



# Kaba 20 Long Life patent protected master key system

## **New patent for Kaba 20, valid until 2033**

dormakaba stands for reliability, security, highest quality and sustainability. The new European Patent applying to Kaba 20 key blanks, keys and its functionality increases the patent duration on this already successful series until 2033. This new patent is an evolution of a design that has proven its strength and durability within industrial applications in some of the most challenging locking environments over many years.

The unique cylinder design is precision engineered to precise tolerances incorporating up to 22 pins arranged radially giving a high degree of protection against surreptitious manipulation. Additional hardening can be incorporated to resist against prolonged physical attack. The unique milled key is strictly controlled and duplicate keys are only available directly from the factory with a

pre-agreed authorisation process, this giving the user complete confidence in the integrity of their locking system.

dormakaba engineers, manufactures, and provides solutions for some of the most demanding security applications in some of the most extreme environments. Kaba 20 is the number one choice for clients who need to secure and control access to personnel and equipment through doors, gates, barriers, enclosures and cabinets.

Kaba 20 proves time and time again that it is highly reliable and durable, with years of extensive success in OEM applications. On top of that dormakaba are unique in being able to offer a technical consultancy to engineer specific solutions, functionality and suiting for bespoke customer requirements from our offices in the UK.

# Bespoke high security key systems, engineered to your specification

## Applications include but not limited to:

- Utilities (Water, Power, Telecom)
- CNI
- Rail (Rolling Stock & Infrastructure)
- Vehicle Security
- OEM
- Mental Healthcare
- Marine
- MoD & Central Government

## The advantages of Kaba 20 at a glance:

- European Patent valid until 2033
- Key blanks not available for retail sale
- Duplicate keys only available from dormakaba with valid identification and authorisation
- The key can be inserted either way up and has no sharp edges
- Permutation capacity allows for large complex master key systems
- OEM cylinders and custom made cylinders on request
- Option for additional protection against drill attack
- Extra length keys and big head keys can be supplied
- Up to 12 different colour coded key caps for the standard key
- Ability to integrate with access control systems
- Anti-pick/bump resistant pins in wear resistant hardened steel.
- Can be configured for key captive for certain applications



## Kaba modular

This kaba modular system lets cylinders be reassembled on site to other lengths or even other cylinder types with little effort. The keying remains unchanged.

## Keys

Kaba reversible keys are made of nickel silver, with unrivalled strength and durability making them ideal for industrial applications.

Three different key types are available, again to suit a range of applications: Standard, extra length and big head keys.

## dormakaba cylinders can do more than just lock and unlock

With its special functions, dormakaba cylinders can do more than you would think.

- Multi key entry
- Anti-ligature thumbturn available to combine safety and security
- Multi Key function
- Additional drill protection
- Construction key
- Various cam options

## Cylinder types

- Double, single and thumbturn cylinders in 22mm Swiss round and euro profile
- Rim cylinders
- Scandinavian cylinders
- Camlocks
- Key switches
- Padlocks (CEN rated)
- Furniture cylinders and locks
- Cabinet & glass cabinet locks
- OEM Cupboard & Multi-point locks

## High permutation capacity

The Kaba 20 high security cylinder series comprises of four radially arranged rows of pins, with up to 22 tumbler pins, with 20 pin positions that can simultaneously be used. This arrangement helps create a theoretical permutation capacity of over 726 billion whereby large and complex master key systems can be realised.

## Custom locks

The engineering capabilities and the compact dimensions of the insert allows it to be built into all kinds of cylinder profiles and locks for use in many demanding OEM applications. Please get in contact to discuss your requirements..

## Investment security

The modular construction and the possibility to extend master key systems and to retrofit mechanical keys with RFID transponders guarantees flexibility and secures your investment for years to come.

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