

SECURITY INFORMATION WITHOUT ROCKET-SCIENCE

CYLINDER LOCKS – THE PREFERRED CHOICE

Keys for 2, 3 and 4 lever locks are generally available over-the-counter, by simply quoting the key number, and these locks are therefore no deterrent to any dishonest person. These lever locks should **NEVER** be used on any external doors, or on any doors where lives are at risk, or where valuables, machinery, business information or saleable goods are stored. A burglary using keys (without forcible entry) could result in rejection of an insurance claim!



Heavy cylinder mortice lock with separate double-throw deadbolt

The lightest lock to be considered for such doors should be a heavy 5-lever lock, (such as those made by CISA, Legge, Union or Yale) or a pin tumbler **CYLINDER MORTICE LOCK** (such as CISA, Dorma, Iseo, Legge, Union or Viro). The strength of the **mortice** lock lies in the fact that it is fitted "inside" the door and becomes part of the structure, offering better resistance to attack and to the weather.

Cylinder Mortice locks are usually the preferred choice because of the greater security and flexibility offered by the cylinder (the part of the lock that the key fits into). Cylinders can be easily removed and changed whenever a key is lost or stolen, without removing the lock from the door. If the lock and cylinder are correctly fitted, the cylinder can be changed using only the correct key and a screwdriver!



Cylinder latching deadlock



Double cylinder (key operation from both sides)



Half Cylinder (key outside only)



Cylinder with a thumbturn on the inside

The most secure cylinder is usually the **double cylinder** which needs a key from either side to open it. Also available are half cylinders (operation from outside only) or cylinders with a thumbturn on the inside and key operation from outside. Lock cylinders can be master-keyed (different key for each lock and a master-key to fit all), or keyed alike (same key fits the set of locks) to suit the changing needs of a growing business.

Fitting a cylinder mortice lock in place of an existing lever lock will usually entail changing the door handles as well. In cases where this is not desirable, the same level of security can be achieved by fitting a **MORTICE CYLINDER DEADLOCK**, above or below the existing lock. The deadlock requires no handles, and is usually used for additional security. It does **not** self-lock but is locked and unlocked only by key. It can be fitted optionally with a high security cylinder, or a master keyed or keyed alike cylinder, to suit the needs of the client.



Mortice Cylinder Deadlock

Accountants, attorneys, banks, jewellers, stores, warehouses and those with high value goods, intellectual property or higher risk levels, will generally opt for high security lock cylinders, such as **CISA ASTRAL TEKNO S01** or **CISA C3000 T06**. These high security keys are not simply copied from a sample, but are registered keys that are made only against ID and authorised signatures.