



# penta cross reversible key system

**The dormakaba penta cross reversible key system combines tailor-made security and very high copy protection with convenient operation. Individual closings, serial lock systems or highly complex master key systems, the versatility of the system makes it ideal for and organising access to any building – not only to family homes and residential complexes but also to public buildings and industrial properties.**

## Secure

- High level of security through compliance with relevant standards, for example EN 1303 and DIN 18252
- Long-term protection by European patent EP2890856B1\* and EP3280854B1\*
- Technical construction protects against the most common opening methods

## Copy-protected

- Additional cross-shaped recess with movable active element in the key
- Querying of the active element in the lock cylinder to release the closing process

## Flexible

- Flexible in its use with basic to highly complex master key system types
- Optional security elements for even greater protection
- Can be combined with electronic access systems from dormakaba

\*Not valid in all countries – see [worldwide.espacenet.com](http://worldwide.espacenet.com) for details

# Certified security and a multitude of possibilities

## Certificates

- EN 1303 Key Related Security Grade 6 and Attack Resistance Grade D for versions with steel reinforcement in the housing
- Safety standards/Certificates (expanded):
  - DIN 18252 Grade C and D
  - VdS Grade B+ and BZ+ for corresponding special design
- Fire protection: Lock cylinder tested according to EN 1634-1 and EN 1634-2

## Different types of keys with different shapes and functions



**Standard key**  
with black clip



**Key with Largekey clip**



**Key with nickel silver**  
long key bow



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

## Colours as a visual aid



For the **standard key**, there are Smartkey clips in 12 colours.



The **key with Largekey clip** is available in 12 colours.



The **RFID transponder clips** have 6 coloured ring elements for easier identification.

## Free choice of lock cylinders

The cylinder programme features a wide selection of types to choose from. You can also integrate, for example, cylinder for cabinet locks, key-operated switches or lift controls into the system. Choose between various cylinder surfaces to match your design.

## Added value upon request: Special functions

If you have very specific requirements for the complete master key system or individual doors, take a look at our comprehensive range of special functions and special designs. For more details on this, please refer to the Special functions for reversible key systems brochure.

## Main special functions at a glance:

- **Key left in the lock? Not a problem!**  
Lock cylinder with key override on both sides (BSZ)
- **Lots of dust in the air? But not in the lock cylinder.**  
Dust and weather protection (SSW)
- **Cold and damp outside? Everything dry inside.**  
Thermally insulated lock cylinder (TIC)
- **Heavy use or corrosion? The lock cylinder is equipped for this.**  
Chemically nickel-plated version (NIC)

## Any questions?

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