



„simple to use - difficult to outsmart“

The DOM ix 6HT system is the entry into the world of reversible keys. It is a system with a multi-stage security concept that offers a high level of protection through the interaction of many technical details. A special high-low milling (HT) in the horizontal basic profile provides additional security during profile control and is extremely difficult to copy. This quality product from DOM achieves protection against mechanical manipulation by using high-strength materials.

Technical characteristics

- high protection against manipulation by 19-fold locking authorisation query
- anti bumping (impact key protection) & anti picking pins (picking protection)
- up to 12 horizontal and vertical profile control pins: control points for the authorization query of a key
- 6 spring-loaded pin locking elements on each locking side, axially arranged, made of special brass/hardened steel offer protection against manipulation
- 12 core and body pins
- narrowed core and body pins for safety during scanning and unlocking
- drilling protection (standard): 2 hardened steel pins in the body, 1 hardened steel pin in the cylinder core
- 13 mm core diameter
- one-piece cam made of sintered steel
- concave core head as key insertion aid
- according to DIN EN 1303:2015-08, certified according to ISO 9001:2015
- locking security class 6, attack resistance class B (locking system class C) according to DIN EN 1303
- patent protection until 2026

Execution

- cylinder body and cylinder core made of solid brass (high corrosion protection)
- 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 a clip tag)

Key

- key thickness: 2,6 mm
- nickel silver reversible key: corrosion-free and low-wear
- high operating comfort due to reversible key
- new key head design
- special high-low milling (lift-out and sloped areas) for optimal key insertion
- complex coding in the key makes it difficult to make a duplicate key (very high key copy protection)
- key blade length adapted to all common safety fittings
- no key blanks available on the market



Options / Special equipment

- different cylinder finishes (polished brass, oxidized bronze, matt black chrome) *
- increased drilling protection
- increased drilling protection
- freewheel **
- weather protection *
- modular design *

Operational area

- larger residential areas
- apartment buildings
- small and medium-sized commercial properties

Increased drilling and core pulling protection

The cylinder is provided with increased drilling and core pulling protection by means of carbide pins arranged in several planes in the cylinder body and cylinder core.

Modular design

The modular cylinder is a profile cylinder in which the different cylinder lengths can be adjusted without great time expenditure by means of suitable intermediate parts of the respective locking system. This also protects against violent „tearing“ and „pulling“ on the cylinder (modular technology with increased tear-off protection).

* this selection extends the delivery time ** on request