

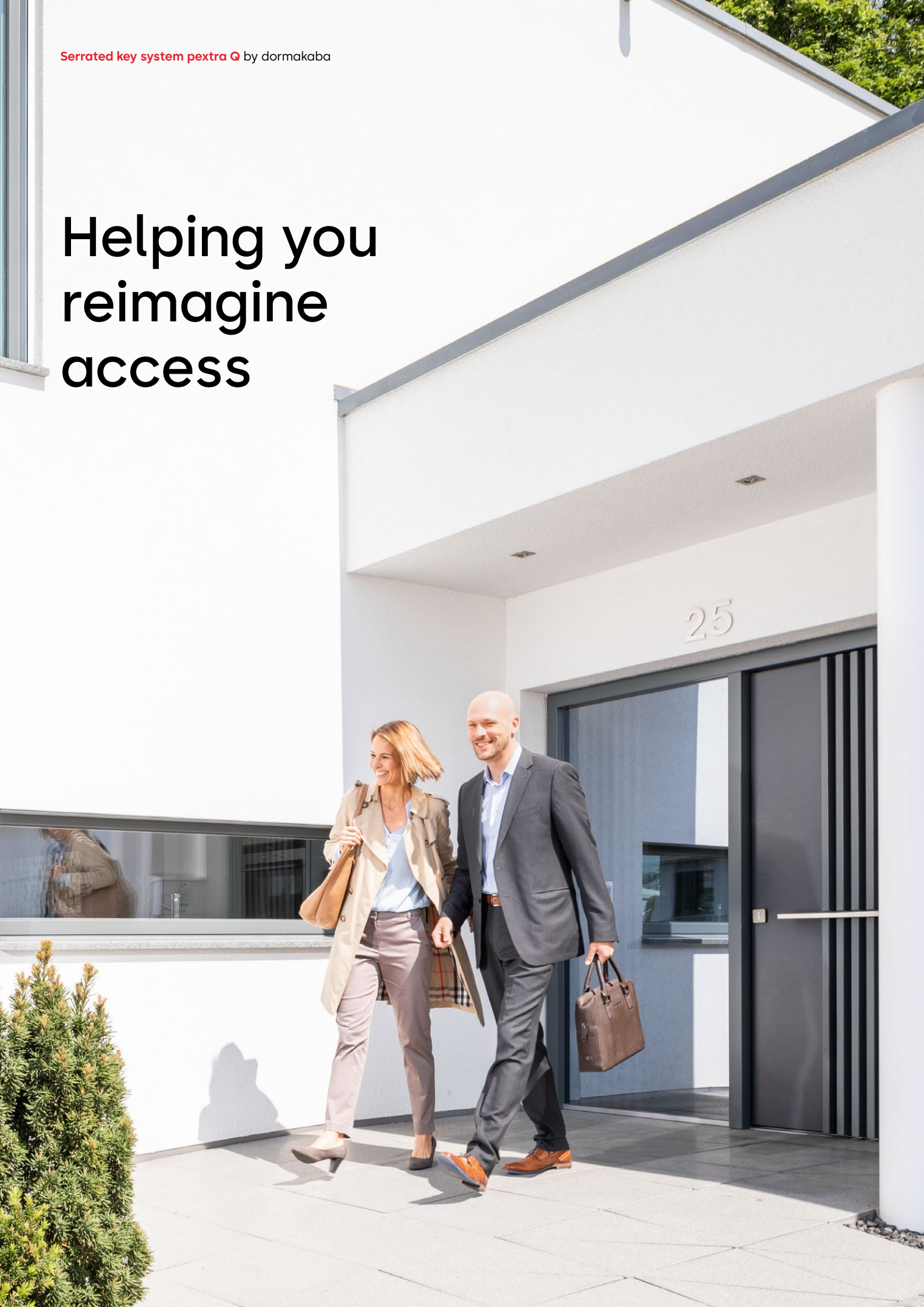
For a secure home

Serrated key system pextra Q by dormakaba



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Helping you reimagine access



Configure pextra Q to suit your security needs

The new dormakaba pextra Q serrated key system provides multiple layers of protection for keys and lock cylinders.

