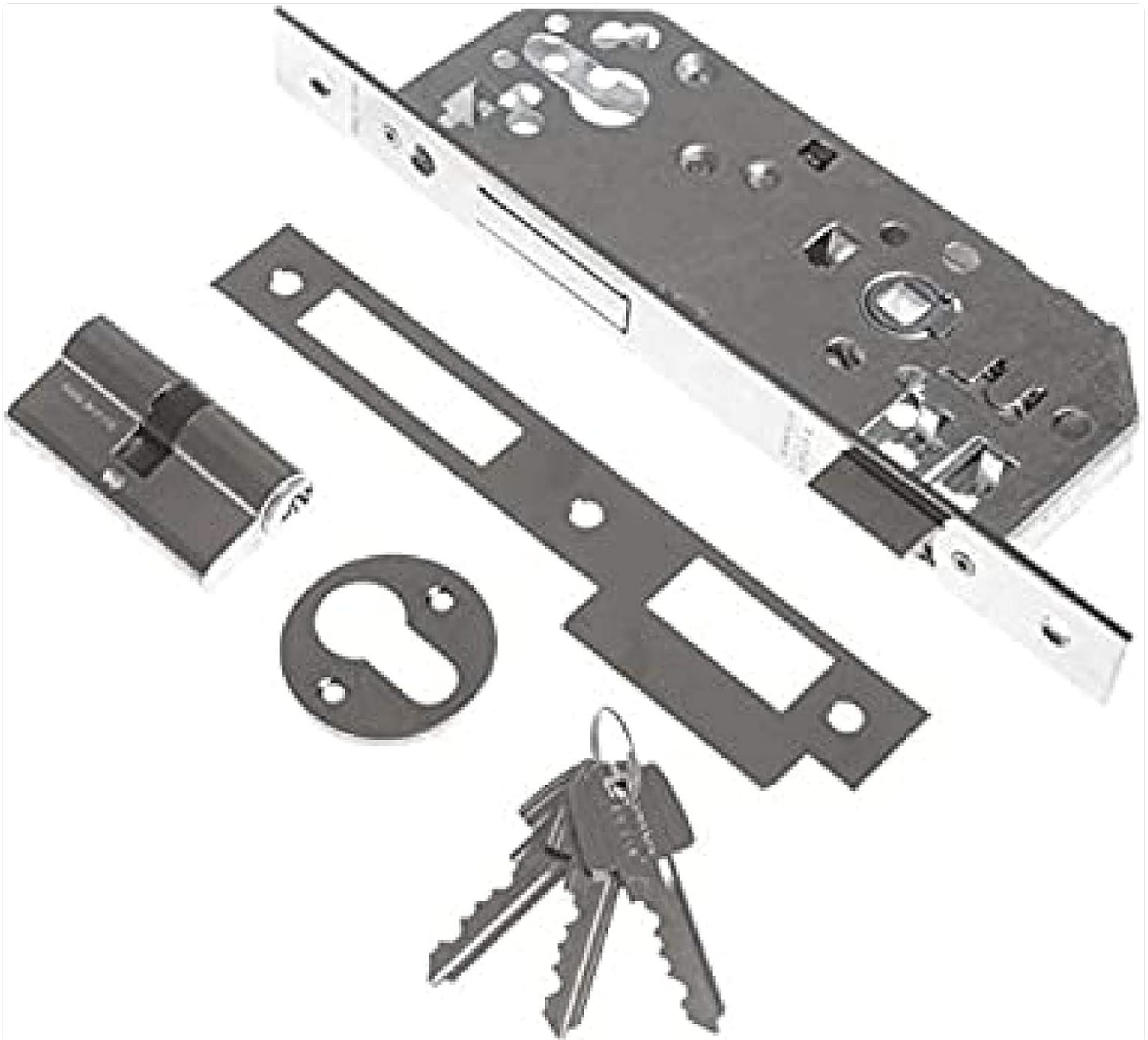


Figure 1: Included components of the Tesa Assa Abloy Series 2030 Mortice Lock. This image displays the main lock body, the Euro profile cylinder, three keys, and the strike plate, which are all part of the standard package.

