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# The New Kaba penta

## Security Straight to the Point

Secure  
Flexible  
Endurable

# Application and Product Family

**Among mechanical master key systems Kaba penta is deemed standard. Thanks to its flexibility the system can be used in the private sector as well as in large and complex systems. Upward compatibility makes the combination with mechatronic and electronic access and time & attendance systems possible. Even a connection to enterprise data collection and value handling is possible.**

- Lock cylinders blind on one side
- Steel reinforcement in the housing for increased pulling protection
- Increased pulling protection according to VdS B and VdS BZ

Find out more about additional functions from one of our authorised dealers or in our product catalogue.

## Areas of application

- Single and multiple dwelling homes
- Small business
- Business
- Industry and public office buildings
- Public institutions such as schools or public buildings
- Hotels, nursing homes, hospitals

## Products

- Keys
- Key clips
- Door lock cylinders
- Outside and inside cylinders for surface mounted locks
- Furniture cylinders and furniture locks
- Camlock cylinders
- Key-operated switches
- Elevator control cylinders
- Padlocks
- Cylinder olives and window handles
- Key deposits and key cabinets

## Additional functions

- Double key override
- Priority function
- Duplo function
- Emergency key
- Construction phase function
- Thermally insulated lock cylinder (NEW!)
- Dust and weather protection
- Lock cylinder with electrical contact
- Freewheel cam for gear and emergency exit locks
- Cam with relative movement
- Cogwheel cams

## One key for all

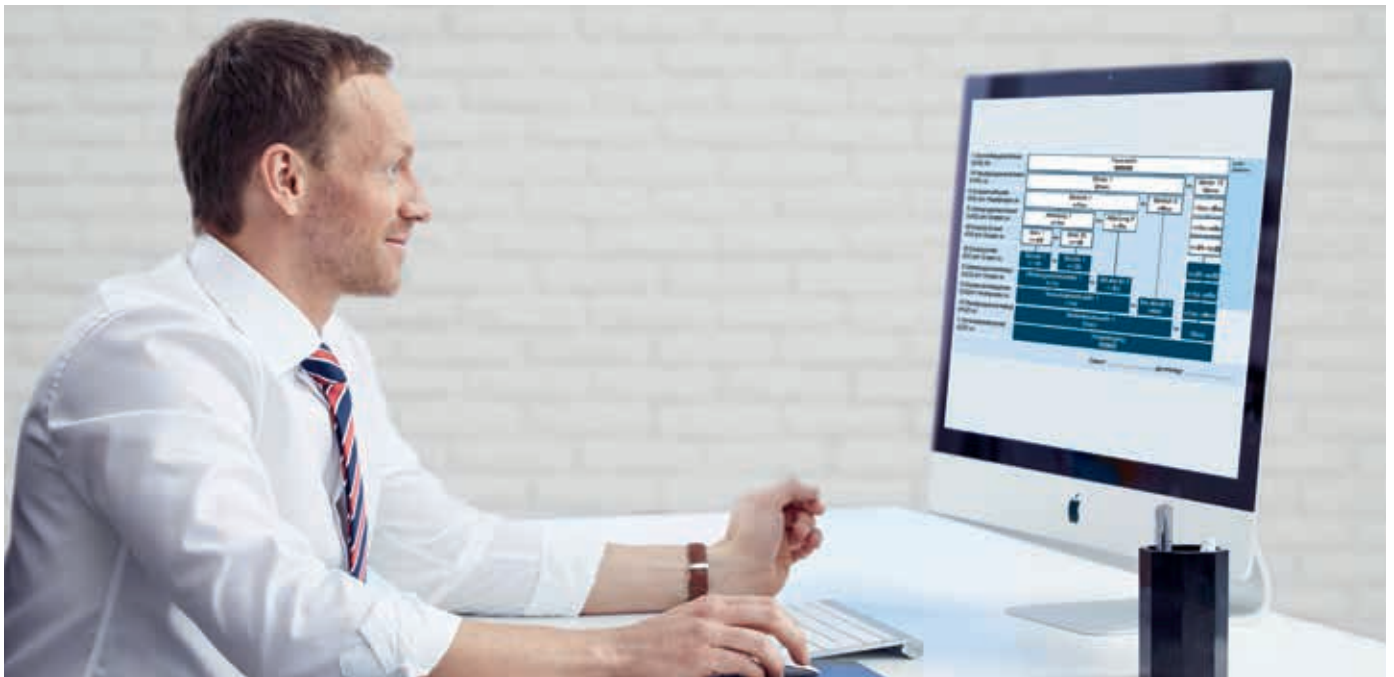
The key system Kaba penta makes it possible for every user to cover all valid individual access privileges within a master key plan hierarchy with one single key - in the private or in the commercial sector. This brings clarity and ensures that your key ring gets lighter and ends searching for the right key.

