



Security Tech Germany

**BRAVUS.4000**

**NO**

**COMPROMISES**

REVERSIBLE KEY SYSTEM

# NO COMPROMISES

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Bravus.4000



## MAXIMUM SECURITY

With its unique combination of maximum technical copy protection, patent protection until 2030\* and trademark protection, the Bravus system meets high security requirements. The multidimensional Intellitec verification system on the key and in the cylinder prevents the lock from being operated by unauthorised keys effectively. So Bravus provides reliable protection against illegal key copies and manipulation of the lock cylinder. The security card provides additional protection as this must be presented before additional cylinders and keys can be ordered.

## MORE CONVENIENT

The innovative shape of the key makes it almost unnoticeable in a pocket. And the convenient reversible key design makes opening doors as easy in the dark as it is in broad daylight. The modern, solid key never snaps and is made from a high-quality material for long-term security.

## AS INDIVIDUAL AS YOUR PROPERTY

From a small property to a massive building complex, ABUS offers custom master key systems based on a sophisticated modular kit. Create your own security solution specific to your building, with options for everything from cylinder types and colours to additional special features. Every cylinder is tailor-made to suit your doors and design concept. And we ensure that your master key system meets your needs in terms of hierarchies and usage conditions. Every user can even have their own individual locking authorisations.

## FUTURE-PROOF INVESTMENT

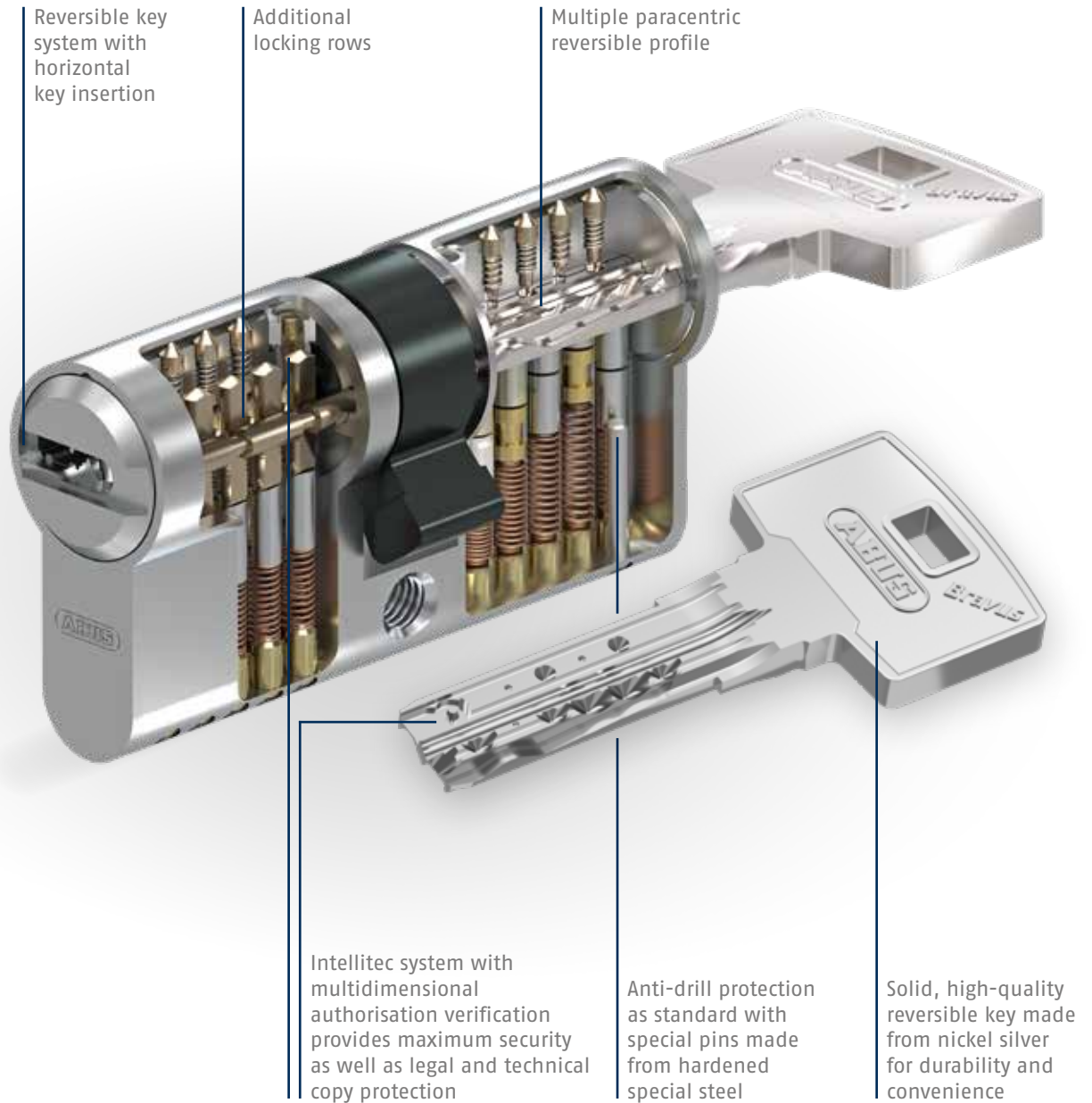
The Bravus master key system can be expanded at any time, giving you maximum flexibility through developments and changes. We can deliver expansion products for your locking system many years after installation.

