

ABUS 09405

ABUS RHZS415 B7 SB 09405 Lock Rosette with Cylinder Protection User Manual

Model: 09405 | Brand: ABUS

1. INTRODUCTION AND PRODUCT OVERVIEW

The ABUS RHZS415 B7 SB 09405 Lock Rosette is a security component designed to protect door cylinders on wooden doors. This rosette provides enhanced resistance against common methods of forced entry, such as snapping, pulling, and drilling of the cylinder. It is suitable for wooden doors with a thickness exceeding 60 mm.

This manual provides comprehensive instructions for the proper installation, general operation, and maintenance of your ABUS lock rosette to ensure optimal performance and security.



Figure 1.1: Front view of the ABUS RHZS415 Lock Rosette. This image shows the dark brown, round rosette with the keyhole opening in the center, designed to cover and protect a door cylinder.

2. PRODUCT FEATURES

- **Cylinder Protection:** Designed to protect the existing door cylinder from snapping, a common method of forced entry.
- **Pull and Drill Resistance:** Features special steel construction that safeguards the cylinder against pulling and drilling attempts.
- **Compatibility:** Suitable for installation on wooden doors with a minimum thickness of 60 mm.
- **Durable Material:** Constructed from alloy steel for robust security and longevity.
- **Modern Design:** Round shape with a polished dark brown finish to complement various door styles.



Figure 2.1: ABUS Security Level indicator. This product is rated at security level 7, indicating a high degree of protection against various attack methods.

3. INSTALLATION INSTRUCTIONS

Proper installation is crucial for the effective security provided by the ABUS RHZS415 Lock Rosette. Ensure you have the necessary tools before beginning.

3.1 Required Tools and Materials

- Screwdriver (appropriate type for mounting screws)
- Measuring tape or ruler
- Pencil (for marking)
- Drill (if new holes are required)
- The ABUS RHZS415 Lock Rosette and included mounting hardware.

3.2 Pre-Installation Check

1. Verify that your wooden door has a thickness greater than 60 mm.
2. Ensure the existing door cylinder is correctly installed and functions properly. The rosette is an add-on protection, not a replacement for the cylinder itself.
3. Familiarize yourself with the dimensions of the rosette as shown in Figure 3.1 to ensure compatibility with your door and existing lock mechanism.

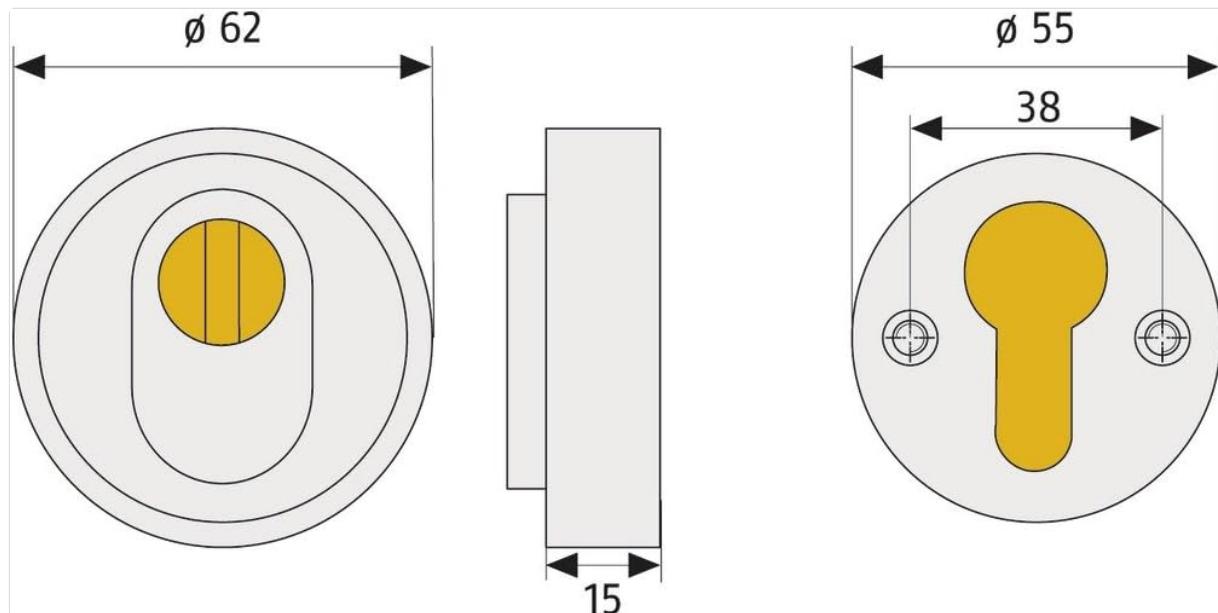


Figure 3.1: Dimensional diagram of the ABUS RHZS415 Lock Rosette. This diagram illustrates key measurements including an outer diameter of 62mm, an inner diameter of 55mm, and a thickness of 15mm, along with screw hole placements for precise installation.