Kaba penta is characterised by its versatility. The system meets even the highest security demands and enables the realisation of complex, individual master key systems.



# Kaba keylink

## Lets You Plan Your Future Today



Only change is constant. Especially when the times point to change and growth, you must make future-oriented, investment safe decisions. This is also true for the master key system in the buildings of your enterprise.

We at dormakaba give you the means today, to be best prepared for tomorrow. With an innovative, visionary master key system concept, with which keeps you flexible in any case and lets you make changes at any time in any situation.

**The problem:** Usually expansions or new configurations in existing mechanical master key systems are often not possible, as all keyings must be exactly planned pre-emptively.

**The solution:** With the innovative planning method Kaba keylink master key systems can be planned like an electronic system based on the principle of company organisation and room zones.

**This means:** Lock cylinders and keys are planned at system conception in a manner that permits future changes or expansion.

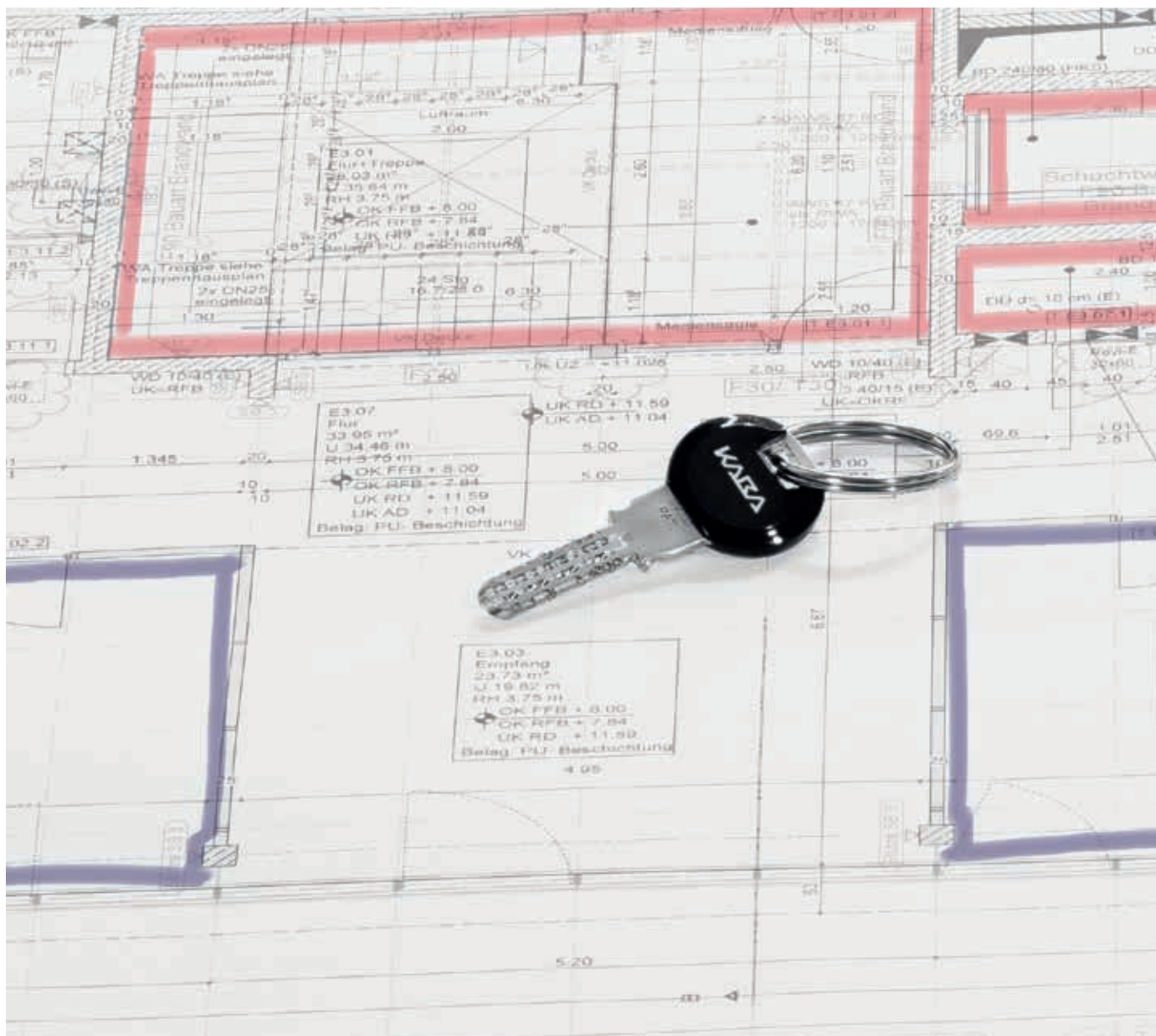
Kaba penta in connection with Kaba keylink is an almost unlimitedly expandable system, that guarantees a constant high security standard in all expansion phases. With Kaba keylink mechanical access rights can be individually planned and changed later at any later time. And that without changing lock cylinders in your master key system - you only need to issue new keys to the persons affected by new access rights. All in all functions that are unique for master key systems and simplify operations and management of the master key system enormously. This method of planning makes your investment secure in the long term and guarantees sustainability and in addition increases the security of your master key system.

