



Security Tech Germany

# System Bravus

Comfortable reversible key system with Intellitec system

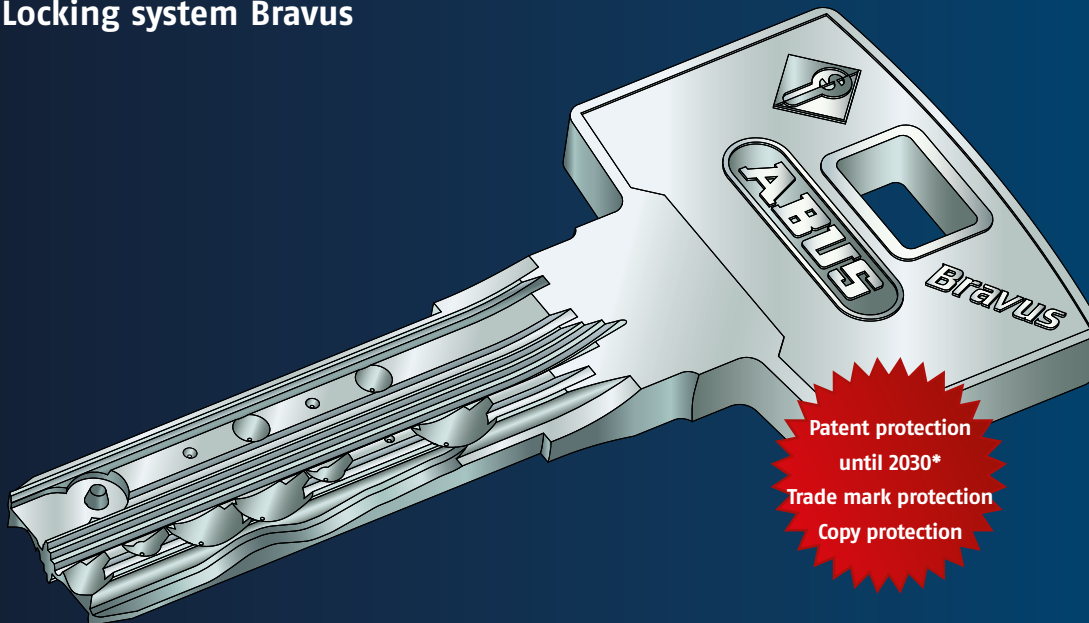


MADE IN  
GERMANY



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## Locking system Bravus



Patent protection  
until 2030\*  
Trade mark protection  
Copy protection



Can be combined with  
electronical systems.

## Highlights of Bravus

- Highest technical and legal copy protection
- Patent protection until 2030\* and unlimited trade mark protection
- Comfortable and stable reversible key with horizontal key insert
- Highest protection against unauthorised key copying because of the Intellitec system
- For small and very large key systems
- High economic efficiency because the different security levels can be combined (1000+2000+3000 and 1000+2000+4000)
- Combination with electronical systems by using Skuni Cap or Combi Cap

## Technical details

- 4 security levels
- Patented Intellitec system
- 6 pins
- Up to 15 spring loaded locking elements in three levels
- 14 mm core diameter



Facts	Bravus.1000	Bravus.2000	Bravus.3000	Bravus.4000
Patented Intellitec system	✓	✓	✓	✓
Patent protection until 2030*	✓	✓	✓	✓
Trade mark protection (unlimited)	✓	✓	✓	✓
1. locking row (spring loaded)	✓	✓	✓	✓
2. locking row (spring loaded)		✓	✓	✓
3. locking row			✓	
4. locking row (spring loaded)				✓
Compatibility	2000/3000 2000/4000	1000/3000 1000/4000	1000/2000	1000/2000
Combination with electronics	✓	✓	✓	✓
Standard drill protection	✓	✓	✓	✓
Increased drill protection	optional	optional	optional	optional
Strong drill protection	optional	optional	optional	optional

