

SAT – Secure Access Temporary For mechanical lock cylinders



Benefits at a glance

- Purely mechanical solution with proprietor and service key
- Service key is activated by removing the proprietor key in the 8 o'clock position
- No compromises on physical security
- Easy to use – proprietor always has access
- Suitable for private homes, apartments as well as for small and medium sized master key systems
- Low investment costs
- Little maintenance

Temporary access – at the turn of a key

dormakaba has developed an easy, secure and economic solution for granting service personnel temporary access without investing in an electronic access system. The SAT function grants temporary access to third parties – with a small turn of the key.

Easy and secure

The proprietor - this can be a house or apartment owner as well a realty manager - removes his key in the service position (8 o'clock) to grant temporary access to service personnel. The service key can only open and lock the door from outside and inside in the 8 o'clock position. The door is therefore secure while service personnel are on the premises. After work the service employee securely locks the door again from the outside.

The proprietor has full control – and access at any time

When the proprietor removes his key in the vertical position (6 o'clock) on leaving the building, the door cannot be opened by the service key from the outside. If the service function is active and door has been locked from the inside with the service key, the proprietor still has access from the outside, even if the service key has been left in the lock cylinder. He always has access.

Typical Applications

In the market for private homes and apartments: cleaning and service personnel, dog sitters, neighbours, limited apartment leases

Complex Master Key Systems: e.g. public buildings such as schools to deactivate access for all service key holders (teachers,..) during school holidays.

It couldn't be easier

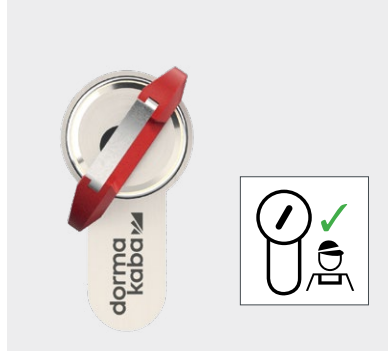
Temporary access – at the turn of a key

In the normal key removal position (6 o'clock) the lock cylinder can be operated from the outside by the proprietor key only.

In the service position (8 o'clock) the lock cylinder can be opened and locked from outside and inside by the service and proprietor keys. The key retraction position cannot be changed with the service key.



Keyway in normal position: 6 o'clock



Keyway in the service position 8 o'clock

Planning – access rights as you like

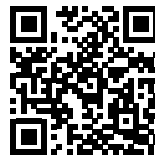
The key plan defines which service keys can open and lock specific outside and inside doors. Cylinder with the change function between standard and service modes are marked SAT2. All cylinders without the change function, but with locking function for the service key are marked SAT1. Your authorised dormakaba partner will be happy to assist with planning.

Identify keys at a glance

The service key is identified on the back side by a code. The key is even easier to identify with one of the 12 Smartkey or Largekey clip colours.

Maintenance

Clean cylinders two times per year with dormakaba Cleaner



Cylinder maintenance

Specification:

Key systems:

- expert plus (K83)
- expert (K56)
- quattro plus (K85)

Types with change function SAT2:

- Euro profile double- (DZ), thumbturn- (DKZ) and single cylinder (HZ)

Types with locking function SAT1:

- Euro profile DZ, DKZ and HZ
- Camlocks
- Outside rim cylinders
- Key switch cylinders

Cylinder lengths:

- All standard lengths and short cylinders (25 mm outside)

Coupling and Cams:

- Double key override clutch (BSZ)
- Exclusively with standard cam

Certification

- EN 1303
 - Key related security grade 6
 - Attack resistance grade D with steel reinforcement in housing (LAM)

Restrictions – cannot be combined with

- Cam with relative movement (RB)
- Contact pin (KT)
- VdS certification (extreme protection)
- Construction key function (BAZ, BAZ3)
- Duplo
- expert cross system

Our Sustainability Commitment

dormakaba is committed to foster a sustainable development along our entire value chain. In order to give quantified disclosures of a product's environmental impact and its ecological footprint, dormakaba provides Environmental Product Declarations (EPDs). Please download the EPD and read more about our sustainability commitment [here](#) or use the QR code provided.



Any questions? We will be happy to assist you.

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