PRODUCT DATA SHEET

sullus security systems

BRAVUS.3000 knob cylinder short

SKU AB.B3000.KZ.430KV
Producer No. B3L430-KV

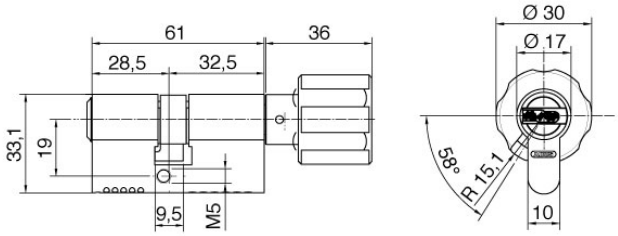
The Bravus.3000 system combines a legal copy protection with an extremely high technical copy protection and thus guarantees safe protection against illegal key copies.
Bravus.3000 is equipped with the Intellitec system, a newly developed test unit on the key and in the cylinder. The Intellitec system's multi-dimensional scanning prevents the locking process with an unauthorized key.

The Bravus.3000 system offers high-quality solutions for applications in the private, commercial and public sector.

Basic length

- from 28,5/32,5 mm
- max. up to 28,5/47,5 mm
- measured from the middle of cam
- extension in 5 mm steps
- Ordering information: the knob is always located on the inside of the cylinder.

DIN EN 1303 | DIN 18252



Technical characteristics

- patented Intellitec system for extremely high technical copy protection, highest protection against illegal key copies (multidimensional query)
- 3. safety level in the Bravus system (3 locking rows)
- 10 spring loaded locking elements and up to 6 code pins in three locking rows
- 6-pin system
- standard drilling protection BS01 made of hardened special steel
- 14 mm core diameter
- cam as standard made of sintered steel with burnished surface for high corrosion protection
- according to DIN 18252 and DIN EN 1303, certified according to ISO 9001:2008
- patent protection until 2030

Execution

- reversible key system
- cylinder body: nickel plated brass
- horizontal, easy key insertion
- combination with electronic systems possible at any time

Options / Special equipment

- different cylinder finishes *
- different knob designs, standard shape Z (optional: shape H or shape O)

Operational area

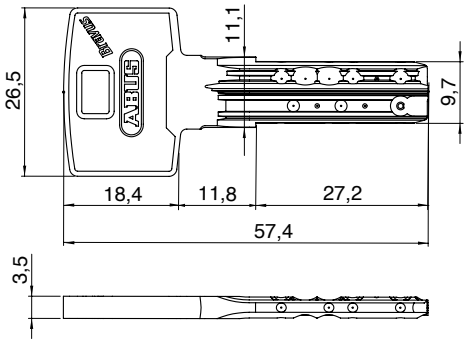
- indoors and outdoors, in conjunction with DIN mortise locks

Scope of delivery

- knob cylinder (short) incl. 3 or more keys
- 1 fixing screw M5 x 75 mm
- security card

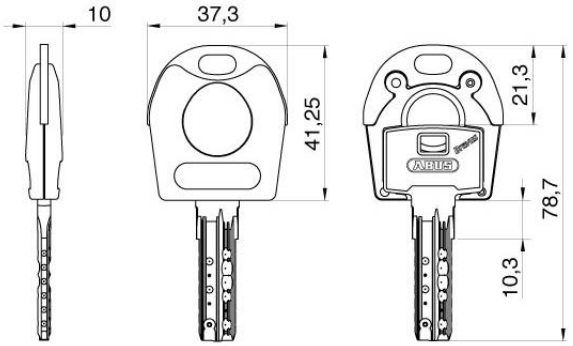
Key

- key thickness: 3,5 mm
- comfortable, stable reversible key made of wear-resistant nickel silver
- highest key copy protection
- plastic key caps (PRO CAP, SKUNI CAP) (optionally selectable)
- on request with integrated transponder for the control of electronic systems (compatible only with SKUNI CAP, later retrofitting not possible)



