Mechanical locking systems
Effective and future-proof
Locking system Bravus

No compromises

- Maximum protection against cylinder manipulation and illegal key copying thanks to innovative Intellitec system
- Unique combination of patent protection until 2030*, unlimited trademark protection and maximum technical copy protection
- Convenient, robust reversible key with horizontal key insertion
- The different Bravus security levels can be combined. Also available as modular cylinder.

Bravus.1000
- 6 spring-loaded locking elements in one locking row

Bravus.2000
- 10 spring-loaded locking elements in two locking rows

Bravus.3000
- 10 spring-loaded locking elements and up to 6 coding pins in three locking rows

Bravus.4000
- 15 spring-loaded locking elements including wave contour in three locking rows

*Patent pending, max. duration until 2030

Intellitec system

1st locking row (spring-loaded)

2nd locking row (spring-loaded)

3rd locking row (spring-loaded) New development: wave contour

All four system levels of the Bravus locking system include the patented Intellitec system, which provides maximum protection against illegal key copying.

Intellitec system in the key

Intellitec system in the cylinder

The modern reversible key system with horizontal key insertion offers users maximum locking convenience. The high-quality precision profile ensures easy key insertion.
Locking system Vitess

Simply secure

- Effective protection against cylinder manipulation and illegal key copying
- Combination of patent protection until 2034*, unlimited trademark protection and a high level of technical key copy protection
- Robust key with vertical key insertion
- Combination of the different system levels and with modular Vitess MX cylinders

*Soft Patent pending, max. duration until 2034

Vitess.1000
- 6 spring-loaded locking elements in one locking row
- Coded profile rib with profile control pin

Vitess.2000
- 10 locking elements in two locking rows
- Coded profile rib with profile control pin

Vitess.4000
- 10 spring-loaded locking elements in two locking rows
- Coded profile rib with profile control pin

Multiple paracentric 3D curved profile and the coded profile rib with profile control pin provide effective protection against cylinder and key manipulation.

The Intop control unit on the key and in the cylinder guarantee a high level of technical copy protection.
Locking system Vela

Feel secure at home

- Additional detection of access authorization with the Inspect System
- High level of locking convenience thanks to modern reversible key
- Horizontal key insertion
- Ideal for small master key systems, for example in Appartment blocks and small commercial properties
- Perfect for flats and private homes, as either a single-differ or keyed-alike Vela MX cylinder
- Long key shoulder is also suitable for thicker door fittings

Vela.2000

- 10 locking elements in two locking rows
- Inspect system
MX modular option

Secure, simple, fixed

MX in detail

• Tool-free modification
• Available as double, knob and half cylinder
• Increased anti-pull protection as standard thanks to the modular web made of stainless steel.
• Increased protection against drilling as standard thanks to hardened steel pins and a stainless steel anti-drill inlay

Sample modular cylinder design based on Bravus MX

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