PRODUCT DATA SHEET

dormakaba **penta padlock VHS 2001**

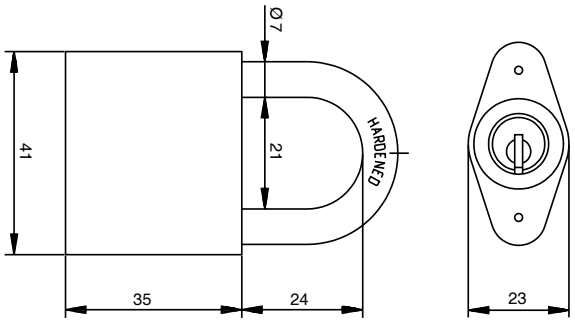
sullus security systems

SKU KA.penta.VHS2001
Producer No. Kaba penta/VHS/2001

The DORMAKABA penta system is a very flexible system and meets the highest security requirements both in the private sector and for large and complex installations. DORMAKABA penta offers a high level of security thanks to the sophisticated technology within the locking cylinder. This is achieved by 5 radial pin rows with up to 22 pin positions. High-quality materials such as low-wear chrome nickel steel for the pins and nickel silver for the key are also decisive. DORMAKABA penta locking cylinders are among the most secure on the market and protect against the most common opening methods. DORMAKABA penta locking cylinders are part of an ergonomically correct reversible key system, which means that the DORMAKABA reversible key is inserted vertically into the cylinder channel.

Measurements

- standard shackle height: 24 mm
- shackle: Ø 7 mm
- case width: 41 mm
- clear shackle width: 21 mm



Technical characteristics

- technical and patent copy protection offer high key copy protection
- 5 radially arranged rows of hardened steel pins
- up to 22 pin pairs per cylinder side in several rows on 85 possible positions
- number of possible, theoretical individual blocks: 867 trillion
- spring-loaded pairs of locking elements made of hardened steel, chemically nickel plated
- very high security against picking and the impact method
- classic door cylinder in 17 mm Euro profile, core diameter: 15 mm
- modular system design
- forced locking
- patent protection until 2033

Execution

- ergonomically correct reversible key (vertical key insertion)
- easy key insertion due to new design of the locking elements
- cylinder body: nickel plated brass
- shackle: stainless steel
- integration into electronic DORMAKABA locking systems with LEGIC clip possible at any time (retrofittable), mechanical lock remains unchanged
- can be combined with DORMAKABA evolo mechatronic locking system

Options / Special equipment

- different shackle heights (40 mm, 70 mm)
- long bow with and without key clip

Operational area

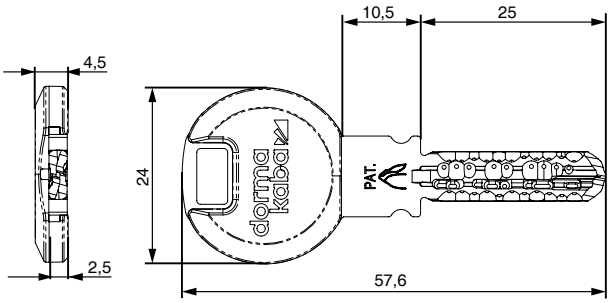
- indoor and outdoor areas
- garden gates, steel and lattice gates
- private houses and apartments
- small and medium-sized enterprises
- industrial and administrative buildings
- public facilities such as schools or community buildings
- large and complex locking systems

Scope of delivery

- padlock VHS 2001 incl. 2 or more keys
- security card

Key

- reversible key made of high-quality nickel silver, low-wear
- reversible key that is technically difficult to copy
- the new coding on the tip of the key cannot be produced with conventional key cutting machines; if the coding is missing, a key cannot be inserted or turned
- high breaking resistance
- 3 different key types, standard key: smartkey (optional largekey, long bow)
- colour clip standard: black (selectable from 12 colours)
- new exclusive colour clips only for the DORMAKABA penta system: in elaborate 2-component plastic technology with glossy surface



Technical details

Reversible key that is technically difficult to copy

The reversible key is technically difficult to copy. The keys are not coded by drilling, but by a special milling process that conceals the position of the coding on the key. The key is made of nickel silver and is highly resistant to breaking, has excellent sliding properties and lowest wear. New design of the locking elements allow the key to slide even more easily into the key channel.

High security against picking and the impact method

With the rapido method, conventional locking cylinders can be opened - without leaving any traces - with a specially made key and a hammer. The DORMAKABA penta system is protected against this.

DORMAKABA modular

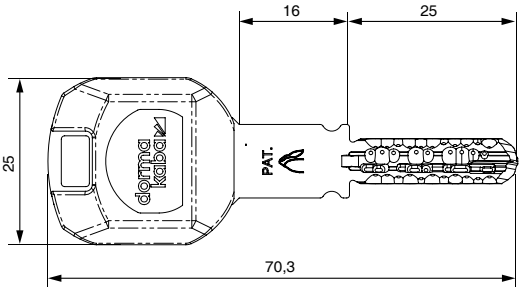
The DORMAKABA modular system allows cylinders to be converted to other lengths or even other cylinder shapes on site with little effort. The locking system remains intact. The inserted cylinder cores (inserts) can easily be used in other cylinder designs (half cylinders, knob cylinders, camlock cylinders, etc.).

Standard drilling protection

The standard drilling protection is achieved by standard hardened steel locking elements and a hardened insert fixing screw.

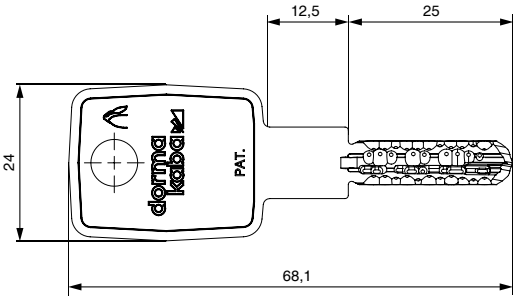
Largekey (clip and long bow)

- long key bow with extended key neck
- colour clip standard: black (selectable from 12 colors)
- when using e.g. protective fittings with core pulling protection rosette



Long bow (armour bow)

- reversible key with armour bow
- when using e.g. security fittings with core pulling protection rosette and multiple locking systems



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