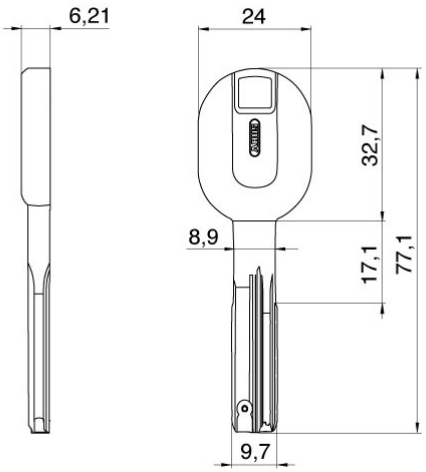
Key cap SKUNI CAP

- key caps without transponder
- key caps made of plastic with metal reinforcement made of nickel silver
- for special design requirements for the keys
- for easy optical differentiation
- increased locking comfort due to enlarged key head
- subsequent opening of the key cap as well as retrofitting or replacement is not possible
- the key cap is mounted using an ultrasonic welding process, so factory assembly is absolutely necessary
- on request with integrated transponder to control external systems such as time recording, parking management systems or cashless accounting systems
- use exclusively with keys from ABUS Pfaffenhain
- combination with electronics



Key cap PRO CAP

The PRO CAP key cap offers a wide range of colors to underline individuality. Thanks to the color designation, the keys can be distinguished at first glance. This makes searching for keys a thing of the past. Alternatively, you can use the different colors to identify group authorizations for your property. This allows you to control exactly who has access to which area.



Combination with electronics

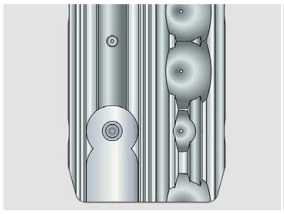
In an ABUS locking system, mechanical and electronic locking cylinders can be flexibly combined at any time. This potential for expansion allows you maximum flexibility and future security when planning your building security. With the combination keys, you can lock mechanical and electronic cylinders with just one key. Alarm systems, external systems or time recording and payment terminals can be integrated into the locking system at any time. The combination with electronic systems is very simple thanks to the SKUNI CAP. The key can be supplied directly from the factory as a mechanical-electronic combination key. Retrofitting electronic components at a later date is not possible.

Technical details

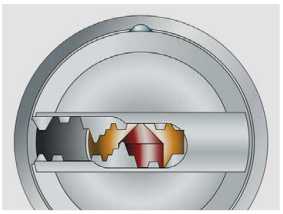
Highest technical and legal copy protection through Intellitec system

With the key copying machines currently available on the market, no illegal copies of the Bravus key can be made.

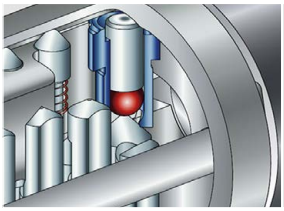
Attempts to make an illegal key copy fail because of the Intellitec system. The milling of a key with Intellitec system is not possible with standard key cutting machines. Without the Intellitec system on the key, the cylinder cannot be locked because the Intellitec system is scanned three-dimensionally in the cylinder. The Intellitec detector in the cylinder checks the exact shape, position and height of the Intellitec pin on the key. If a key does not have the corresponding Intellitec pin, it cannot be fully inserted into the key channel and the locking process is blocked.
The security card to the locking system is a further security feature. It must be presented to legitimately obtain a copy of the key.



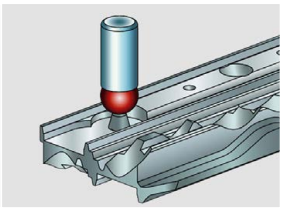
system Intellitec on the key



precision profile



system Intellitec in the cylinder

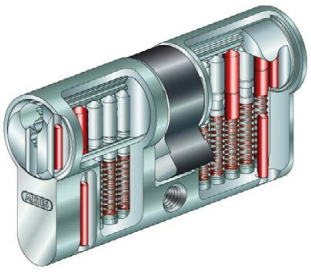


query Intellitec

Security options

Increased drilling protection BS01 (standard)

The drilling protection is achieved by using two additional hardened steel pins (the first and third pair of pins) in the cylinder core and body on each locking side (in double cylinders generally on both sides). This achieves the attack resistance class 2 according to EN 1303 and makes violent opening attempts more difficult.



drilling protection BS01

* this selection extends the delivery time

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