

KABA®

Kaba expert™ Cylinder Systems

Access Control Solutions For Your Security



A custom designed restricted keying system such as Kaba expert™ provides convenience, ease of use and security to suit any situation where access to authorised areas must be restricted or controlled.

The diversity of the Kaba key system allows options ranging from a simple Keyed Alike system operated through the one key to a specific grand master key system, more appropriate for large and complex systems.

The Kaba expert™ system is suitable for use in all types of domestic, commercial and institutional buildings where key control and drill resistance are required. The expert™ cylinder systems have been used in applications including Sydney Airport, Sydney University, KPMG, Santa Sabina College and Astra Zenecca.

It is virtually impossible to copy Kaba expert™ keys without the special machines used by Kaba Australia Pty Limited or Kaba authorised dealers. Every key system permutation used by Kaba Australia Pty Limited or an authorised dealer is unique and unlike any other pin tumbler system, which must repeat the same pin combination. The Kaba expert™ system permutations are never repeated

Kaba expert™ Cylinders

The Kaba expert™ system can be used with over 50 different types of cylinders. With such a large range of cylinder options Kaba expert is the access solution to suit your needs.

Maintenance

The use of oil, grease or graphite to lubricate the cylinder may result in the malfunction of the mechanism. For this reason use only Kaba Cleaner for lubrication and cleaning.

Kaba Lock Lube

The special ingredients lubricate and clean the cylinder.

90/KABA 90mL Kaba Cleaner Spray

200/KABA 200mL Kaba Cleaner

Propellant Spray

Finishes

Cylinder cores are available in:

Satin Chrome Plate SCP

Polished Brass unlacquered PBU

Housing are available in Kaba applied architectural finishes:

Chrome Plate CP

Polished Brass PB

Polished Brass unlacquered PBU

Satin Chrome Plate SCP

Florentine Bronze FB



Round Cylinder

Suits: LOCKWOOD 205, 207, 255 and 257 deadlocks inside cylinders only ORB security locking bolts



Oval Cylinder

Suits: KABA MB, ML, MP, MS & 950 Mortice Lock Series EFCO 3000 & 6000 series LOCKWOOD 570, 590, 3572, 3582 series



Outside Cylinder

Suits: KAWNEER locks, ADAMS RITE mortice locks and panic bars, VON DUPRIN 4458 series panic bars



Cam Lock Cylinder

Suits: Cupboards



Deadlock Cylinder

Suits: LOCKWOOD 001



PD Cylinder

Suits: Kaba K Series, KL Series, LK Series and 3000 Series Lock-sets



Euro Single Cylinder

Suits: Fixed cam applications.



Euro Double Cylinder

Suits: Fixed cam applications. Also available with floating cam



Euro Cylinder

Suits: Gainsborough Tri-lock



Cupboard Lock

Suits: Cupboards and drawers



Switch Cylinder

Suits: Key, Momentary, ON/OFF and 4 Position Switches



Padlock

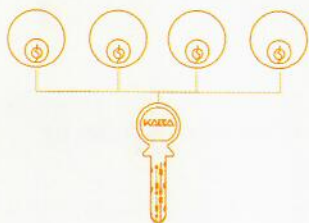
Suits: All heavy duty applications

Kaba expert™

Keying Combinations



Keyed To Differ



Keyed Alike



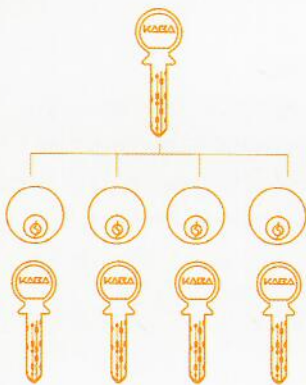
Maison Keyed

- **Keyed to Differ** : Each lock can only be opened by its own individual key.

- **Keyed Alike** : Allows for a number of locks to be opened by the same key. There is no limit to the number of locks that can be keyed alike.

- **Maison Keyed System** : Often used in apartments. Each apartment has its own key which will not operate the doors to another apartment but will operate the locks to communal doors

- **Master Keyed System** : Each lock has its own individual key which will operate no other lock in the system. There is a master key which will operate all locks in the system.



Master Key System

- **Grand Master Key System** : Each lock has an individual key and the locks are divided into two or more groups. Each group of locks is operated by one Master Key with an overall Grand Master Key.

- **Temporary Construction Keying** : Locks are keyed alike for the builders convenience and security for the owners. When the building is completed the construction cylinders are removed and final cylinders installed.



Grand Master Key System



12 different coloured key clips



The Kaba expert™ System

Security of Kaba expert

The 22 possible pin positions arranged into 4 rows, together with the unique pinning methods, permits Master Keying without using master pins or wafers. Combined with uniform length of top and bottom pins and springs, these features provide the best possible situation to guard against picking, raking, impressioning or manipulation with a key.

There are a minimum of 2 hardened steel pins used in each cylinder to resist drilling and indiscriminate key duplication is safeguarded by patent protection through the unique depressions and grooves in the key and by the very close tolerances used during the manufacturing process.

Key Registration

Every key issued is registered by the factory of the authorised dealer supplying the keys and a registration certificate is issued to the owner. The owner must complete the details on the certificate which includes the signature of the person/s authorised to obtain additional keys and return the certificate to the factory or the authorised dealer nominated on the certificate

Bumping Method

Kaba expert cylinders can not be opened by use of the bumping method.

Supply of Additional Keys

Additional keys or locks may be ordered from Kaba authorised dealers.

Authorised Dealers

Authorised dealers are selected for their competence and ability to build and service Kaba systems and have entered into an agreement which covers the security of the systems as well as technical and service aspects. Kaba Australia Pty Limited has provided complete training, uniform records and machines to ensure that Kaba standards are met and maintained.

Key Identification

All keys are supplied stamped with a supplier code, master key plan and key number. Special numbering of keys is available if required.

Reversible Keys

A unique design means the Kaba key is one of the few high security keys that can be inserted either way up. The series of grooves and impressions result in a smooth key insertion and convenience for the user.

Features of the Kaba expert System

The Kaba expert system is a master keying system permuted and assembled by locksmiths with extensive master keying capabilities. The modular design allows adaptation to all cylinder housings and the modular insert is easily assembled. The smooth operation of the system avoids key breakages and the highly sophisticated positioning of pins (22 pairs) caters for large keying systems whilst maintaining the maximum same level of security. This system cannot be picked.

Patented Reversible Key System by Kaba.

The expert System is protected by strong international patents, valid until 2020. The key blanks are patent protected against unauthorised duplication and there is a reversible keysystem for high security and comfort. There are also practical and comfortable exchangeable keybows in 12 different colours making it easy to identify your keys.

Specifications

- Four radially located rows of pins operating on two sides and two corners
- Twenty two possible pin positions
- Nickel Silver Key
- Theoretical Number of different keys: 269, 684, 519, 731, 200