INSTALLATION GUIDE

The Tesa Assa Abloy Series 2030 Mortice Lock is designed for wooden doors. Ensure the door thickness and existing mortice cut-out are compatible with the lock's dimensions (Entrada 70 mm for this model).

Tools Required:

- Drill
- Wood chisels
- Screwdriver (Phillips head)
- Measuring tape and pencil

- Hammer

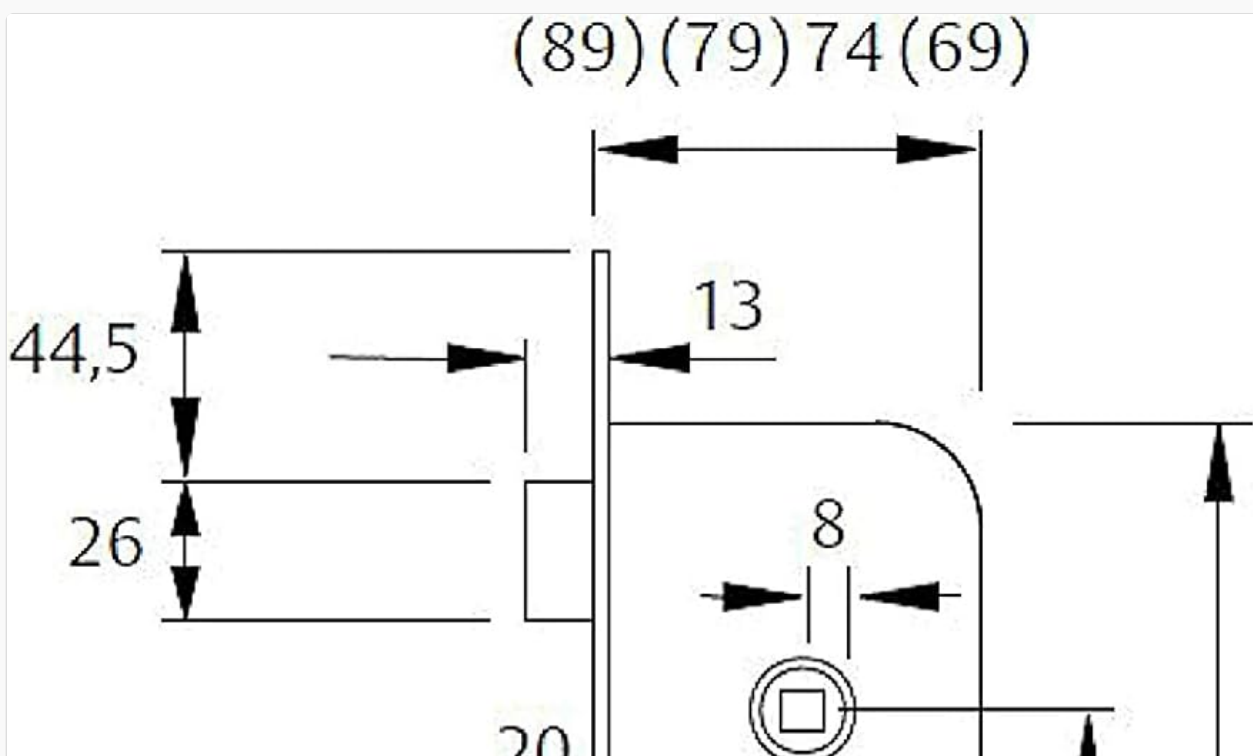
Installation Steps:

