

AceMining LockCylinder001

AceMining 30/35mm Door Lock Cylinder User Manual

Model: LockCylinder001

Brand: AceMining

1. INTRODUCTION

Thank you for choosing the AceMining 30/35mm Door Lock Cylinder. This manual provides essential information for the correct installation, operation, and maintenance of your new lock cylinder. Please read these instructions carefully before installation and retain them for future reference.

Package Contents:

- 1 x AceMining Door Lock Cylinder (30/35mm, 65mm total length)
- 3 x Keys
- 1 x M5x65mm Fixing Screw
- 1 x User Manual

2. SAFETY INFORMATION

This lock cylinder is designed with high security features including anti-picking, anti-drilling, anti-shock, and anti-bumping mechanisms to deter unauthorized access. For optimal security and functionality, ensure the correct cylinder size is selected for your door. Incorrect sizing can compromise security and operation.

Important Considerations:

- Always verify the cylinder dimensions before purchase and installation.
- Ensure the door and frame are in good condition to support the lock's security features.

- Do not attempt to modify the lock cylinder, as this may void the warranty and compromise security.

3. PRODUCT OVERVIEW AND FEATURES

The AceMining door lock cylinder is engineered for robust security and durability, suitable for various door types.

Key Features:

- **High Security Standards:** Features a unique slot design to prevent key copying and offers protection against unauthorized access with a probability of opening less than 0.01%.
- **Robust Brass Construction:** Made from durable H59 brass with a nickel-plated surface, ensuring resistance to wear, corrosion, and rust. The six-pin single-column design enhances longevity.
- **Tested Durability:** Withstands over 200,000 mechanical test cycles, guaranteeing smooth and uninterrupted operation without blockages.
- **Anti-Theft Design:** Integrated design effectively prevents violent unlocking attempts.
- **Versatile Application:** Seamlessly integrates into various door types, including wooden doors, aluminum doors, pivot doors, interior doors, and anti-theft doors.

MATERIALE IN OTTONE H59 DI ALTA QUALITÀ CON SUPERFICIE NICHELATA

Durevole e robusto, resistente all'usura, alla corrosione e alla ruggine.

Durezza HRB50~70 puleggia

Ridurre il coefficiente di attrito tra le superfici del materiale, prolungare la durata e aumentare l'affidabilità.



Progettazione integrata

Impedire efficacemente lo sblocco violento.

Nichelatura superficiale

Resisti alla corrosione atmosferica, migliora la resistenza all'usura e mantiene la lucentezza metallica per lungo tempo.



Image: Detailed view of the AceMining lock cylinder, highlighting its H59 brass material and nickel-plated surface for enhanced durability and corrosion resistance. The internal structure is designed for robust security.

DARE UN SENSO DI SICUREZZA E IMPEDIRE CHE LA PORTA SI APRA

Quando una chiave è inserita nella porta della stanza, non può essere utilizzata per sbloccare la porta dall'esterno.



Fornire protezione contro accessi o manipolazioni non autorizzate e fornire sicurezza e sicurezza robuste.

Image: Illustration of the lock cylinder's security features, demonstrating its ability to prevent unauthorized access and manipulation, providing a strong sense of security.