Its versatility makes it ideal for securing and organising access to any building – not only family homes and residential complexes, but also public buildings and industrial properties.

Areas of application

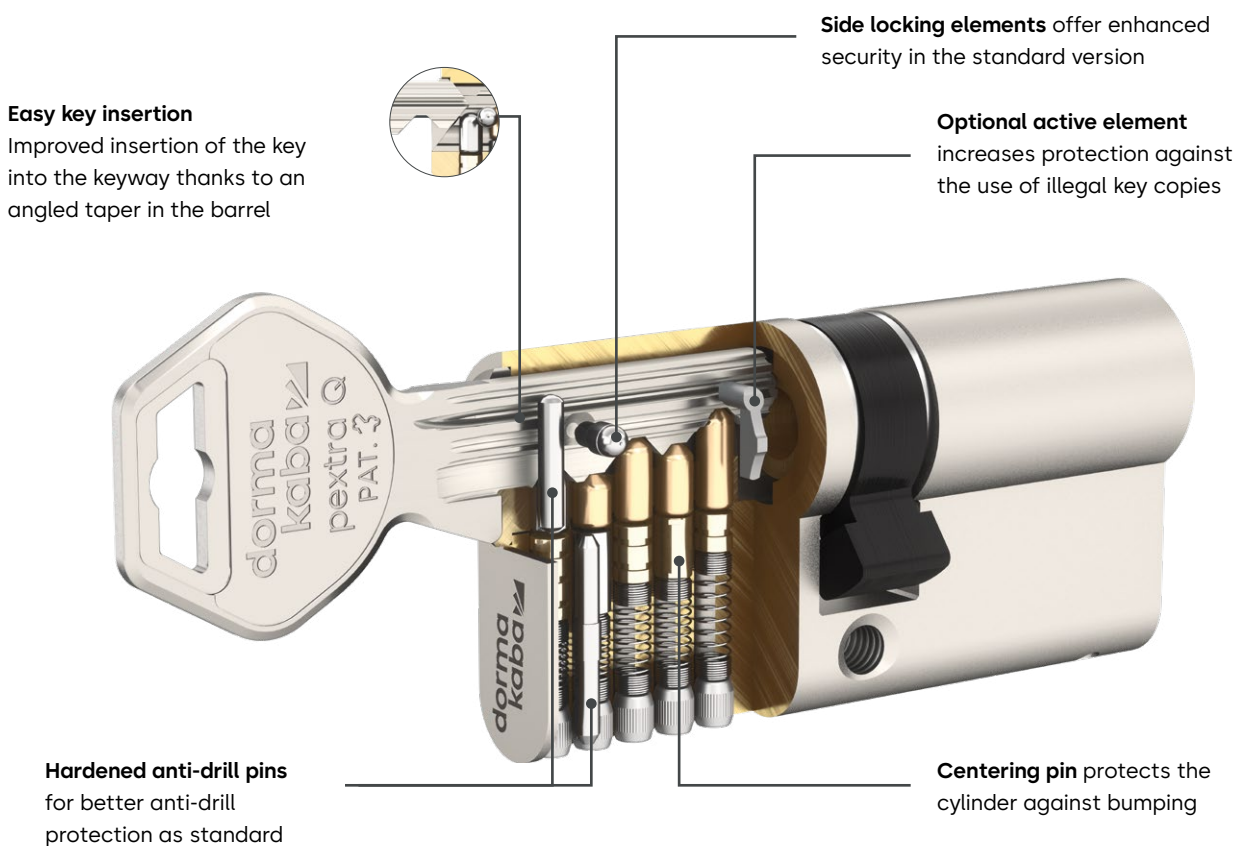
