



**3KS**

3KSplus is a reversible key system which is characterised by a unique functional principle. In contrast to classic locking systems, the blocking elements in the 3KSplus cylinder are moved without springs and are not pressed against a spring force. This means maximum security and wear resistance.

Thanks to the immense variation possibilities, complex locking systems can be calculated.

The organisational, legal and highest technical key protection guarantees top duplicate key security. The patented curve guide ensures even greater security and easier key insertion

## Technical characteristics

- modular design (SYMO)
- springless technology
- 12 springless, massive locking pins are brought into a specific position via positive control of the six key curves and scanned by 2 control bars
- blocking bar in the core controls the additional coding of the key
- carbide drilling protection in core and body
- picking and scanning protection (has several locking pins and it is not possible to tell which locking pin is effective in each individual case, free movement of the locking elements in the core makes scanning almost impossible)
- impact key protection
- pulling and tear-off protection by carbide metal side control bar and the modular design (SYMO)
- certified according to DIN EN 1303:2008
- patent protection until 2025

## Execution

- reversible key system
- vertical, easy key insertion
- cylinder body: brass matt nickel plated,  
cylinder core: base material nickel silver
- slide coating of all locking elements
- half cylinder: cam adjustable in 8 positions

## Options / Special equipment

- different cylinder finishes (burnished, brass polished)
- increased drilling protection
- emergency and danger function
- freewheel
- weather protection
- modular design

## Operational area

- universities
- retail chains and industrial companies
- cultural and leisure facilities
- residences
- apartment buildings
- medium-sized to large companies
- public buildings



## Key

- key thickness: 2,2 mm
- reversible key made of special resistant nickel silver alloy
- highest wear resistance
- easy key insertion through uniquely rounded key tip
- overlapping curve milling protects against key manipulation and ensures maximum safety
- optional: key caps, key with coloured dot, key with extended key neck