



## „A good investment must pay off“

The DOM RS Sigma system is the brand name locking system for customers who value high security while keeping an eye on costs. Whether new building or renovation - property or company secrets must be well protected. And that's where some doors come together in apartment buildings, housing estates and other building complexes. Designed as a locking system, RS Sigma offers you the convenience you would expect from a modern locking system. You have the security requirement, we offer the right solution. Secure, fast and reliable. Easy to expand and compatible with the electronic locking systems from DOM, RS Sigma is future-proof and thus protects your investment in the long term!

### Technical characteristics

- high protection against manipulation due to 19-fold locking authorisation query
- 6 spring-loaded locking elements made of special brass/hardened steel on each closing side
- consisting of 12 sectionally graded core and body pins
- solid pin locking elements made of hard bronze/steel, hardened and chemically nickel plated
- narrowed core and body pins
- up to 12 positively guided, solid profile control pins, 45° arranged
- paracentric, two-part core and key profiling
- protected against impact picking by modified design of the pin locking elements
- convex core head with guide funnel for easy closing and opening
- 13 mm core diameter
- one-piece cam made of sintered steel
- according to DIN EN 1303:2015-08, certified according to ISO 9001:2008
- locking security class 6, attack resistance class B according to DIN EN 1303
- locking system is protected by a trademark
- VdS security class 2



### Execution

- cylinder body and cylinder core made of solid brass (high corrosion protection)
- finish: dull nickel
- serrated key system
- vertical 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)

### Operational area

- residences
- medium to large companies
- public buildings

### Drilling protection VdS AZ

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 + modular design = VdS AZ (VdS\*\*)
- VdS AZ+: increased protection against drilling and core pulling due to carbide pins in cylinder body and cylinder core arranged in several levels
- this drilling protection variant is manufactured in modular technology with increased tear-off protection

### Key

- key thickness: 2,4 mm
- nickel silver serrated key: corrosion-free and low-wear
- profile matched gradual steps
- complex coding in the key makes it difficult to make a duplicate key
- ergonomically shaped key head

### Options / Special equipment

- different cylinder finishes (polished brass, oxidized bronze, matt black chrome)
- increased drilling protection + modular design = VdS AZ (VdS\*\*)
- emergency and danger function
- weather protection
- modular technology with increased tear-off protection
- freewheel