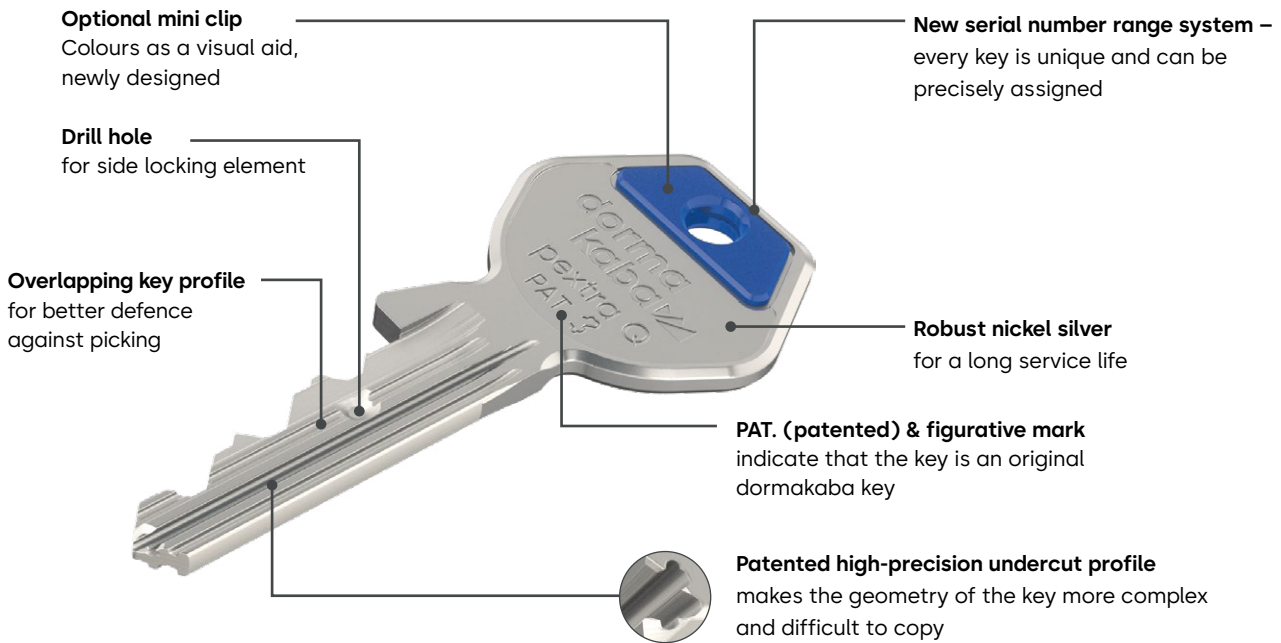
- Healthcare
- Office buildings
- Hotels & catering
- Airports
- Banking & insurance
- Education
- Industry & production
- Shopping & retail sector
- Privately owned housing
- Government & administration
- Sport & culture
- Transport & logistics

