



Kaba matrix –
dealer system with long
patent protection

Proven Reversible Key Technology for Licensees



Cylinder cross-section

Kaba matrix is a cylinder system with three tumbler pin rows that is suitable for master key systems as well as for keyed alike lock cylinders. The Kaba matrix System meets the requirements of standard EN 1303, Key Related Security Grade 6 and is burglary resistant according to DIN 18252 Gr. 82. Kaba matrix is also safe against the "bumping method", which has caused great concern.

Ergonomically correct reversible key system

Kaba reversible keys are inserted vertically, ergonomically correct, into the keyway. Thanks to reversible key technology, it makes no difference which way the key is inserted into the lock cylinder.

Kaba Key Milling

The dealer code of Kaba matrix keys are manufactured in a CNC controlled slideway milling method guaranteeing highest precision. They are characterized by a high level of security, minimum wear and are highly reliable.



Kaba matrix „SmartKey“



The Kaba matrix „LargeKey“ is ideal for long rosettes and multiple point locks

Kaba cylinder housings with steel shim reinforcement

Kaba matrix lock cylinders can be optionally supplied with steel reinforcement plates or specially hardened metal tumbler pins. This provides high protection against tearing off cylinders.

Security for the user

Replacement keys may only be ordered from authorized dormakaba licensees and only against presentation of a registered security card.

Investment Security

Kaba matrix lock cylinders are built in a modular system. This makes it possible to modify cylinders simply and quickly by authorized dormakaba dealers. The modular design increases the flexibility of the system and provides the highest level of investment security.

Upward Compatible

Kaba matrix lock cylinders are upward compatible to the mechatronic Kaba evolvo system. Replacing the key clip with an electronic chip makes the key an electronic access control medium that aside from its mechanical keying can also be used for time and data recording, cash free vending and as an identification medium in electronic access control systems.



12 different key clip colors help in organization



Increased protection against tearing and pulling with steel reinforcement and hardened tumbler pins and bolts



Kaba matrix can also be integrated into mechatronic master key systems

Keyed Alike Lock Cylinders or Master

Kaba matrix enables access privileges to be assigned for private homes, apartment buildings, businesses and practices. The master key plan defines who has access where and with which key.

One key for all

The Kaba matrix System can be used in all cylinder types (double cylinders, thumbturn cylinders, furniture locks, padlocks, switch cylinders, etc.). Special cylinder forms for individual applications according to customer requirements can be realized.

Our specialty: The lock cylinders can be ordered so that they all can be opened and locked with one single key (keyed alike lock cylinders).



Kaba matrix can be used in many different styles of cylinders and locks.



With Kaba matrix the key ring becomes noticeably lighter.

Added Value with Kaba matrix

By using the dormakaba master key system Kaba matrix, licensees can increase the value of their operation with only moderate effort. The modular design of dormakaba lock cylinders allows cylinders to be modified and even cylinder inserts to be filled on site. With the dormakaba system orders can be fulfilled even faster, because the dormakaba licensee has everything needed to make cylinders and keys at his premises.

Dealer Concept

The Kaba matrix master key system is sold exclusively to Kaba licensees. Each Kaba matrix licensee has his own dealer code, that milled onto all keys by dormakaba. Thus the licensee has the guarantee that his customers receive replacement keys and extensions of the master key system from him exclusively. dormakaba licensees receive professional training from dormakaba and can acquire tools that significantly simplify the insert filling process.

Keys

Kaba matrix keys can be bored with mechanical Silca key milling machines of the Matrix series and also with electronic Silca milling machines Triax and Quattrocode. The master keys for the Matrix milling machines are produced exclusively by dormakaba for their licensees.

Kaba matrix key styles

The standard SmartKey clip is available in twelve different colours. The LargeKey clip with seven different colours and the armour (long) key bow are suitable for security door hardware and multiple point door locks.

Silca Matrix SLX key milling machine



Disclaimer:

Kaba matrix keys can be produced on Silca Matrix machines, provided that they are properly used and operated at all times. dormakaba offers only general recommendations regarding the proper use of Silca Matrix, but cannot take responsibility for the results of the key cutting. The fulfilment of the dormakaba quality criteria remains the absolute responsibility of the key producer (ie. the dormakaba Partner).

dormakaba armour bow, customer coinage available



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