

ABUS Bravus.2000

ABUS Bravus. 2000 Security Double Cylinder Instruction Manual

1. INTRODUCTION AND OVERVIEW

The ABUS Bravus. 2000 is a high-security reversible key system designed for reliable door locking. It features advanced copy protection and an emergency function, ensuring security and convenience for various applications. This manual provides essential information for the proper installation, operation, and maintenance of your ABUS Bravus. 2000 double cylinder.



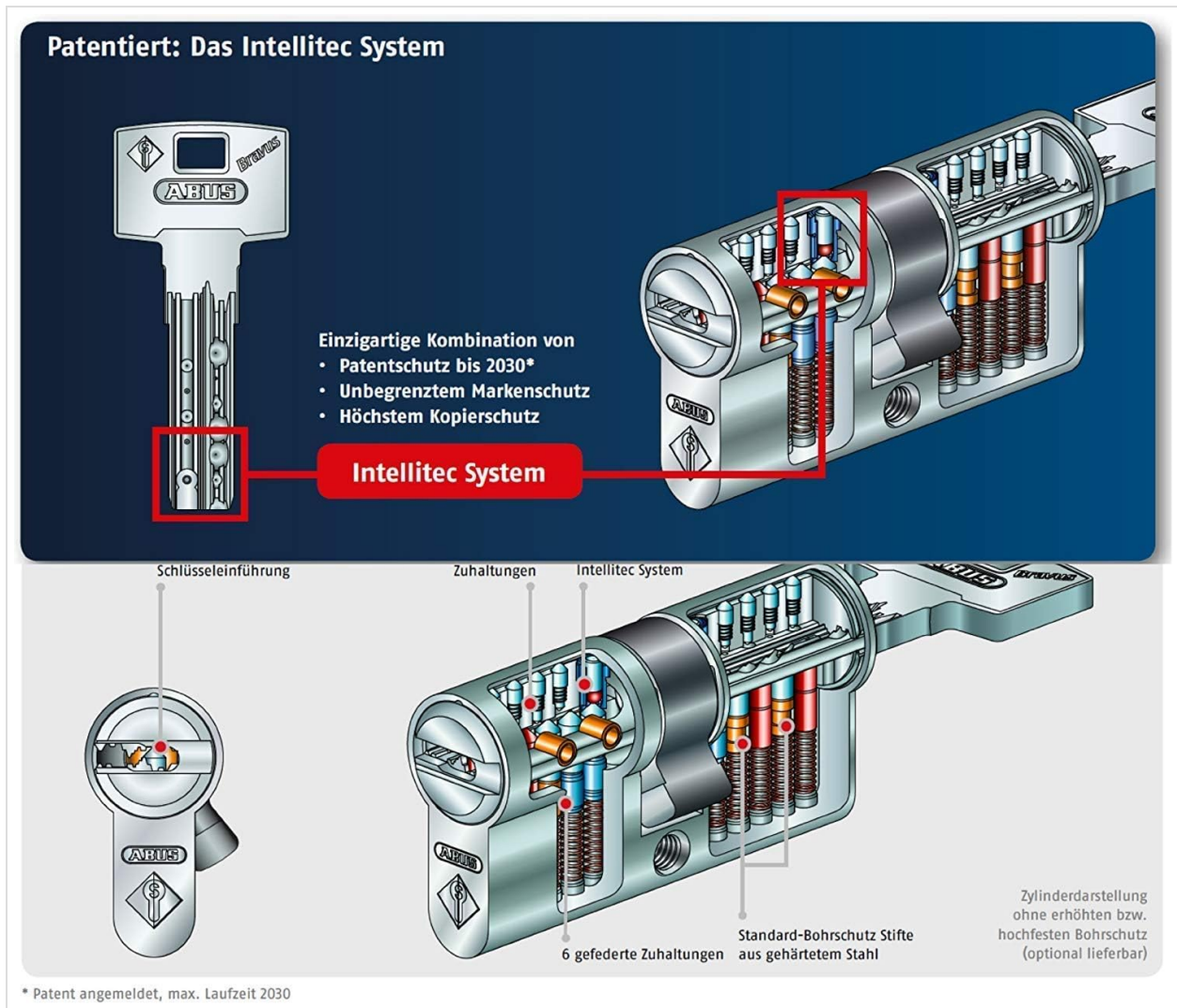
This image displays the ABUS Bravus. 2000 double cylinder lock, five nickel silver keys, and the associated security card. The cylinder is shown in a nickel finish.