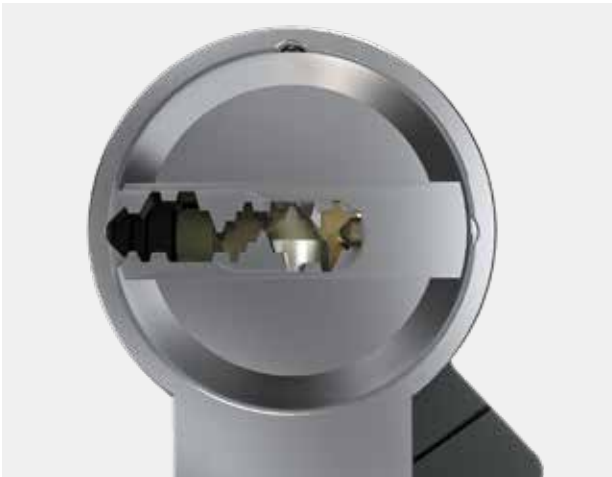
High-quality raw materials, high-precision manufacturing and our many years of experience mean that you can rest assured in the knowledge that your building is secure. And the fact that the lock cylinders are developed and produced in Germany guarantees premium quality and a long service life.

\* max. patent term to 2030

# BRAVUS.4000

In detail





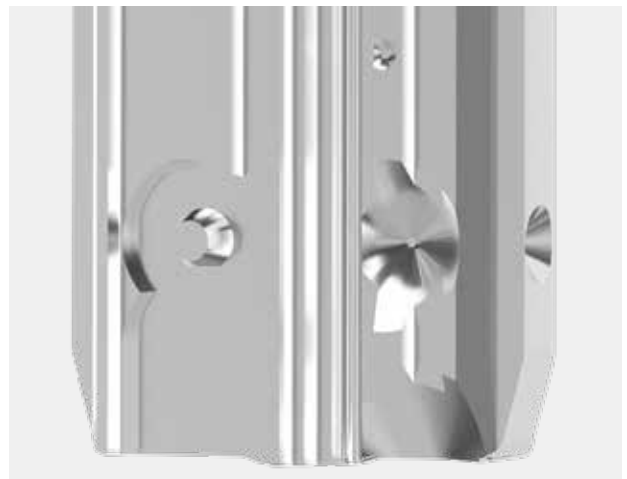
The modern reversible key system with horizontal key insertion is convenient and comfortable to use. The high-quality precision profile ensures easy insertion.



The innovative shape of the key with its wave coding makes it almost unnoticeable in a pocket. The modern, solid key does not snap. It is made from a high-quality material to ensure long-term security.



The Bravus locking system includes the patented Intellitec system\* in the cylinder and key. With multidimensional authorisation verification, it offers maximum protection against illegal key copies and manipulation of the cylinder.



\* max. patent term to 2030

# ATTACK SECURITY CLASS D

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Bravus.4000

## CERTIFIED SECURITY

The optional BZD equipment provides special protection for the profile cylinder against drilling and pulling. The inside of the cylinder features additional high-strength components to protect the cylinder against these methods. Drills and screws don't stand a chance.

Class D certification means you have the highest protection in line with DIN EN1303:2015 (D). Cylinders in this class are authorized for class RC2 and RC3 security doors, even without additional anti-pull fittings.

## WELL COMBINED

Look after your budget. Only use class D high protection cylinders on doors that present a real risk, such as exterior doors, and use non-BZD cylinders inside the building.

Be on the safe side – put your trust in optional BZD equipment.



Anti-drill protection



Extraction protection

# TECHNICAL DETAILS

## Overview

System:	Bravus.4000
Key:	Multiple paracentric reversible key made from hard-wearing nickel silver, incredibly stable
Key insertion:	Horizontal
Patent protection*:	✓
Trademark protection:	✓
Copy protection:	Intellitec system with multidimensional authorisation verification
Locking rows:	3
Total locking elements:	Up to 15
Modular design:	Optionally available in the Bravus.2000 MX or Bravus.1000
Basic length:	30/30 mm and 28/32 mm 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:	Class B Class D if special features anti-drill and extraction protection "BZD"
Fire resistance:	Class B, T90
Product certification:	Certified to DIN 18252 and DIN EN 1303 standards Optional, for example SKG*** and VdS, details available on request
Manufacturer certification:	ISO 9001
Production:	Made in Germany

\* max. patent term to 2030



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