3.3 Installation Steps

1. **Positioning:** Carefully align the lock rosette over the existing door cylinder, ensuring the keyhole opening of the rosette perfectly matches the cylinder's keyway. The rosette should sit flush against the door surface.
2. **Marking Screw Holes:** Using a pencil, mark the positions for the mounting screws through the designated holes on the rosette. Refer to Figure 3.1 for screw hole locations.
3. **Drilling Pilot Holes (if necessary):** If your door does not have pre-drilled holes or if the existing holes do not align, carefully drill pilot holes at the marked positions. Ensure the drill bit size is appropriate for the mounting screws to prevent splitting the wood.
4. **Securing the Rosette:** Place the rosette back into position. Insert the provided mounting screws into the holes and tighten them securely. Do not overtighten, as this can damage the door or the rosette.
5. **Final Check:** After installation, test the door lock and cylinder operation to ensure that the rosette does

not impede the key's movement or the locking mechanism. The cylinder should turn smoothly.



Figure 3.2: Angled view of the ABUS RHZS415 Lock Rosette. This perspective highlights the depth and robust construction of the rosette, designed for effective cylinder protection.

4. OPERATING INSTRUCTIONS

The ABUS RHZS415 Lock Rosette is a passive security component. Its primary function is to provide physical protection to the door cylinder. There are no active operational steps required for the rosette itself.

- Once installed, the rosette continuously protects the cylinder from external attacks.
- Continue to operate your door lock and cylinder as normal using your key. The rosette should not interfere with the smooth insertion or turning of the key.

5. MAINTENANCE

Regular, simple maintenance will help preserve the appearance and integrity of your lock rosette.

- **Cleaning:** Wipe the surface of the rosette periodically with a soft, damp cloth to remove dust and grime. Avoid using abrasive cleaners or solvents, as these can damage the finish.
- **Inspection:** Occasionally check the mounting screws to ensure they remain tight. If any screws feel

loose, gently tighten them. Do not overtighten.

- **Damage Check:** Inspect the rosette for any signs of damage, such as dents, scratches, or deformation. Significant damage may compromise its protective capabilities, and replacement may be necessary.

6. TROUBLESHOOTING

If you encounter any issues after installing the ABUS RHZS415 Lock Rosette, refer to the following common problems and solutions:

- **Issue:** Key is difficult to insert or turn after rosette installation.

Solution: The rosette might be misaligned or overtightened, causing pressure on the cylinder. Loosen the mounting screws slightly and readjust the rosette's position to ensure it is perfectly centered around the cylinder's keyway. Retighten screws carefully.

- **Issue:** Rosette feels loose or wobbly on the door.

Solution: The mounting screws may not be sufficiently tightened, or the pilot holes might be too large. Ensure screws are snug. If holes are too large, consider using slightly larger screws or appropriate wall anchors (for wooden doors, this usually means wood filler and redrilling).

- **Issue:** Visible gap between the rosette and the door surface.

Solution: Ensure the door surface is flat and free of obstructions where the rosette is installed. Check if the cylinder itself is protruding too far or not far enough, which might prevent the rosette from sitting flush. The rosette is designed for doors over 60mm thick; ensure your door meets this requirement.

7. SPECIFICATIONS

| Attribute | Detail |
|--------------------|-------------------------------------|
| Brand | ABUS |
| Model Number | 09405 |
| Material | Alloy Steel |
| Color | Brown |
| Shape | Round |
| Special Feature | Key Unlock, Cylinder Protection |
| Item Weight | 0.19 Kilograms (approx. 6.7 ounces) |
| Package Dimensions | 7.28 x 3.62 x 1.85 inches |
| Finish Type | Polished |
| Country of Origin | Germany |



Figure 7.1: "Made in Germany" emblem, indicating the product's origin and manufacturing standards.

8. WARRANTY AND SUPPORT

ABUS products are manufactured to high-quality standards. While specific warranty details are not provided in this manual, ABUS typically offers a manufacturer's warranty against defects in materials and workmanship.

For warranty claims, technical support, or further assistance, please contact ABUS customer service or visit the official ABUS website. Keep your proof of purchase for any warranty-related inquiries.

You can find more information and contact details on the official ABUS website:www.abus.com