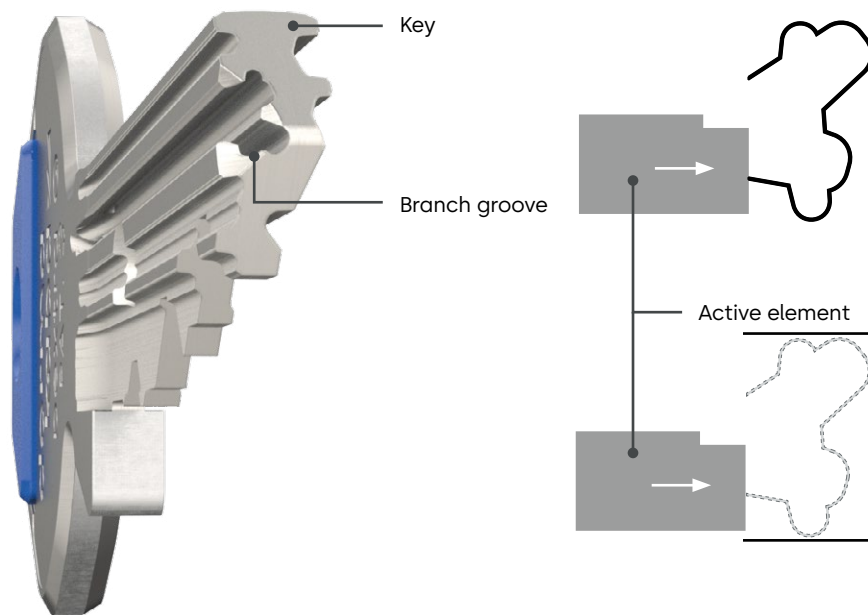
Your advantages at a glance

- Long-term protection by European patent EP4204648* – valid until 2042
- High level of security as it complies with relevant standards, such as EN 1303 and DIN 18252
- Certified in line with VdS-A and VdS-AZ in the version with 5 pins, VdS-B and VdS-BZ with 6 pins
- Standard protection against forcible opening
- Resistance Grade C has already been achieved in the standard version
- Overlapping key profile for better protection against picking
- Patented high-precision undercut key profile (branch groove) for passive copy protection
- New serial number range system – every key is unique and can be precisely assigned
- Picking resistance and protection against drilling provided by additional steel security elements in the lock cylinder
- Optional security elements and special functions for even higher levels of protection
- Flexible in its use with serial keying and with basic to highly complex master key system types
- Can be combined with electronic systems from dormakaba
- Environmental product declarations (EPDs) available

*Not valid in all countries – see worldwide.espacenet.com for details

Setting new standards in design and technology





**pextra Q key
with branch groove**
Key can be rotated

**If the branch groove is
not correctly made,**
the key will only turn
slightly and then be
blocked

Patented high-precision undercut (branch groove) for better protection against illegal key duplication

pextra Q keys are designed with an undercut profile groove. This is called a branch groove and can only be produced using special machines and a complex milling process. An optional active element in the lock cylinder checks whether this branch groove is present and blocks the barrel if an attempt has been made to use an illegal duplicate key.

Multi-layer protection as standard

- Vertical pin pairs and horizontal locking elements check the robust nickel silver key and allow the barrel to turn when the shear line is reached.
- The centering pin protects the lock cylinder against lock bumping.
- The overlapping key profile and special tumbler pins protect the lock from being picked.
- Hardened steel elements in the barrel and in the housing make it difficult to drill or pull the lock cylinder out of the door lock.

Even more security available on request

- You can choose a lock cylinder with five, six or seven tumbler pins – for even greater protection against impressioning.
- Optional certification in line with VdS-A and VdS-AZ in versions with 5 pins, VdS-B and VdS-BZ with 6 pins
- Optional steel security elements protect the lock cylinder.
- Optional sacrificial cut: In the event of attempted manipulation by pulling the lock cylinder, it breaks off at a pre-defined point, and cannot be opened with conventional tools, like a screwdriver. It can still be opened with the corresponding key in an emergency.
- Additional options such as cylinder covers

Our commitment

Security and sustainability



Patent protection

dormakaba pextra Q is protected by patent EP4204648* – valid until 2042 – and guarantees long-lasting protection against illegal key duplication.

Brand protection

Our systems are additionally marked with a logo that is protected as a figurative mark and that makes them easy to identify. The figurative mark symbolises that the key is an original manufactured by dormakaba. Duplicate keys are only produced by authorized dormakaba dealers or dormakaba itself.

Security card & serial number range system

Every new pextra Q master key system and every serial lock cylinder is supplied with a security card containing all the system's security information. This is used to manage the master key system data and to identify the owner when ordering key copies. pextra Q is also available as a partner system, i.e. duplicate keys can be obtained from certified dormakaba sales partners.



Standards and certificates

- Complies with EN 1303 / DIN 18252 standards, Key Related Security Grade 5 for lock cylinders with five pins and Grade 6 for lock cylinders with five pins + optional profile blocking pin and for lock cylinders with six or seven pins
- Complies with EN 1303 / DIN 18252 standards, Attack Resistance Grade D with corresponding door furniture, with steel shim reinforcement in the housing or with a sacrificial cut
- Certified in line with VdS-A and VdS-AZ in versions with five pins, VdS-B and VdS-BZ with six pins
- Fire protection as standard; fire resistant (T90) according to standard EN 1634

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Our commitment to sustainability

We promote sustainable development along our entire value chain and keep our economic, ecological and social responsibility for future generations in view at all times.