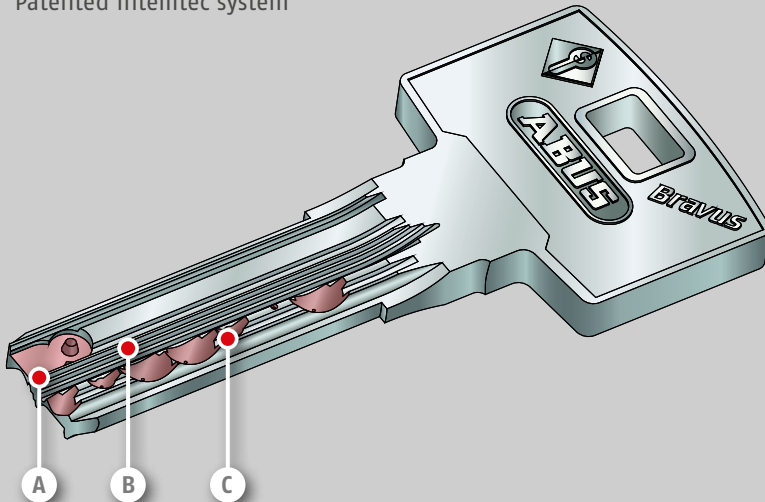
\*Patent pending, max. patent term 2030



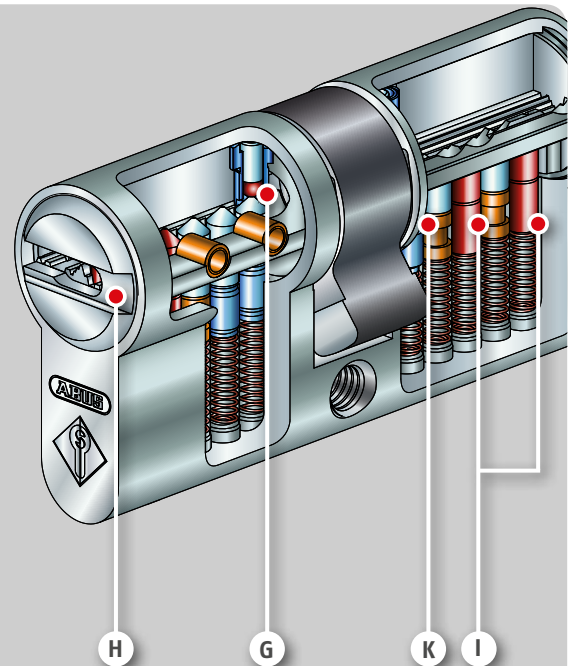
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## Bravus.1000

- 6 spring loaded locking elements in one locking row
- Patented Intellitec system



