

High-quality IKON profile in special class SK6 with 6 active spring-loaded pin locking elements. In addition, a total of three different coding types are positioned on both sides or on one side of the key. These codes are scanned in the locking cylinder by up to 9 special springless blocking elements. Missing codings on the key lead to blocking of the locking process. Due to the special arrangement and geometry of the coding on the key, increased key copy protection is achieved. Compared to conventional key profiles, the type of lateral key profile control leads to a considerably higher degree of protection against unlocking and opening.

Technical characteristics

- 6 (+6+2+1) spring-loaded pin locking elements according to DIN EN 1303 or DIN 18 252 for locking security
- paracentric key profiles with sickle-shaped incisions, controlled up to 6 locking slide elements for unlocking security
- lateral coding controlled by 2 passive scanning pins
- patented security query through a special groove on the key
- drilling protection class 1 (AB = 1) standard
- very high protection against picking due to special profile design and pin combination
- core pins made of wear-resistant special bronze
- crowned cylinder core head with reinforced key insertion
- cam made of break-proof, corrosion-resistant nickel silver profile
- DIN EN 1303, locking security class 6
- DIN EN 1303, attack resistance class 0, optionally with drilling protection class B/D and pulling protection
- protected key profile with security card

Execution

- conventional locking system
- vertical key insertion
- cylinder body: brass matt nickel plated
- half cylinder: standard cam position 90° left, cam can be adjusted 8-fold in 45° angle
- combination with electronics possible at any time using transponder key, also as subsequent extension

Key

- nickel silver serrated key with square metal armour bow and black coloured pin
- plastic pin in different colours
- colour pins: these can indicate the assignment (e.g. locking authorisations) of the keys, simplifying key management

Options / Special equipment

- different cylinder finishes
- emergency and danger function
- increased drilling protection class 2 (AB = 2) / class 3 (AB = 3)
- core extraction protection
- VdS certification (on request)
- weather protection

Operational area

- private houses and apartments
- office and commercial areas
- wooden doors, tubular frame doors, aluminium doors, etc.



Standard drilling protection class 1 (AB = 1)

- core pins made of hardened steel and at least one hard metal pin in the lock cylinder body

Increased drilling protection class 2 (AB = 2)

- for increased safety requirements
- reinforced drilling protection through additional carbide pins in the cylinder core and cylinder body

Increased drilling protection class 3 (AB = 3)

- for high safety requirements
- drilling protection in the cylinder core and cylinder body made of a combination of several special carbide locking elements

Core extraction protection

To prevent core or lock cylinder extraction, the core extraction lock is available with extraction protection and integrated drilling protection AB=3 for profile cylinders (VdS approved). The core with core extraction protection is always supplied without surface treatment in nickel silver.