Sustainability at the product level is an important and future-orientated approach in the building industry. dormakaba can provide Environmental Product Declarations (EPDs) that reflect the results of ecological life cycle analyses. These EPDs contain quantified data on the environmental effects of a product throughout its entire life cycle.

You can find our EPDs and further information on our commitment to sustainability [here](#) or by scanning the QR code.



Environmental product declaration: EPD

- Declaration number: EPD-DOR-20210194-CBC1-EN
- In line with ISO 14025 and EN 15804+A2
- Publisher and declaration holder: Institut Bauen und Umwelt e.V.



Design your master key system

You have all the options

pextra Q can be used with all types of serial keying and master key systems – from one-key-fits-all solutions for homes to large, complex systems with different levels of access permission. The basis is a key plan, according to which selected keys can open a series of specific doors. To design the key plan, we examine and evaluate our customers' requirements in detail. This means that you will have better control, save costs incurred by duplicate keys and reduce the total number of keys.

Different applications require different solutions



Private homes



Residential complexes



Office buildings or company sites



Large and complex facilities or public facilities, such as universities or schools

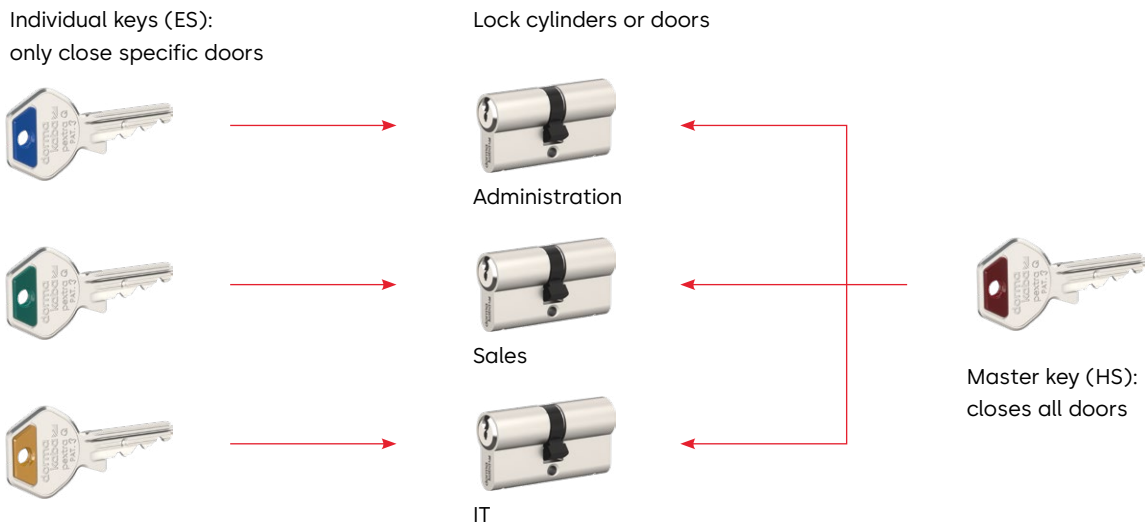
Types of master key systems

Applications and principles

Master key systems

Used in office buildings and schools, for example.