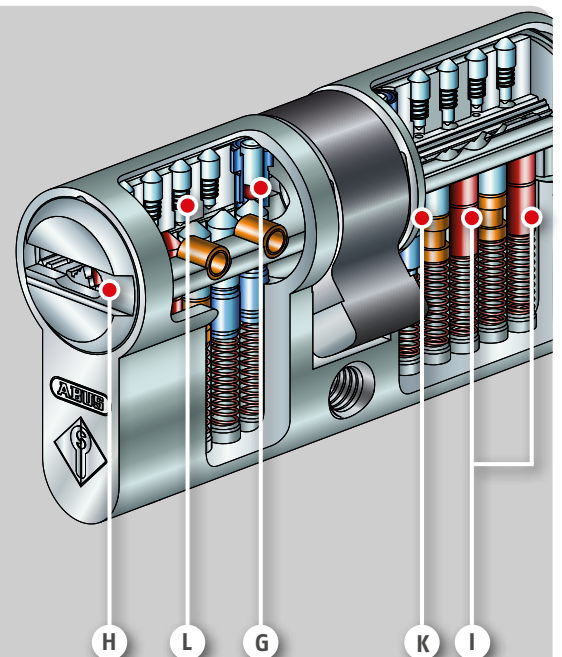
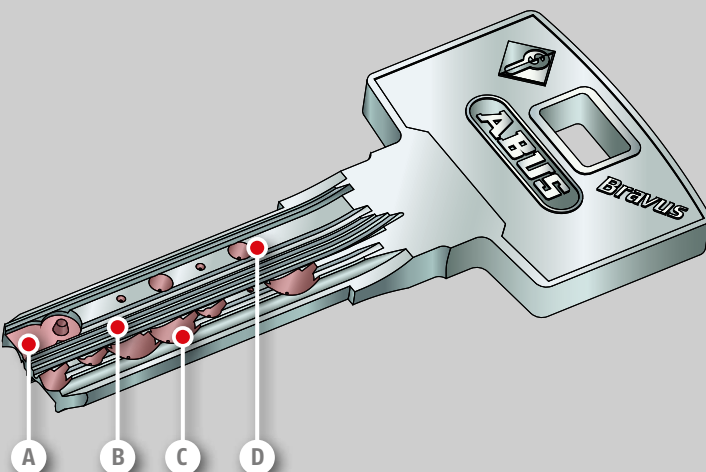
- A Intellitec system
- B Multiple paracentric reversible key system
- C Dimples in the first locking row
- D Dimples in the second locking row



- G Intellitec system
- H Horizontal key insert
- I Standard drill protection
- K 1st level with 6 spring loaded elements
- L 2nd level with 4 spring loaded elements

## Bravus.2000

- 10 spring loaded locking elements in two locking rows
- Patented Intellitec system

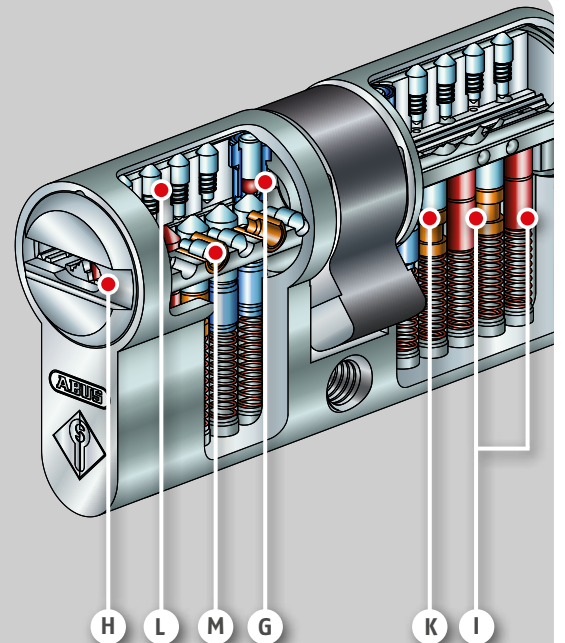
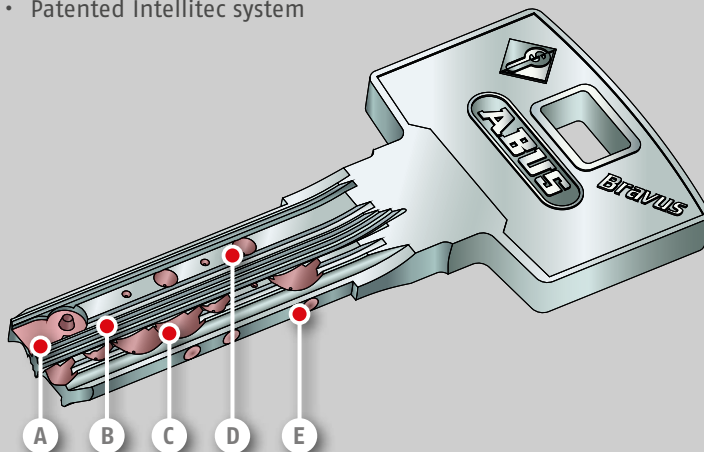