1. **Prepare the Door:** If not already present, mark and cut the mortice pocket in the door edge according to the lock body dimensions. Ensure the backset (Entrada) of 70 mm is accurately measured from the door edge to the center of the spindle hole.
2. **Install the Lock Body:** Insert the mortice lock body into the prepared pocket in the door edge. Secure it with the provided screws through the faceplate.
3. **Install the Spindle and Handles (not included):** Insert the spindle through the square hole in the lock body. Attach the door handles (not supplied) to the spindle, ensuring they operate the latch bolt smoothly.
4. **Install the Cylinder:** Insert the Euro profile cylinder into the designated opening in the lock body. Secure the cylinder with the long retaining screw through the door edge, passing through the lock body and into the cylinder.
5. **Test Operation:** Before installing the strike plate, test the lock's operation.
 - Turn the key to ensure the deadbolt extends and retracts smoothly (2 turns for full extension).
 - Operate the handles to ensure the latch bolt retracts freely.
6. **Install the Strike Plate:** Close the door and mark the position of the latch and deadbolt on the door frame. Chisel out recesses for the latch and deadbolt, and then secure the strike plate to the door frame with screws. Ensure the latch and deadbolt engage smoothly without binding.





Figure 2: The Tesa Assa Abloy Series 2030 Mortice Lock. This image highlights the mortice lock body, including the latch bolt, deadbolt, and the opening for the Euro profile cylinder, which are key components for installation.



