

Conventional key system

UDMplus



Keep pace with increasing demands – greater protection for properties and investments

Every new project, every replacement of existing structures, poses ever-greater demands on the security of the locking technology. For the UDMplus locking system, therefore, new features have been developed to satisfy the increased requirements and that are also protected by patent until 2042*.

UDMplus overview

The new system is based on the tried-and-tested principle of the 'double undercut'. In UDMplus the undercut is interrupted and is easy to recognise on the key profile. In the cylinder, four additional pins are responsible for checking whether the undercut and interruption are correctly positioned and formed. In combination, the two features increase the level of security.

System description

- Patent term to 2042*
- One housing pin and all of the plug pins are made of hardened steel (as additional protection against drilling)
- Anti-scanning feature with specially designed housing pins to effectively protect against picking-tools
- A guiding groove runs over the cylinder plug to provide positive transfer of the key torque
- Robust nickel-silver key to DIN standard, designed for ordinary protective handle sets with cylinder cover
- Extremely varied, legally protected profile
- Manufacturer profile for use in master key and grand master key systems
- Also available in British and Scandinavian housing profiles
- With security card
- Available in various finishes
- Modular version available
- Can be combined with electronic locking systems from CES and the AccessOne access control system



Certifications

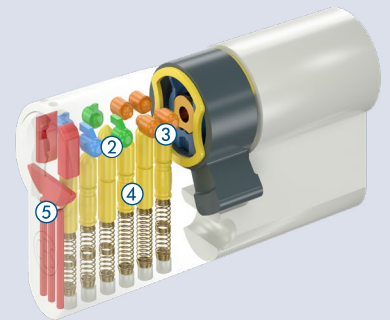
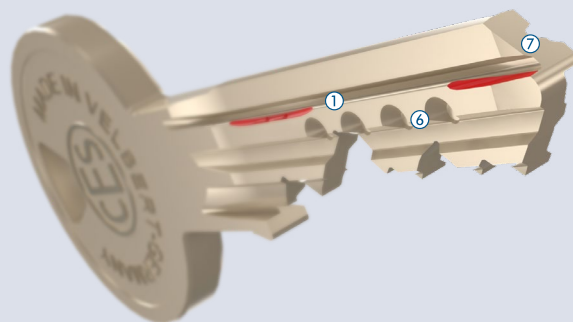


Illustration shows 6-pin system

- ① Technical protection against copying with interrupted undercut
- ② Four query elements for checking the shape and position of the interrupted undercut
- ③ Four horizontally arranged control pins

- ④ Pin tumblers (spring-loaded)
- ⑤ Anti-drilling and anti-pulling protection in plug and housing (optional)
- ⑥ Lateral coding
- ⑦ Optimised key tip for easy and accurate key insertion



* Patent in application



Modular version



Variety of cylinder colours