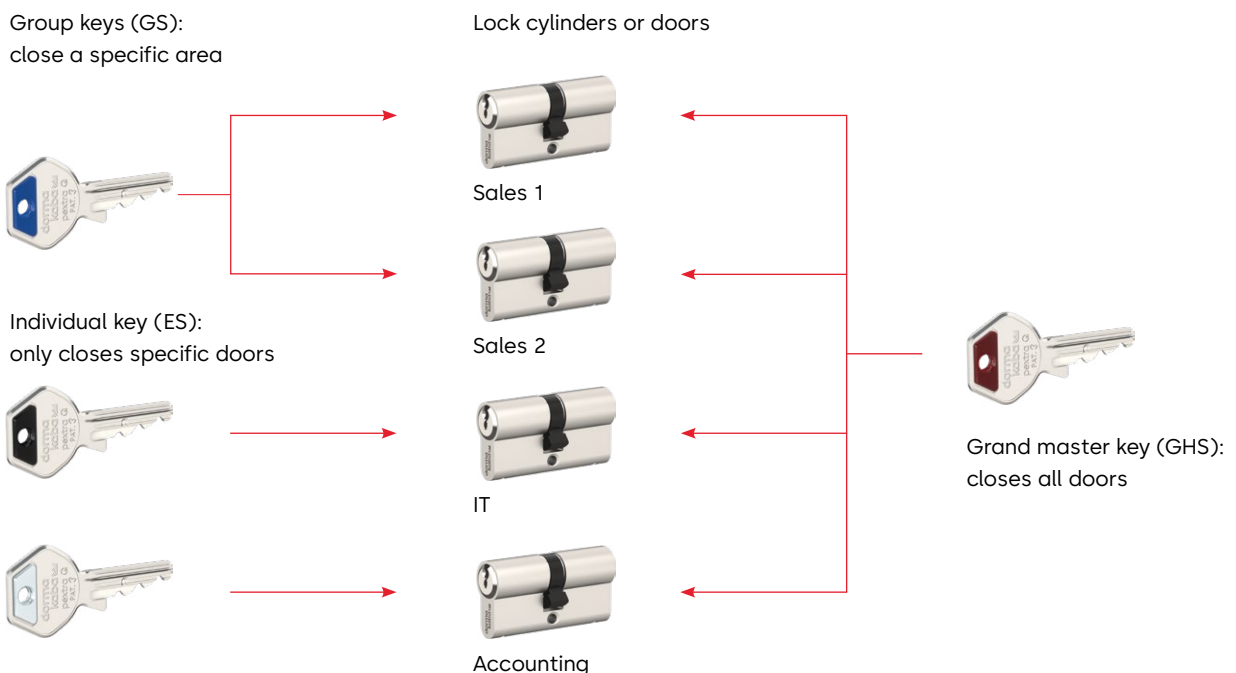
There are single-locking cylinders, as well as one or more higher-level keys (master keys) which lock all the cylinders of the system.



Grand master key systems

Application: e.g. in large office buildings or universities.

In applications of this kind, the functions of a master key system are expanded by adding a grand master key, main group key and group key.



Keyed-alike serial lock cylinders

Application: e.g. for family homes.

All or selected lock cylinders can be locked with the same key.

This simplifies handling and allows for a smaller key ring.

Lock cylinders or doors



Front door



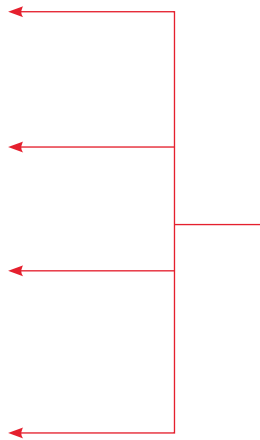
Garage



Mailbox



Padlock



Several lock cylinders with the same keying can be opened with the same key.

Central master key systems

Application: e.g. in residential complexes

Several different individual keys can close central lock cylinders. In addition, there are individual keyings, which can each only be closed by one key.

Individual keyings



Apartment 1



Cellar storage



Mailbox



Apartment 2



Cellar storage



Mailbox



Apartment 3



Cellar storage



Mailbox

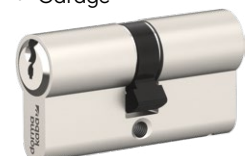
Individual keys (ES):

close the assigned apartment and all central cylinders



Central cylinders:

- House entrance
- Waste room
- Bicycle storage
- Garage



With the special **administrator master key system**, the main areas of several properties (i.e. several locking systems) in different locations can be closed with only one key (administrator key).

Serrated key system pextra Q by dormakaba

Ergonomic opening and visual aid in one – the dormakaba Trendkey



A variety of key styles

Colours for clear identification

Select the shape and function of the key



Standard key with angular bow and lateral blocking element as well as optional mini clip



TrendKey with coloured clip for ergonomic opening



Metal clip key for ease of use with multipoint locks or security rosettes



Key with RFID transponder clip for integration into electronic access control systems

Colours as a visual aid



The large clips for the **standard key** come in eleven colours and the mini clips come in six colours.