2. PRODUCT FEATURES

The ABUS Bravus. 2000 double cylinder offers a range of advanced security and convenience features:

- **Double Cylinder Design:** Available in various lengths, such as 50.5/50.5 mm, resulting in a total length of 101 mm.
- **Security Card and Copy Protection:** Includes a security card for controlled key duplication, providing legal copy protection until 2030 and unlimited brand protection.
- **Advanced Key Check:** Features a key check mechanism across 10 active pins on 2 levels for enhanced security.
- **Nickel Silver Keys:** Supplied with 5 durable nickel silver keys. Additional keys can be ordered using the security card.

- **Emergency Function:** Allows the cylinder to be operated from the outside even if a key is inserted on the inside, ensuring access in critical situations.
- **Intellitec System:** Provides maximum safety against illegal key copying due to its patented design and high resistance against intelligent opening methods like picking or impact spanners.



A detailed diagram showing the internal mechanism of the ABUS Bravus. 2000 cylinder and key. It highlights the Intellitec System, which provides advanced security against unauthorized key duplication and manipulation, featuring 10 active pin elements on 2 levels.

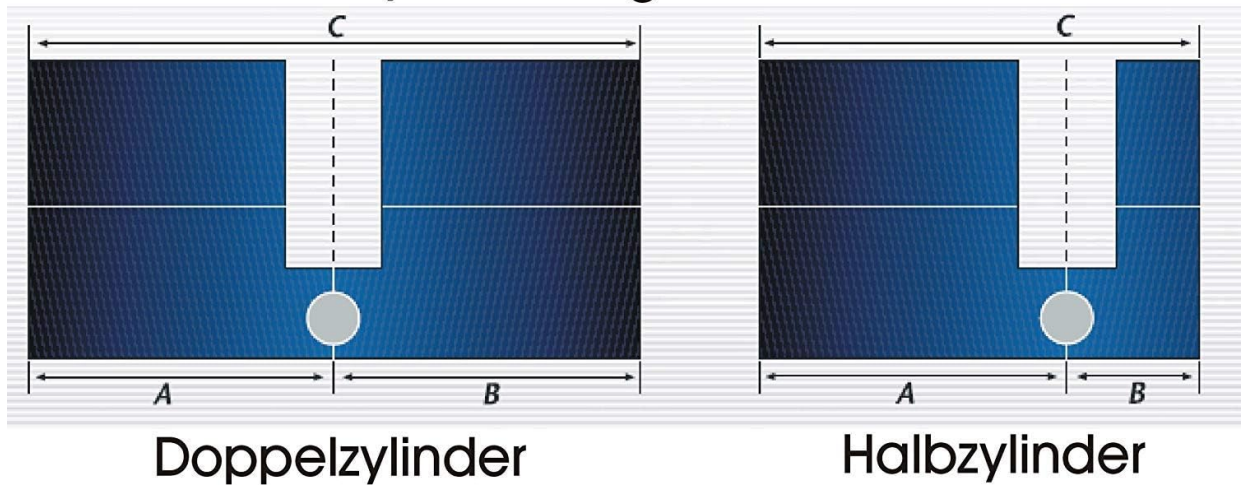
3. SETUP AND INSTALLATION

3.1. Determining Cylinder Length

Accurate measurement of your existing cylinder is crucial for selecting the correct replacement. Follow these steps:

1. Open your door and locate the cylinder mounting screw on the side of the door, typically below the latch.
2. Measure from the **center** of this screw hole to the **outer edge** of the cylinder (dimension A).
3. Measure from the **center** of the screw hole to the **inner edge** of the cylinder (dimension B).
4. The sum of these two measurements (A + B) gives you the total length (C) of the cylinder.

Zylinderlänge messen



This diagram illustrates the method for accurately measuring the length of a door cylinder. It shows how to measure from the center of the mounting screw hole to each end (A and B) for both double cylinders and half cylinders, with 'C' representing the total length.

3.2. Installation Steps

Once the correct cylinder length is determined, proceed with installation:

1. Remove the existing cylinder by unscrewing the mounting screw on the side of the door. Insert a key into the existing cylinder and turn it slightly to align the cam, allowing the cylinder to slide out.
2. Insert the new ABUS Bravus. 2000 cylinder into the door, ensuring the cam is aligned correctly.
3. Secure the new cylinder by re-inserting and tightening the mounting screw. Do not overtighten.
4. Test the cylinder's operation from both sides using the provided keys to ensure smooth locking and unlocking.

