



## ix Teco® (7TE) half cylinder + ABUS padlock 86TI/45

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### System ix Teco® (7TE) „Easy access to superior security“

The new ix Teco® reversible key (commercial profile ix 7TE) is particularly well protected against unauthorized copying by an innovative additional stamped recess in the key, based on a patented technology. A special high-low (HT) milling technology in the horizontal base profile increases security during profile control and is difficult to copy. With the innovative and sophisticated design, you acquire a locking system with efficient key copy protection, which is predestined for use in the locking system, but also for individual locks.

### Measurements

- standard shackle height 86TI/45: 32,5 mm, shackle: Ø 8 mm
- case width: 46,5 mm, length half cylinder: 30,5/10 mm

### Technical characteristics

- high protection against manipulation due to 20-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
- 7 spring-loaded pin locking elements, axially arranged, made of special brass/hardened steel offer manipulation protection (6 variable tumblers, 1 function pin interrogation for the stamped recess)
- 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 2038

### Execution

- reversible key system with horizontal key insertion
- cylinder body and cylinder core made of solid brass (high corrosion protection), finish: dull nickel
- solid lock body made of TITALIUM™, special aluminium
- with hardened steel shackle with special NANO protect coating
- 86TI/45: forced locking with 45° position of cam, shackle locked on both sides
- compatible with DOM electronics (made possible by integrating passive transponder technology into the key bow via a clip tag)

### Options / Special equipment

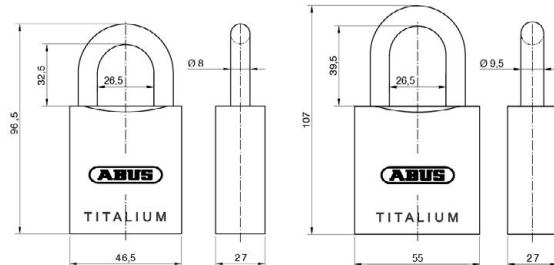
- different shackle height (39,5 mm = 86TI/55)

### Operational area

- indoor, conditionally for outdoor usage
- cellar and lattice boxes, sheds, chain fasteners etc.
- simple doors that are locked with a latch, roller shutters, cupboard systems, barrier fences

### Scope of delivery

- ABUS Vorhangschloss 86TI/45 with DOM ix Teco® (7TE) half cylinder incl. 3 or more keys
- security card



### 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
- with additional stamped recess
- 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