The **TrendKey** is available in dark blue, light blue, red, green, yellow and black.



The **metal clip key** is supplied as standard without a coloured ball. Red, green and black balls are available for visual identification, if desired.

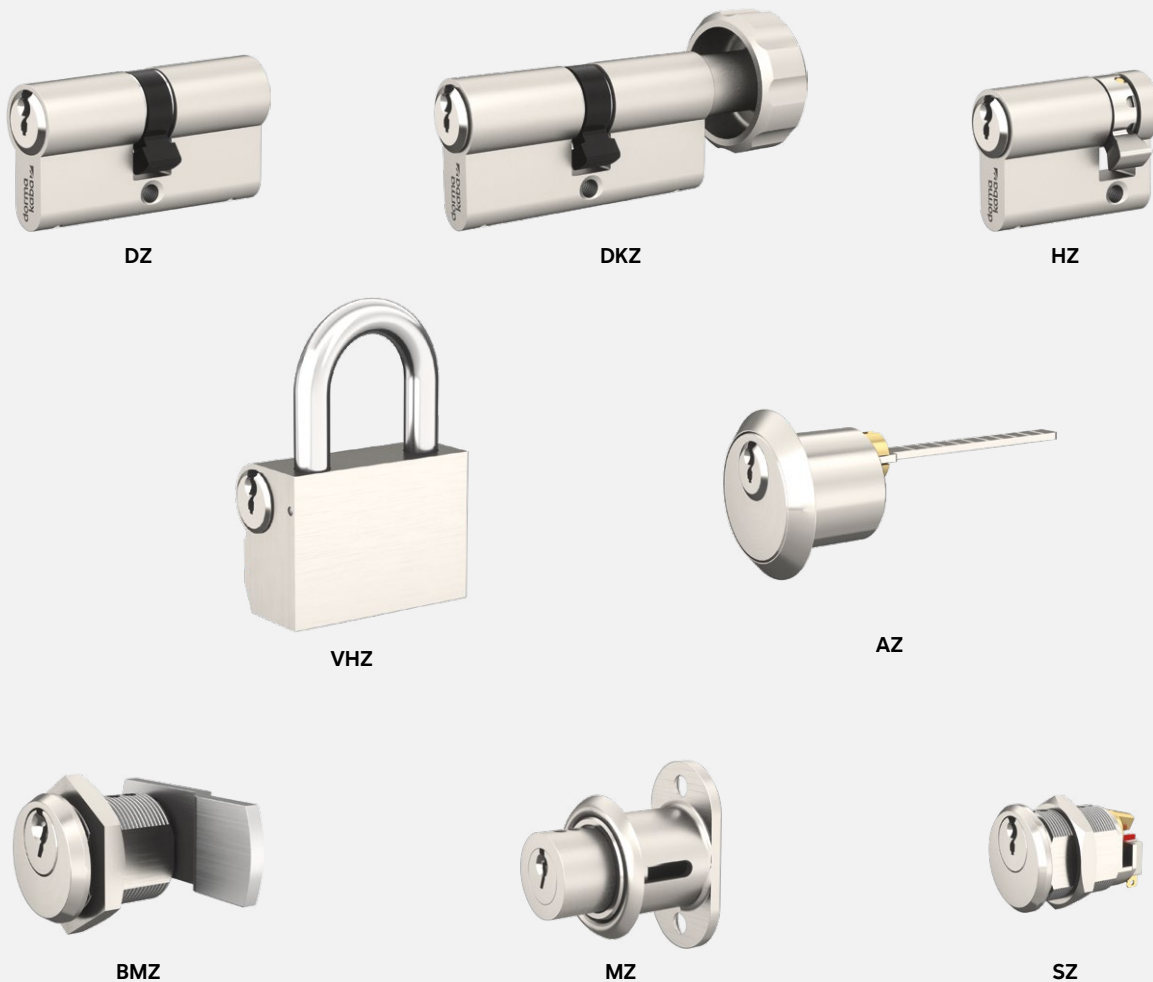


The **RFID transponder clips** have six coloured ring elements for easier identification.