4. OPERATION

4.1. Key Usage

Insert the ABUS Bravus. 2000 key horizontally into the keyway. The reversible key design allows for easy insertion regardless of orientation. Turn the key to lock or unlock the door. Ensure the key is fully inserted before turning.

4.2. Emergency and Danger Function

The ABUS Bravus. 2000 cylinder is equipped with an emergency and danger function. This feature allows the cylinder to be operated and unlocked from the outside, even if a key is already inserted on the inside. This is particularly useful in emergency situations or if a key is accidentally left in the lock from the interior.

4.3. Key Duplication

For security reasons, additional keys for your ABUS Bravus. 2000 cylinder can only be duplicated upon presentation of the original security card. This card ensures that only authorized individuals can obtain copies of your keys, maintaining the integrity of your security system. Keep your security card in a safe place.

4.4. Integration with Electronic Systems

The ABUS Bravus. 2000 system can be combined with ABUS Combi Cap and proximity chips, and can also be retrofitted with ABUS Seccor Electronic Lock Cylinders and studs. This allows for future expansion into

electronic access control systems, offering flexibility for both private homes and business applications.

Keine Chance für „illegale“ Schlüsselkopien

Die Schlüssel vieler marktüblicher Schließsysteme bieten keinen ausreichenden Schutz vor unberechtigten Schlüsselkopien. Sie können mit handelsüblichen Schlüsselkopierautomaten oft innerhalb weniger Minuten kopiert werden. Das Ergebnis ist ein identischer Schlüssel mit der gleichen Schließberechtigung. Illegale Schlüsselkopien bergen ein enormes Sicherheitsrisiko, denn ihre Spuren sind nicht nachzuverfolgen. Der Eigentümer der Schließanlage verliert damit den Überblick, wie viele Schlüssel zur Schließanlage im Umlauf sind und welche Personen sich Zutritt zum Gebäude verschaffen können.

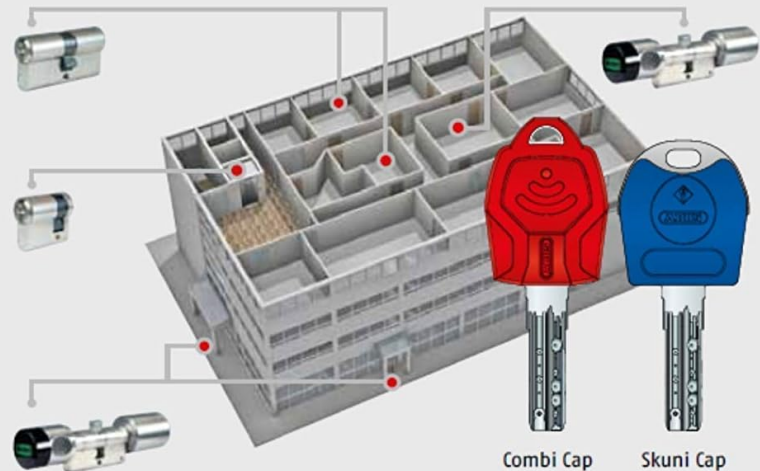
Sicherer Schutz dank Intellitec System

Das System Bravus.3000 vereint einen rechtlichen Kopierschutz mit einem extrem hohen technischen Kopierschutz und garantiert damit sicheren Schutz vor illegalen Schlüsselkopien. Bravus.3000 ist mit dem Intellitec System, einer neuentwickelten Prüfeinheit am Schlüssel und im Zylinder, ausgestattet. Das Intellitec System bietet eine einzigartige Kombination von Patentschutz bis 2030*, unbegrenztem Markenschutz und höchstem technischen Kopierschutz. Die mehrdimensionale Abfrage des Intellitec Systems verhindert den Schließvorgang mit einem nicht berechtigten Schlüssel.

Kombination mit Elektronik

Mit der Entscheidung für das Schließsystem Bravus.3000 behalten Sie sich alle Optionen für eine spätere Erweiterung der Schließanlage um elektronische Komponenten offen.