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## Bravus.3000

- 10 spring loaded locking elements and up to 6 additional locking elements in three levels
- Patented Intellitec system

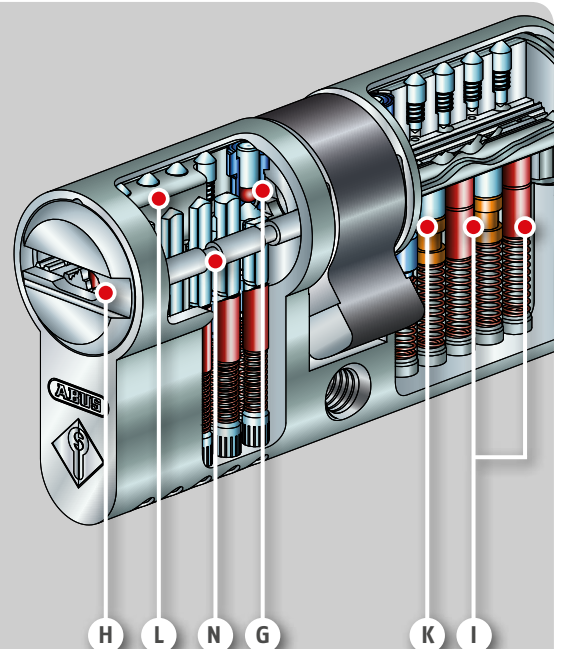
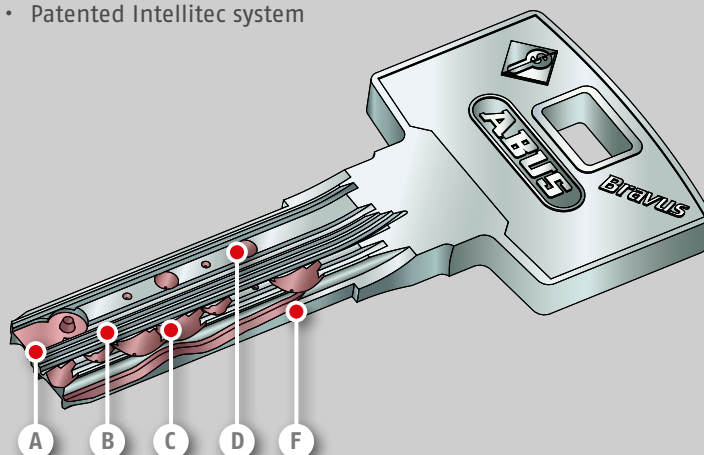


- (A) Intellitec system
- (B) Multiple paracentric reversible key
- (C) Dimples in the 1st locking row
- (D) Dimples in the 2nd locking row
- (E) Dimples in the 3rd locking row
- (F) Waved code line in the 3rd locking row

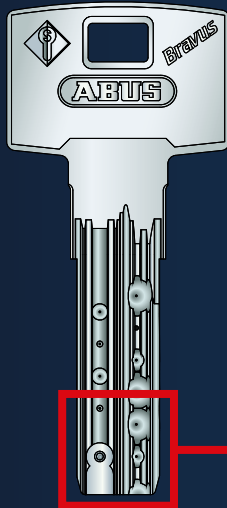
- (G) Intellitec system
- (H) Horizontal key insert
- (I) Standard drill protection
- (K) 1st level with 6 spring loaded elements
- (L) 2nd level with 4 spring loaded elements
- (M) 3rd level with up to 6 locking elements
- (N) 3rd level with 5 spring loaded elements

## Bravus.4000

- 15 spring loaded locking elements in three levels incl. waved code line
- Patented Intellitec system