In order to make your master key system even more flexible and most secure, you can combine this with dormakaba mechatronic and electronic access systems: for sustainable system solutions with long term investment security.



**Kaba  
keylink**





The dormakaba brand stands for security, quality and reliability. Most modern technology and highest precision are major manufacturing criteria. Product characteristics such as convenience and flexibility have made dormakaba a world renowned company in the security technology branch.

## Advantages of Kaba keylink at a glance:

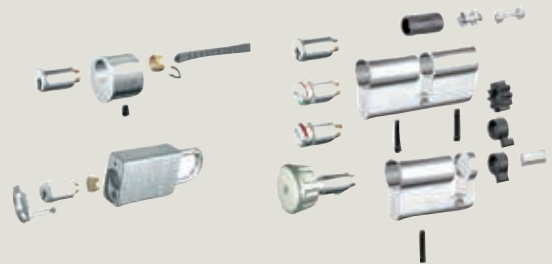
- Revolutionary planning method for mechanical master key systems
- Planning based on company organisation and access grid
- Access rights adaptable by issue of new keys at any time
- Changes without changing lock cylinders
- Random expansion of the master key system
- Constant high security standard in all expansion phases
- Common planning for different sites
- The highest flexibility that can be achieved with mechanical master key systems
- Investment security and future proof

# Burglary Resistance

## Kaba modular



Burglary resistance



Highest modular flexibility

### Tough against burglars

Kaba lock cylinders can be equipped with additional security features to provide even more protection against forceful entry. Three steel plates in the housing increase the protection against pulling the lock cylinder out of the door lock and that without any additional measures in the door lock. This means that Kaba cylinders in tubular frame doors in which security door hardware cannot be installed are also attack resistant.

### International Certifications

- EN1303 Key Related Security Grade 6 and Attack Resistance Grade D with optional steel reinforcement or with security door hardware
- DIN 18252 Grade 82
- VdS B, VdS BZ and master key systems
- Cylinders with freewheel cam function (in emergency exit doors and gear operated mortise door locks)
- GOST (Russia)



### Investment security with Kaba modular

Investment security and upward compatibility - in other words long usability - and the usability of products once bought have always been a very important theme - and a substantial differentiation characteristic of Kaba.

