



Security Tech Germany

BRAVUS MX MAGNET
**HIGH-END-
SECURITY**

REVERSIBLE KEY SYSTEM



HIGH-END SECURITY

Bravus MX Magnet



HIGH-END SECURITY

The Bravus.3500 MX Magnet offers the highest level of security – thanks to the integrated magnet technology, SKG*** security certification as standard, technical copy protection, patent protection until 2037* and trademark protection.

The independent SKG testing institute has certified the Bravus MX magnetic Euro profile cylinders in the highest security class, SKG***. The security elements fitted as standard inside the magnetic cylinders ensure iron-clad security and provide protection against manipulation.

The magnetic cylinder also achieves the highest security level in the categories of lock security, durability, corrosion resistance, fire resistance and pick resistance.

The security card provides additional protection as this must be presented before additional cylinders and keys can be ordered.

* max. patent term to 2037

MAXIMUM COPY PROTECTION

Against illegal 3D key copying

HIGH-END KEY COPY PROTECTION

The intelligent magnet technology and the patented Intellitec system on the key and in the cylinder effectively prevent the lock from being operated using unauthorised keys. As a result, the Bravus MX Magnet provides reliable protection against illegal 3D key copies.

In recent times, 3D printers have evolved from a niche product into a major branch of industry. They can be used to produce three-dimensional components. Although this technology offers a wide range of exciting prospects for certain sectors, it also poses a certain amount of risks, as simple key profiles or key blanks can be illegally copied using a 3D printer.

Protect yourself and your home by ensuring that the locking system you purchase uses complex key profiles with multi-dimensional security features. The magnet in the Bravus MX Magnet key prevents copying via 3D printing thanks to its complex technical design. In addition, the locking process can only be completed if the key has the original magnet. The multi-dimensional Intellitec system provides further protection against 3D copies.



MAGNET TECHNOLOGY

Operation

ON THE KEY

Little magnet, big effect:
The magnet is attached to the narrow side of the key shaft. The door can only be opened when the magnet is present.

IN THE CYLINDER

When the key is inserted into the door, the control pin in the cylinder checks the magnets on the key. If all of the magnet characteristics are correct, the locking process is enabled. The Intellitec system also verifies locking authorisation.



SYSTEM BRAVUS MX MAGNET

In detail

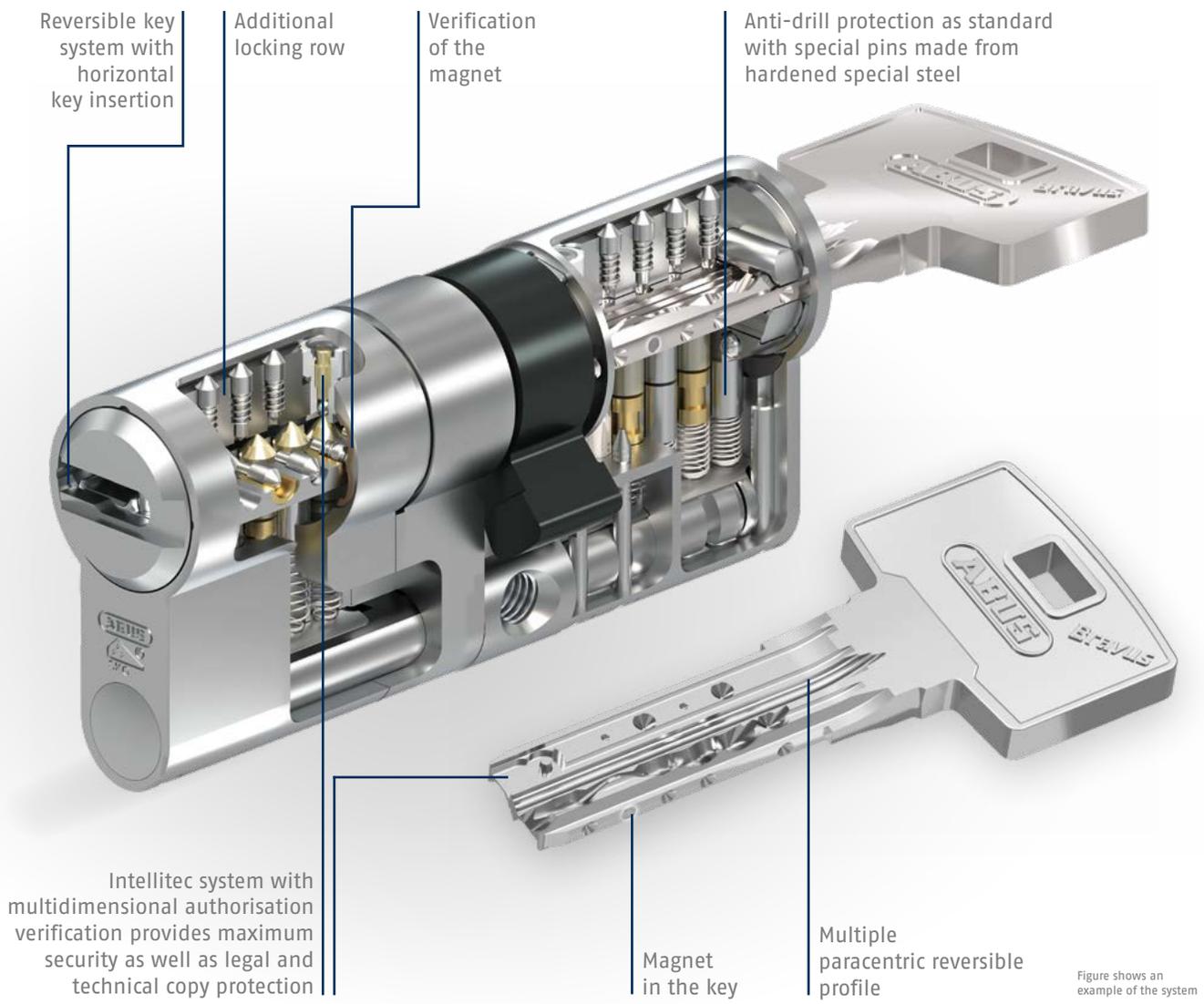
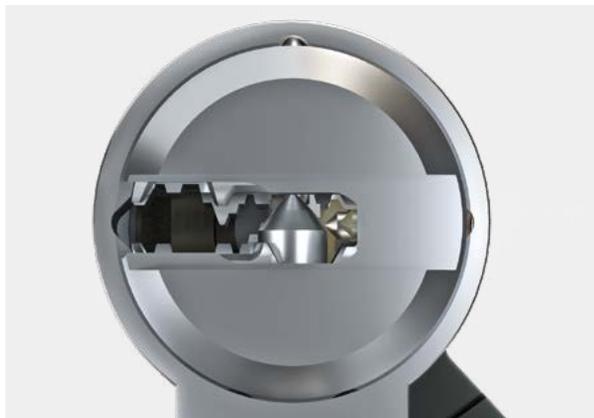