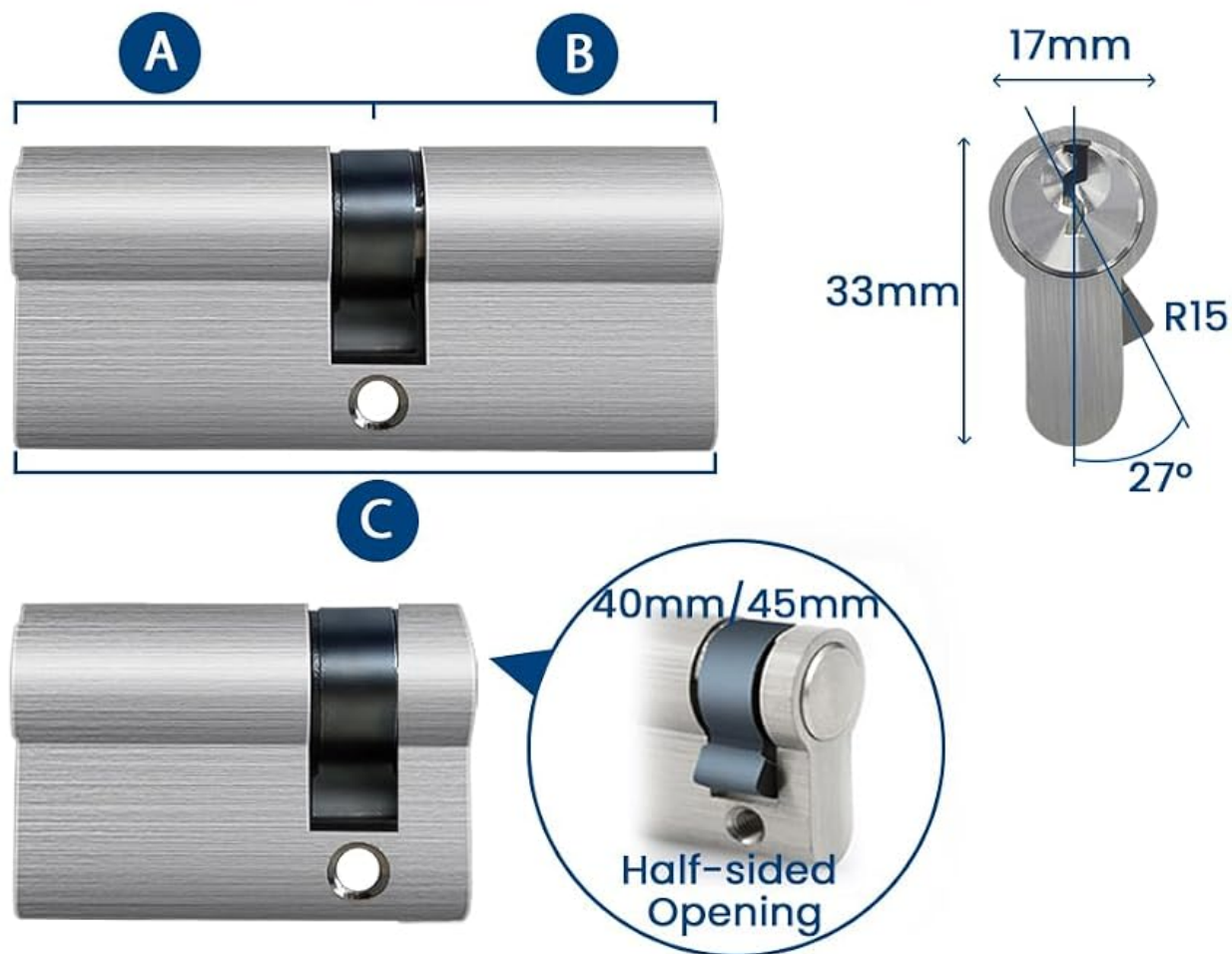
4. SETUP AND INSTALLATION

The AceMining lock cylinder is designed for quick and easy installation. Follow these steps carefully.

4.1. Measuring Your Existing Cylinder

Before installation, it is crucial to measure your existing lock cylinder to ensure you have the correct replacement size. The cylinder length is measured from the center of the fixing screw hole to each end of the cylinder (A and B). The total length (C) is the sum of A and B.

PLEASE CHECK THE SIZE, BUY THE CORRECT SIZE!
BITTE ÜBERPRÜFEN SIE DIE GRÖSSE,
KAUFEN SIE DIE RICHTIGE GRÖSSE!



A	B	C	NOTE
10mm	30mm	40mm	half
10mm	35mm	45mm	half
30mm	30mm	60mm	double
30mm	35mm	65mm	double
30mm	40mm	70mm	double

35mm	35mm	70mm	double
40mm	40mm	80mm	double
40mm	50mm	90mm	double
50mm	50mm	100mm	double

Image: Guide on how to measure a door lock cylinder. Measure from the center of the screw hole (D) to the outer edge of each side (A and B). The total length is C. Alternatively, measure the old lock cylinder directly.

Determina la dimensione del cilindro

1. Misura taglia **A**.
2. Misurare le dimensioni di **B** e **C** separatamente.
(**D** è il luogo di installazione della vite)