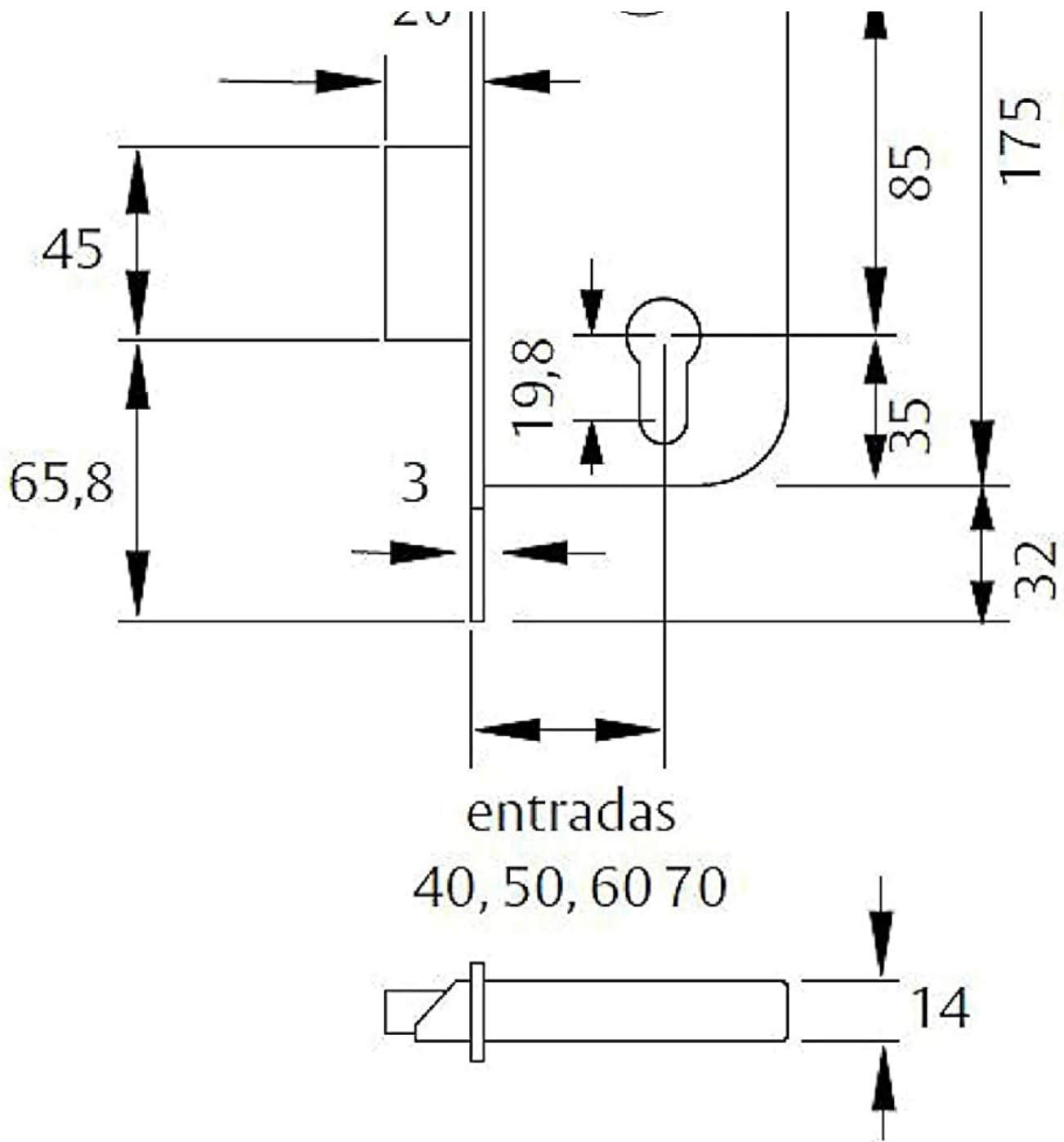


Figure 3: Technical dimensions of the Tesa Assa Abloy Mortise Lock. This diagram provides critical measurements such as backset (Entrada), axle spacing (85 mm), and overall lock body dimensions, essential for accurate door preparation and installation.

OPERATING INSTRUCTIONS

Locking and Unlocking with Key:

- **To Lock:** Insert the key into the cylinder and turn it clockwise. The deadbolt will extend. For full security, turn the key two complete turns until the deadbolt is fully extended. Remove the key.
- **To Unlock:** Insert the key into the cylinder and turn it counter-clockwise. The deadbolt will retract. Turn the key until the deadbolt is fully retracted. Remove the key.

Operating the Latch Bolt:

- The latch bolt is operated by the door handles (not included). Simply depress the handle to retract the latch bolt and open the door. Release the handle to allow the latch bolt to extend and secure the door in the closed

position.

- The cylinder also actuates the lever and the pusher, allowing for entry function with the key.

MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your Tesa Assa Abloy Mortice Lock.

- **Cleaning:** Wipe the visible parts of the lock (faceplate, cylinder, keys) with a soft, damp cloth. Avoid abrasive cleaners or solvents, as they can damage the finish.
- **Lubrication:** Periodically (e.g., once a year), apply a small amount of graphite powder or a specialized lock lubricant into the keyway of the cylinder. Do not use oil-based lubricants, as they can attract dirt and cause clogging.
- **Inspection:** Check all screws and fasteners periodically to ensure they are tight. If any part feels loose or worn, tighten or replace it as necessary.
- **Key Care:** Do not use bent or damaged keys, as this can damage the cylinder mechanism.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Key is difficult to turn or sticky.	Lack of lubrication, dirt in cylinder, bent key.	Apply graphite lubricant to keyway. Clean key. Replace bent key.
Deadbolt does not extend fully.	Misalignment with strike plate, obstruction, worn mechanism.	Adjust strike plate. Check for obstructions in the frame. If mechanism is worn, professional repair or replacement may be needed.
Latch bolt does not retract smoothly.	Misalignment with strike plate, loose handles, internal mechanism issue.	Check and tighten handle screws. Adjust strike plate. Lubricate latch mechanism if accessible.
Lock feels loose in the door.	Loose mounting screws.	Tighten all visible mounting screws on the faceplate and cylinder.

SPECIFICATIONS

Feature	Detail
Brand	Tesa Assa Abloy
Model Name	Series 2030
Part Number	20307RNE

Feature	Detail
Lock Type	Mortice Lock (Levers and pushers)
Special Feature	Monopod security lock for doors
Material	Alloy Steel
Color	Black
Size	Entrada 70 mm / Frente Redondo
Product Dimensions (L x W x H)	11.81 x 4.72 x 1.18 inches
Item Weight	2.2 pounds (1 Kilogram)
Recommended Use	For Wooden Entrance Doors
Finish Type	Painted
Included Components	Lock, Cylinder with keys, Fasteners
Batteries Required?	No

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Tesa Assa Abloy Series 2030 Mortice Lock, please refer to the official Tesa Assa Abloy website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Online Resources: Visit the official Tesa Assa Abloy website for FAQs, additional product documentation, and contact information.

Customer Service: Refer to the contact details provided on the product packaging or the manufacturer's website for direct assistance.

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This manual is for informational purposes only. Product specifications are subject to change without notice.