Free choice of lock cylinders

Our range of lock cylinders covers a wide selection of different types for all kinds of applications. The lock cylinders, cylinders for cabinet locks, key switch cylinders and lift controls can be organised into a master key system.

Some of the most important lock cylinder types



- DZ Double cylinder
- DKZ Thumbturn cylinder
- HZ Half cylinder
- VHZ Padlock
- AZ Rim cylinder
- BMZ Cam cylinder
- MZ Furniture cylinder
- SZ Key switch cylinder

Surface finishes

Design and mechanics combined

Since colours and finishes are an important design aspect, our mechanical lock cylinders come in a wide variety of finishes. Nickel-plated and matt brass are the standard surface finishes.

The black lock cylinder is included in our range as BKM – matte black and is based on RAL colour 9005. Depending on your requirements and preferences, different finishes can be combined in one locking system.



01
Nickel-plated (NI)¹⁾

02
Brass, matt (MS)¹⁾

03
Chrome-plated, matt (CRM)

04
Chrome-plated, polished (CRP)

05
Chrome, scotch (CRS)

06
Brass, polished (MP)

07
Brass, brushed (MB)

08
Chemical black processed,
medium (BM)

09
Chemical black processed,
dark (BD)

10
Black, matt (BKM)

Colour of lock cylinder surfaces may differ. ¹⁾ Standard surfaces

Locked from the inside?
Not a problem in emergencies.
Lock cylinder with added value
thanks to emergency override
key function.

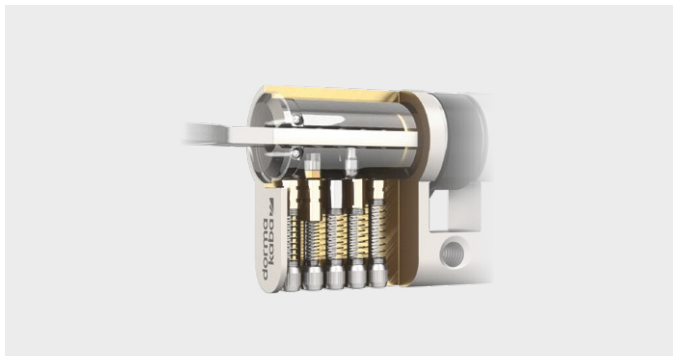


Added value for your master key system

Useful special functions

Depending on your requirements, you can supplement your individual solution with one of our numerous special functions. These offer added value in terms of functionality and benefits. For details, please refer to the brochure "Special functions for serrated key systems".

Self-changeable lock cylinder (SUZ)



Need to change the keys? No cylinder replacement necessary. There are three generations of keys for the self-changeable lock cylinder. The keying of the lock cylinder can be changed up to two times without needing any tools.

Emergency override key function (GF)



Locked from the inside? Not a problem in emergencies. Lock cylinders with an emergency override function let the door be unblocked from one side even if a key has been inserted on the other side of the door and regardless of whether the first key has been turned. This cannot be done using a standard key; instead, a separately managed and registered emergency override key is required.

Steel reinforcement shims version (LAM)



Attack from outside? Strong resistance from inside. Hardened steel shims in the lock cylinder effectively reinforce the housing yoke and significantly boost core pull protection, which complies with Attack Resistance Grade D according to EN 1303.

Dust and weather protection (SSW)



Lots of dust in the air? But not in the cylinder. Two pivoted, spring-mounted plastic shims on the front of the lock cylinder keep out dust and splash water. Their shape makes the key easy to insert.

Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

www.dormakaba.com/sustainability



Our offering

Access Automation Solutions

Entrance Automation
Entrance Security



Access Control Solutions

Electronic Access & Data
Escape and Rescue Systems
Lodging Systems



Access Hardware Solutions

Door Closers
Architectural Hardware
Mechanical Key Systems



Services

Technical Support
Installation and commissioning
Maintenance and Repair



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Subject to technical modifications



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