3. In alternativa, misurare direttamente la dimensione del vecchio cilindro della serratura.

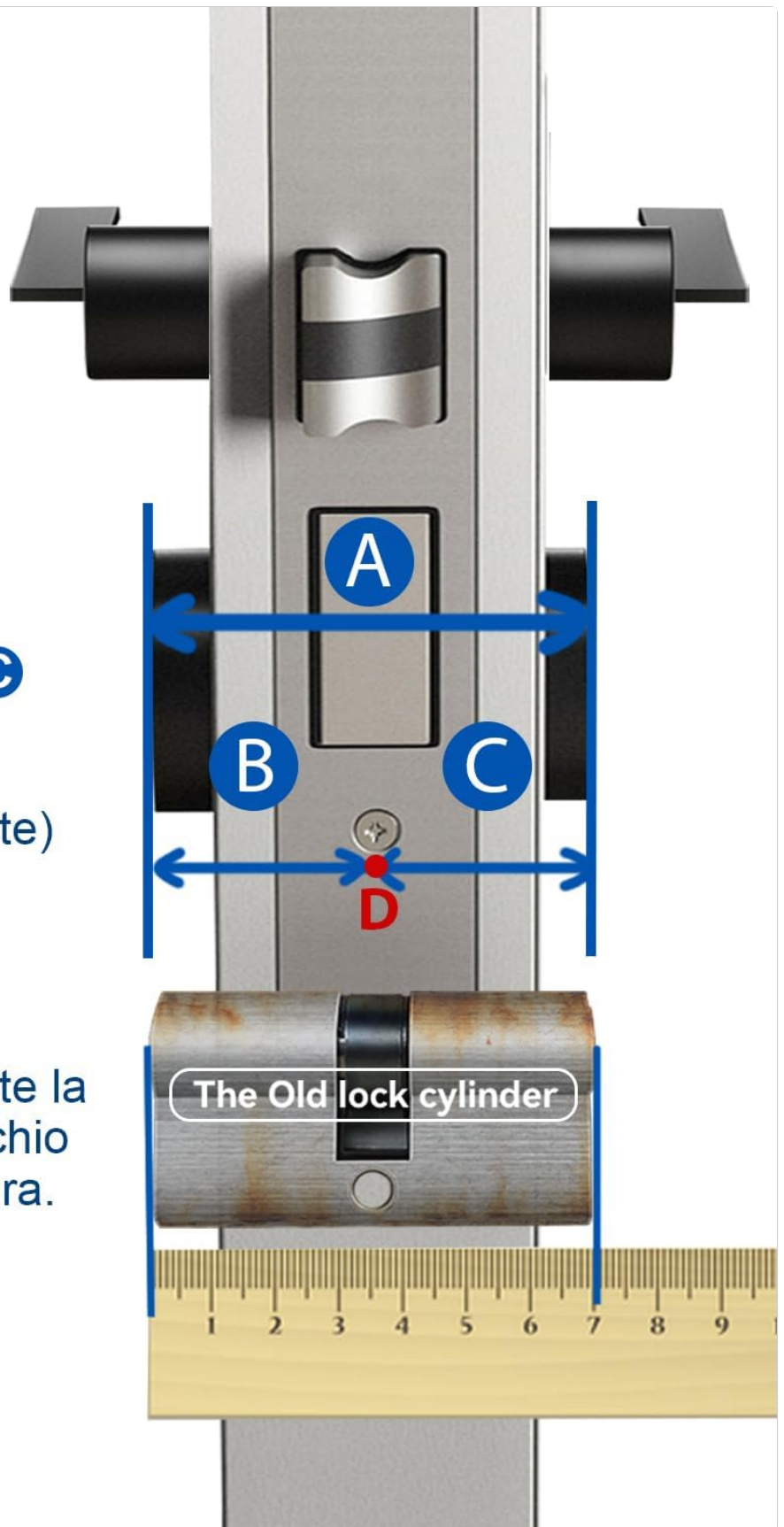


Image: A table illustrating various lock cylinder dimensions (A, B, C) and their corresponding types (half or double cylinder). This helps in selecting the correct size.

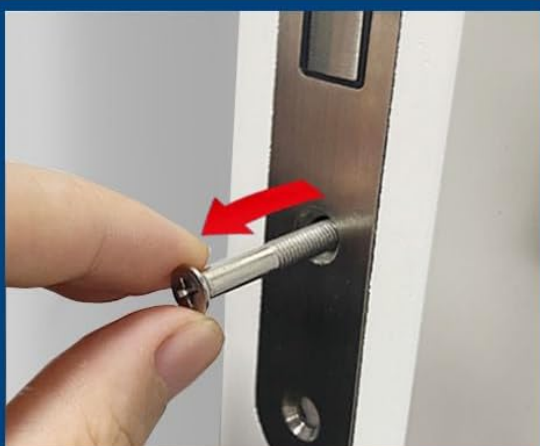
4.2. Installation Steps

1. **Remove Old Screws:** Locate and remove the fixing screw on the side of the door that holds the old cylinder in place.
2. **Remove Old Cylinder:** Insert a key into the old cylinder and turn it slightly (approximately 15-20 degrees) to align

the cam with the cylinder body. This allows the cylinder to slide out of the door.

