

## SK6 Blocking wave undercut extra code

High-quality IKON profile in special class SK6 with 11 active spring-loaded locking elements. An additional coding, the locking shaft, is milled into the long sides of the key. This coding is scanned in the locking cylinder by special spring-loaded locking elements. Missing or incorrect codings on the key block the locking process during locking attempts. The additional undercut in the key profile also ensures a very complex shape of the key and thus increased copy protection. The requirements for technical copy protection of the key as well as protection against unlocking and opening are fulfilled to a very high degree by the blocking wave profile.

### Technical characteristics

- 11 (6+5) spring-loaded, actively acting locking elements in accordance with DIN EN 1303 or DIN 18 252 for locking security
- an additional coding, the blocking shaft, is milled into the long sides of the key
- paracentric key profiles with additional blocking wave coding and undercut for unlocking security
- drilling protection class 1 (AB = 1) standard
- very high protection against picking and impact key technology due to additional blocking shaft, pin combination and additional blocking shaft coding
- 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
- profiles for general master key and master key systems
- 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 chalk
- optionally with colour pins in different colours: these can indicate the allocation (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)
- core extraction protection
- low-wear version
- weather protection
- freewheel

### Operational area

- private houses and apartments
- office and commercial areas
- wooden doors, tubular frame doors, aluminium doors, etc.
- only for general master key and master key systems



### Standard drilling protection class 1 (AB = 1)

- 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

### Core extraction protection

To prevent core or lock cylinder extraction, the core extraction lock is available with extraction protection and integrated drilling protection AB=2 for profile cylinders (VdS approved). The core with core extraction protection is always supplied without surface treatment in nickel silver.