Figure shows an example of the system

SYSTEM BRAVUS MX MAGNET

In detail



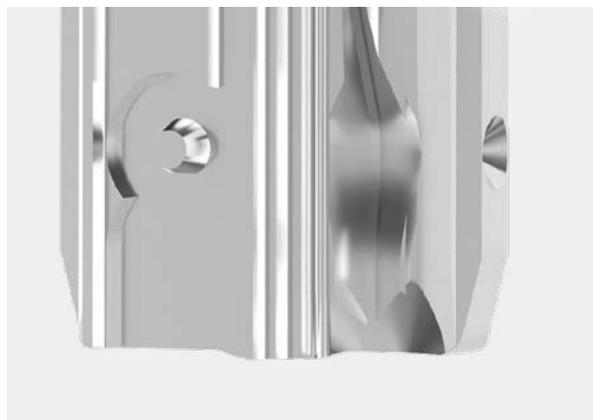
The modern reversible key system with horizontal key insertion is convenient and comfortable to use.



The Bravus MX Magnet locking system includes innovative magnet technology and the Intellitac system* in the cylinder and key.



The innovative shape of the key makes it almost unnoticeable in a trouser pocket. The modern, solid key does not snap.

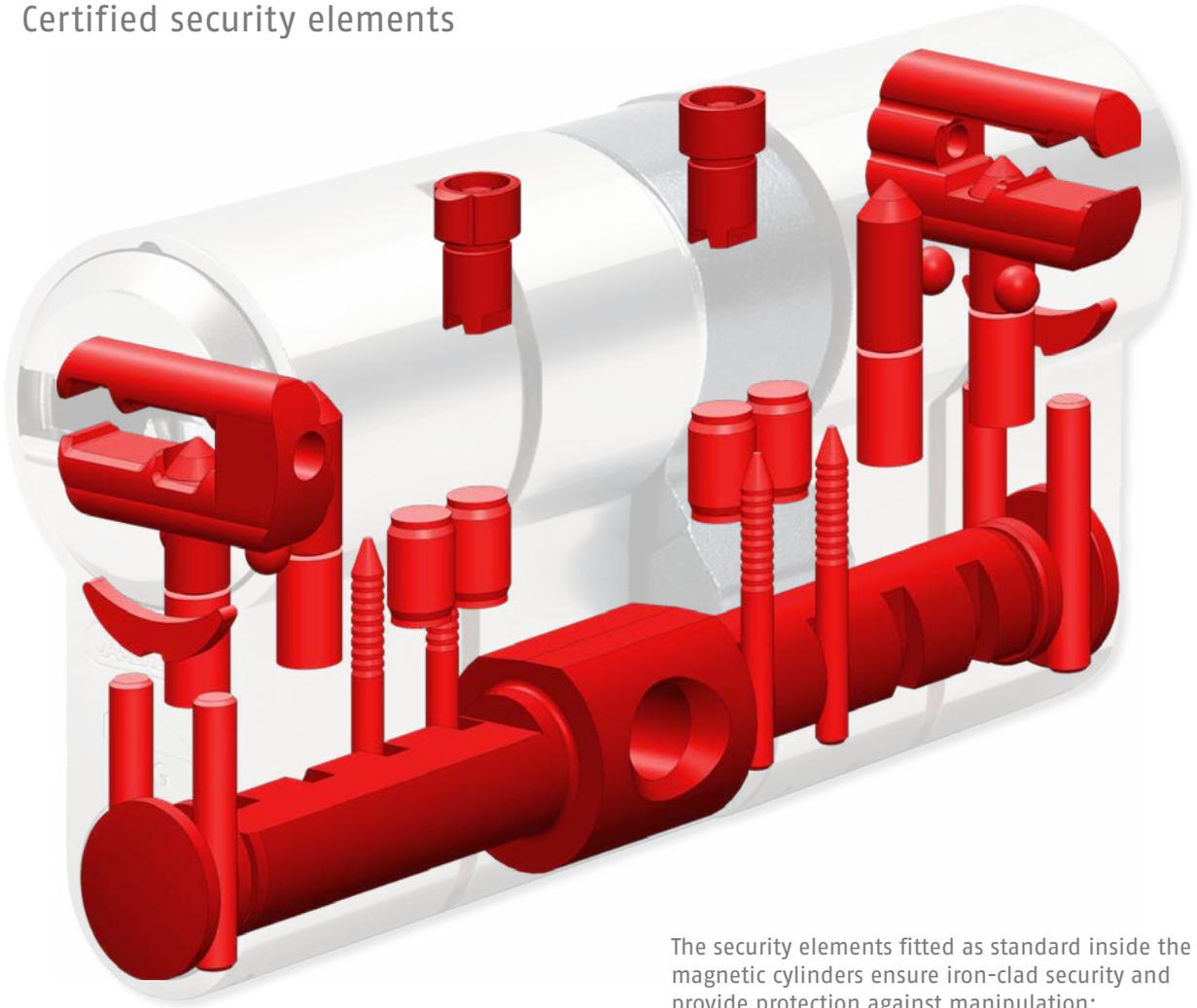


With multidimensional authorisation verification, it offers extremely effective protection against illegal key copies and manipulation of the lock cylinder.

* max. patent term to 2037

ANTI-DRILL, ANTI-EXTRACTION AND ANTI-SHATTER PROTECTION

Certified security elements



The security elements fitted as standard inside the magnetic cylinders ensure iron-clad security and provide protection against manipulation: The stainless steel bar is the key component of the system and provides increased protection against shattering and extraction. The high-strength stainless-steel anti-drill inlay and the hardened-steel elements in the cylinder housing and cylinder core offer increased protection against drilling.

SYSTEM BRAVUS MX MAGNET

Standard



Anti-drill
protection



Anti-shatter
protection



Anti-extraction
protection



Anti-picking



3D copy
protection



Anti-bump
protection



Magnetic
element



Modular
system



Patent term
to 2037



SKG***
certificate



Security
card



Reversible
key

TECHNICAL DETAILS

Overview

System:	Bravus MX Magnet
Key:	Multiple paracentric reversible key made from hard-wearing nickel silver, incredibly stable
Key insertion:	Horizontal
Patent protection*:	✓
Trademark protection:	✓
Copy protection:	Intellitac system with multidimensional authorisation verification, magnet in the key
Locking rows:	Up to 3
Total locking elements:	Up to 16
Basic length:	30/30 mm in MX for Euro profile double cylinders
Length increments:	Extensions available in 5 mm increments
Security card:	✓
Key related security:	Class 6 in accordance with DIN EN 1303, details available on request
Attack resistance:	Grade B Grade D for Euro profile cylinders thanks to SKG*** certification
Fire resistance:	Grade B, T90
Product certification:	Certified in accordance with DIN 18252 and DIN EN 1303, SKG*** as standard for Euro profile cylinders, available for other cylinders on request
Manufacturer certification:	ISO 9001
Production:	Made in Germany

* max. patent term to 2037

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