3. **Insert New Cylinder:** Insert a key into the new AceMining cylinder. Turn the key slightly to align the cam. Slide the new cylinder into the door, ensuring it is flush with the door edge.
4. **Secure New Cylinder:** Re-insert the M5x65mm fixing screw and tighten it securely. Do not overtighten.
5. **Test Operation:** Rotate the key from both sides of the door to verify smooth operation and proper locking/unlocking.
6. **Installation Complete:** Your new lock cylinder is now installed.

Installazione rapida



1. Rimuovere le vecchie viti.



2. Rimuovere il vecchio cilindro della serratura.



3. Ruotare la chiave e installare.



4. Stringere le viti.



5. Ruotare il tasto per verificare se funziona.



6. Installazione completata.

Image: A visual guide demonstrating the six quick steps for installing the lock cylinder, from removing the old screw to testing the new lock.

INSTALLAZIONE SENZA SOLUZIONE DI CONTINUITÀ IN DIVERSI TIPI DI PORTE E FINESTRE



Porte di legno



Porte in lega di alluminio



Porte in vetro



Porte interne



Porte antifurto, ecc.

Image: Examples of seamless installation across different door types, such as wooden doors, aluminum doors, glass doors, and interior doors, showcasing the cylinder's versatility.

5. OPERATING INSTRUCTIONS

Operating the AceMining lock cylinder is straightforward:

- Insert one of the provided keys into the keyway.
- Turn the key clockwise to lock the door and counter-clockwise to unlock it.
- This cylinder supports locking from both sides, meaning a key can be used from either the interior or exterior to operate the lock.

6. MAINTENANCE

The AceMining lock cylinder is designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Periodically wipe the visible parts of the cylinder with a soft, dry cloth to remove dust and grime. Avoid abrasive cleaners or solvents.
- **Lubrication:** If the key turning feels stiff over time, apply a small amount of graphite-based lubricant or a specialized lock lubricant into the keyway. Avoid oil-based lubricants as they can attract dust.
- **Key Care:** Keep your keys clean and avoid using them for purposes other than operating the lock. Damaged keys can harm the cylinder mechanism.

7. TROUBLESHOOTING

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

- **Key is Stiff or Hard to Turn:**
 - Ensure the key is fully inserted into the keyway.
 - Check if the key is bent or damaged. Try another key.
 - Apply a small amount of lock lubricant as described in the Maintenance section.
- **Cylinder Does Not Lock/Unlock:**
 - Verify that the door is properly closed and aligned with the frame.
 - Check for any obstructions in the door frame or strike plate.
 - Ensure the fixing screw is not overtightened, which can cause binding. Loosen slightly and re-test.
- **Cylinder Feels Loose:**
 - Tighten the M5x65mm fixing screw.

If problems persist after attempting these solutions, please contact AceMining customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	LockCylinder001
Dimensions (L x W x H)	6 x 8 x 2 cm (Cylinder length: 65mm, 30/35mm split)
Weight	200 grams
Material	H59 Brass, Nickel-plated surface
Lock Type	Mortise Lock Cylinder
Special Features	Anti-drill, Anti-pick, Anti-shock, Anti-bumping
Number of Keys	3
Included Components	Lock cylinder, 3 keys, 1 fixing screw, user manual

Resistente oltre 200000 cicli di prova meccanici

Il funzionamento regolare e regolare senza blocchi o malfunzionamenti aumenta l'affidabilità del nucleo della serratura della porta e lo rende resistente al prelievo o alla manipolazione.

Materiale: ottone

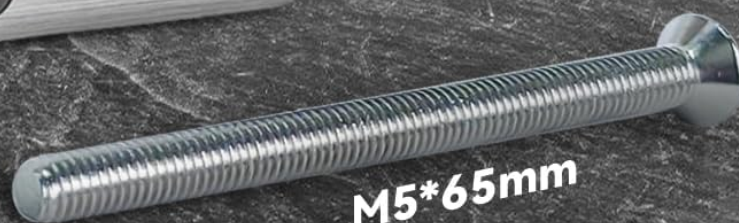
Durezza superiore al ferro.

Superficie: nichelato

Non e' facile arrugginire.



Il cilindro della serratura è dotato di viti in ferro M5 * 65mm e tre chiavi.



M5*65mm

Image: The AceMining lock cylinder, accompanied by three keys and the M5x65mm fixing screw, highlighting the components included in the package.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact AceMining customer service directly through their official website or the retailer where the product was purchased. Please have your model number (LockCylinder001) and purchase date available when contacting support.

© 2026 AceMining. All rights reserved.

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