- Einfache Nachrüstung des Mechanikschlüssels mit der Combi Cap bzw. der Skuni Cap
- Zukunftssichere Investitionen dank Erweiterbarkeit und Nachrüstbarkeit von Mechanik und Elektronik
- Integration von elektronischen Systemen möglich wie z.B. Zutrittskontrollsysteme, Alarmanlagen oder Abrechnungs- und Zeiterfassungsterminals



An illustrative diagram demonstrating how the ABUS Bravus. 2000 mechanical locking system can be integrated with electronic components such as the ABUS Combi Cap and Skuni Cap. This allows for future expansion into electronic access control systems.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ABUS Bravus. 2000 cylinder, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the exterior of the cylinder and keys with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and internal mechanisms.
- **Lubrication:** If the key becomes difficult to insert or turn, apply a small amount of a specialized lock lubricant (e.g., graphite-based or silicone-free spray) directly into the keyway. Avoid using oil-based lubricants, which can attract dust and debris.
- **Key Care:** Avoid bending or damaging the keys. Store spare keys in a secure location.

6. TROUBLESHOOTING

If you encounter issues with your ABUS Bravus. 2000 cylinder, consider the following:

- **Key Difficult to Insert/Turn:** Ensure the key is fully inserted and oriented correctly. Check for any visible obstructions in the keyway. If the issue persists, apply a small amount of lock lubricant as described in the Maintenance section.
- **Cylinder Not Locking/Unlocking:** Verify that the door is properly closed and aligned with the frame.

Check if the mounting screw is too tight, which can sometimes impede cylinder operation.

- **Key Stuck:** Do not force a stuck key. Gently try to wiggle it while applying slight turning pressure. If it remains stuck, professional assistance may be required.

For persistent problems, it is recommended to contact a qualified locksmith or ABUS customer support.

7. SPECIFICATIONS

Brand	ABUS
Model	Bravus.2000
Lock Type	Key Lock
Material	Nickel
Special Features	Emergency Function, Copy Protection, Intellitec System
Included Components	5 Nickel Silver Keys, Security Card
Recommended Uses	Home, Office, Vehicle, Storage Units
UPC	610098152798
Part Number	Bravus2000G 50/50-5


8. WARRANTY AND SUPPORT




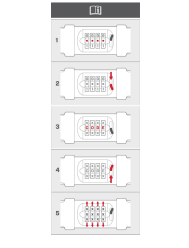
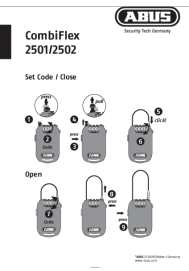
The ABUS Bravus. 2000 system is designed for durability and security. The keys are protected by legal copy protection until 2030 and unlimited brand protection, enforced by the requirement of the security card for duplication.

For any support inquiries, replacement parts, or to order additional keyed-alike Bravus cylinders, please contact ABUS directly. Ensure you have your security card and product model information readily available for verification.

For more information, visit the official ABUS website or contact their customer service department.

Related Documents - Bravus.2000

	<p>ABUS 10171551 Product Safety and Usage Instructions</p> <p>Essential safety guidelines and usage instructions for the ABUS 10171551 security hardware, covering general precautions, installation, and maintenance.</p>
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	<p>ABUS 6950AM Bicycle Frame Lock: Installation and User Manual</p> <p>Comprehensive guide for installing and using the ABUS 6950AM bicycle frame lock. Includes safety warnings, mounting instructions for different options, operation details, and warranty information.</p>
	<p>ABUS HomeTec Pro CFF3100 Bluetooth Remote Control - User Manual & Instructions</p> <p>Download the official user manual for the ABUS HomeTec Pro CFF3100 Bluetooth remote control. Get detailed instructions on setup, app integration, battery replacement, technical specifications, safety guidelines, warranty information, and disposal procedures.</p>
	<p>ABUS 770A SmartX Fahrradsschloss: Montage- und Bedienungsanleitung</p> <p>Umfassende Anleitung für das ABUS 770A SmartX Fahrradsschloss mit Alarmfunktion und SmartX-Technologie. Enthält detaillierte Informationen zur Installation, Bedienung, App-Integration und Sicherheitshinweise.</p>
	<p>ABUS U-Lock Combination Reset Guide</p> <p>Learn how to easily reset the combination on your ABUS U-Lock with this step-by-step visual guide. Includes instructions for setting a new personal code.</p>
	<p>ABUS CombiFlex 2501/2502 Combination Lock Instructions</p> <p>Step-by-step guide on how to set the combination code and operate the ABUS CombiFlex 2501/2502 cable lock for locking and unlocking.</p>