Kaba reversible key systems are built in a modular system, that enables quick and simple conversion of lock cylinders in other lengths and types.

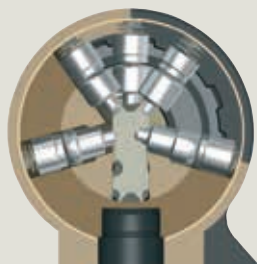
In combination with various lengths of cylinder housings (complete housings), couplings and cams, cylinders previously supplied can be quickly modified with regards to the length and/or function.

The concept of modularly exchangeable inserts easily allows them to be used in other cylinder types (single cylinders, thumbturn cylinders, rim cylinders, furniture cylinders, padlocks, camlocks, etc.). Quick conversion of a lock cylinder previously supplied and adaptation to changed requirements at a site increase variability and flexibility and ensure sustainability of the master key system.

# High Security Standard



Legal protection



Technical protection



Organisational protection

## Patent protection

The numerous innovations that have flowed into the new key as well as into the modular cylinder bring the the system to the most modern state. Kaba penta keys are subject to legal patent protection and guarantees long-lasting protection against illegal key copies. In the long term this guarantees not only exclusivity, but also distinctiveness, highest quality and security.

## Brand protection

dormakaba penta keys have high recognition value, which is guaranteed by numerous brands. So for example by the figurative mark "Mountain Peak", which is protected in numerous countries.

## Precision mechanics

Kaba penta is a high performance master key system, that fulfills the most demanding wishes. The security of Kaba penta is provided by 22 simultaneously usable tumbler pins on up to 85 positions as well as the unique arrangement of the tumbler pins to the key milling. With its 5 tumbler pin rows Kaba penta offer manifold possibilities for various key hierarchies high security standard.

Decisive are also the high quality materials such as wear resistance chrome nickel steel silver for pins and nickel silver for the key.

Additional copy protection can be reached by selective use of mechatronics.

## Security card

Every new Kaba penta master key system and every serial cylinder is supplied with a security card containing all security data concerning the key system or keying. These are used for ordering duplicate keys as well for registration and management of the master data of the master key system or keying.



Patent



Mountain Peak



# System Components of Kaba penta



Masterpiece in design and technology



Flexible and versatile



The new Kaba penta thumbturn knob

## Kaba penta key

Along with the renowned quality features the new key clip is characterised by its high quality design: It provides an unmistakable image and sets itself significantly apart from conventional keys. The plastic clips are available in 12 different colours. The keys can be used for organisation, e.g. to differentiate by colour between business areas or functions.



## Kaba penta lock cylinder

Kaba penta is the mother of all versatility: Along with the large standard programme, numerous customer-specific applications have been realised. All cylinders have a modular design allowing changes and adaptations to new situations to be carried out simply and quickly on site.

## International and multicultural

Kaba penta is at home all over the world. Along with the classic lock cylinder in 17 mm Europrofile, Kaba penta is also available in many other types such as

- Swiss round profile 22 mm
- Scandinavian oval profile
- Australian oval profile
- Union oval profile
- Special French profiles
- Round profiles

## Elegant and ergonomic

The new "designer" thumbturn knob is only available for the system Kaba penta and matches Kaba evolvo digital cylinders perfectly. The flattened contour of the knob lies ergonomically in the hand and lets doors be opened even more easily, especially important for children and elderly persons. With the thumbturn knob the door is opened or locked with a turn of the hand without having to search for a key and increases the security of the door from the inside.

Therefore the thumbturn cylinder is especially suitable for schools and nursing homes. Together with the priority function you can decide whether the knob allows the door to be opened by a key from the other side or not.

# A Complete Range



## Cylinder t-handles and olives

Spoiled for choice: The dormakaba olive cylinder range is nearly boundless. Mechanical cylinder T-handles and olives, locking to the right or left, are available in a wide range of materials and designs. The wide offer of surface finishes also entails olives in various types of wood and plastic in a wide variety of RAL colours. With dormakaba everyone can find the solution he wants.