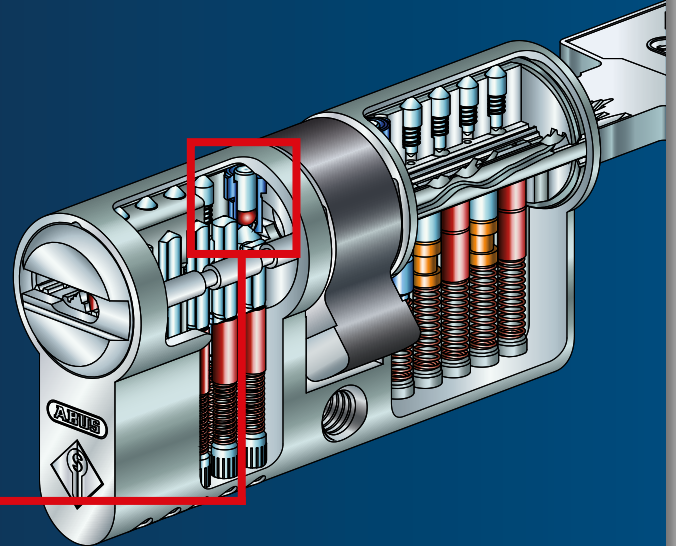
## Patented: The Intellitec system



Unique combination of

- patent until 2030\*
- unlimited trade mark protection
- Effective protection against unauthorized key cutting

**Intellitec System**



## Risk factor "illegal" key copies

Have you ever thought about how many people have copies of your keys? And that your key may have been copied without your knowledge or agreement? Sometimes we give our keys to people without hesitation - both in our private and commercial lives. But how do we know that these people; employees, tradespeople or whomever are completely honest? Because if they aren't "black" keys can get into circulation and the owner of the key may not even know it.

Many manufacturers use a common keyway for their locking systems where key blanks are readily available from copy key blank manufacturers. Using these copy blanks, on a standard key copying machine, many High Street retailers are able to produce an identical key, with all the same lock capabilities as the original. Unauthorised copying of keys is hard to trace and potentially a security risk to your premises. As the owner of the locking system that uses a common keyway, you are unlikely to know who has a copy of keys, or more importantly access to your premises.

## The Intellitec system provides real protection

The system Bravus unites a legal copy protection with extremely high technical copy protection, guaranteeing high protection against unauthorised key copies. All 4 security levels of the system Bravus are equipped with the Intellitec system - a newly developed control unit at the key and inside the cylinder. The Intellitec system provides a unique combination of patent protection until 2030\*, unlimited trade mark protection with the highest technical key copy protection.

High Street key copy machines cannot reproduce the multidimensional scan of the Intellitec system, meaning any attempt to produce an unauthorised key copy fails and the lock cannot be operated. Bravus keys can only be cut using an original ABUS Pfaffenhain Key blank and your personal ABUS security card must be presented when a new key is to be cut.

The system Bravus also provides an additional layer of protection against picking attempts due to its multiple paracentric profile combined with the 3 dimensional Intellitec system.

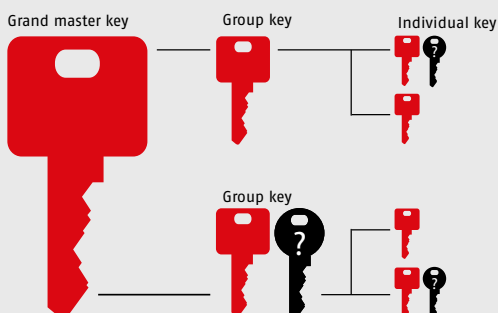


Illustration 1: Example of a GMK system with illegal key copies



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## Consulting and planning

Structured and thorough planning is the basis of a safe and functional locking system. We don't offer a conventional system, we offer a complete and thought-out construction set that units security, flexibility and user-friendliness.

We are pleased to consult on a suitable locking system that meets your particular requirements. Through our staff and partners we can provide help and assistance either by phone or directly on location.

## Contact

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