



ix Saturn

## „limitless possibilities“

The DOM ix Saturn locking system guarantees a high standard of security. The basic mechanical system can be modularly expanded with electronic components, thus combining the advantages of mechanics with the benefits of electronics - according to individual customer requirements.

### Technical characteristics

- high level of protection against manipulation thanks to 18 locking authorisation queries (locking system: 24)
- 9 rotating locking elements and one moveable locking strip locking element
- solid pin locking elements made of special brass or hardened steel
- standard drilling protection as standard
- optional highest possible VdS class BZ+ (with modular design)
- single/ keyed alike locks with emergency and danger function (locking on both sides)
- up to 10 solid profile control pins
- 13 mm core diameter
- one-piece cam made of sintered steel
- locking security class according to DIN EN 1303:6
- attack resistance class according to DIN EN 1303:2
- VdS security class 3
- patent protection until 2023

### Execution

- cylinder body made of solid brass
- finish: dull nickel
- reversible key system
- horizontal key insertion
- half cylinder: cam position adjustable in 8 positions
- half cylinder: cam is delivered in 7.00 o'clock position, can be moved to all positions in 45 degree increments
- compatible with DOM electronics (made possible by integrating passive transponder technology into the key bow via clip tag)

### Key

- key thickness: 2,4 mm
- nickel silver reversible key: corrosion-free and low-wear
- active copy protection through movable rolling elements in the key tip (patented), making it difficult to make duplicate keys
- 45° float movable roller makes it almost impossible to make key copies
- no key blanks available on the market



### Options / Special equipment

- different cylinder finishes (polished brass, oxidized bronze, matt black chrome) \*
- increased drilling protection + modular design = VdS BZ+ (VdS\*\*\*)
- freewheel \*\*
- weather protection \*
- 2-in-1 system

### Operational area

- single family houses with high protection requirements
- apartments
- medium to very large companies
- public buildings

## Security options

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### Drilling protection VdS BZ+ = high safety for special requirements

in cooperation with the police, VdS Schadenverhütung GmbH has developed a star system that divides mechanical locking systems into three different security classes, thus providing you with a quick overview of the respective security level.

- recognition by VdS Schadenverhütung GmbH
- VdS checks locking systems and awards recognition from A to BZ+
- drilling protection VdS BZ+ = VdS security class 3
- VdS BZ+: increased protection against drilling and core pulling due to carbide pins in cylinder body and cylinder core arranged in several planes
- this drilling protection variant is manufactured in modular technology with increased tear-off protection
- modular design as 2-in-1 variant has drilling protection VdS BZ

### 2-in-1 system

The DOM system is prepared at the factory for a second lock, which the customer can call up himself if required. With the second set of keys the locking cylinder can be easily recoded. A 360° turn in the cylinder - and the new lock is activated. The old keys are thus easily rendered ineffective.

- 2 x 3 keys, 2-in-1 recodable
- number of keys per key set selectable
- with this option standard drilling protection VdS B, with modular design VdS BZ
- please note that it cannot be reset! After the 1st locking with the 2nd key set, the 1st key set is deactivated forever!



\* this selection extends the delivery time \*\* on request