## Switch cylinders

Along with conventional key switch cylinders, dormakaba offers key switches with multiple key retraction positions, which set the universal deployment of the range apart and even surpass known solutions. This enables a new generation of key switch cylinders with up to 12 retraction positions, whereby the switch position is indicated by the key canal.

dormakaba key switch cylinders increase operation security, protect against manipulation and offer high user convenience. They offer best services especially for garage doors and various control applications.

## Wide range

With its wide product range the applications of Kaba lock cylinder reach from window lock cylinders over camlocks for mailboxes up to padlocks. This multiple usage is practical and rational. With one single master key system all requirements can be met not only for single and multiple dwellings but also for large businesses, industry and public office buildings.

# An Open Door to Mechatronics

## **In combination with mechatronic master key systems**

Kaba penta can be combined without any problems with the mechatronic locking system Kaba evolvo. Combined with electronics the system Kaba penta attains a new dimension in regards to security and flexibility. Along with the precision milling each Kaba penta key is also equipped with a coded chip.

The mechatronic locking system Kaba penta with evolvo not only makes an economic upgrade of mechanical master key systems, but also facilitates tailor made security solutions, required for special regulations for persons or goods. Lost or stolen Kaba keys can be revoked immediately thanks to electronics.

Furthermore dormakaba mechatronic locking systems keep time and have a memory: Time-limited restrictions and auditing of events can be included in the access control system.

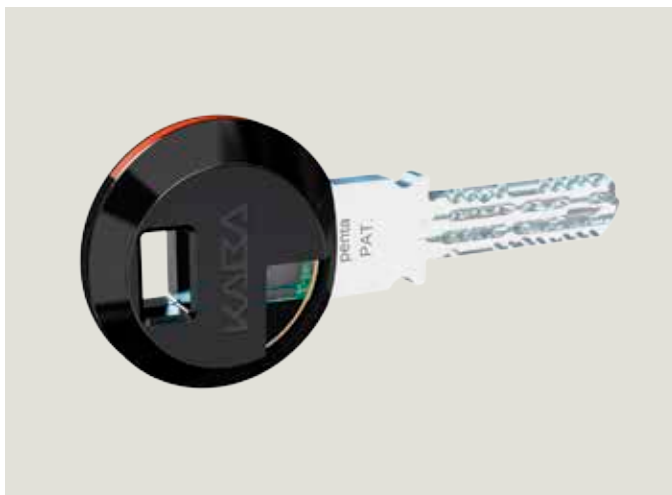
In addition Kaba penta keys with evolvo clips can be used for electronic time registration, enterprise data collection and cash free vending. Your employees need only one single medium for all mechanical and electronic access points and other applications in the company. This simplifies administration and saves costs.

## **In combination with automatic doors**

Kaba penta can be easily combined with security products such as Kaba x-lock switch and motor locks.

## Expanding access control

Using access control in components in combination with Kaba penta is recommended when monitoring access is required and when changes in access authorization must be carried out quickly. Along with mechatronic locking systems the products can also be used in the flexible access control system Kaba exos. Kaba exos contributes the security of buildings, rooms and grounds as well the monitoring of controls of various building installations.



# Management, Control, Maintenance

## Key deposits

dormakaba key deposits have special functions: With one key or many keys one special key can be removed from the deposit. This retainer provides good services where rooms in security zones (laboratories, EDP rooms, etc.) may only be entered in twos.

## Simple management

What is important for a well functioning master key system is the complete and seamless management of all keys according to individual needs and the cylinders. PC programmes are available that make the management of a master key system much easier.

## Maintenance

Regular maintenance of the master key system is of decisive importance for functional security. This entails regular monitoring of wear and regular preventative maintenance with the environmentally safe Kaba cleaner spray.

## Closely meshed sales network

dormakaba products are sold by authorised and specially trained dormakaba partners in the hardware and door supply branch as well from qualified locksmiths. The sales network with numerous dormakaba authorised dealers offer the customer best coverage in many cities. Find out which authorised dealers are in your vicinity on the dormakaba homepage of your country.

## Key deposit systems

In order to make keys available for certain applications or interventions, Kaba offers different solutions such as: Key tubes, mechanical or mechatronic key deposits, or key cabinets.

