

References

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Locks

KB II 8/30/11

STUDENT NAME

The Pin Tumbler

One of the most useful and overlooked things is the simple lock. Most of my studies are focused on the pin tumbler lock and how it works. All the locks are mentioned at the end of the brochure. From the easiest lock to pick to the hardest, we'll look into these simple wonders.

The first lock was invented in ancient Egypt 4000 years ago. This lock is the pin-tumbler lock, made out of wood and pins. It may not surprise you, the Egyptians had surprising architecture and ingenuity of the time.

Those very same locks are keeping people out of your house at night, with a few modifications. Yes I'm talking about the cylinder pin-tumbler lock. I will use this lock as the example of how simple locks work. Inside the lock there several pins that push down on the turning mechanism, pushing past the turning mechanism, not allowing the mechanism to turn. A key lines the pins exactly with the turning mechanism, allowing the turning mechanism to turn and unlocking the door. The pin tumbler lock is the most common, or used lock in the western Hemisphere.

The Strong, and The Hard.

You may ask what locks are the safest to use. Well in my studies I have found that electro-magnet locks, which exert thousands of pounds of pressure, are very hard to pick and will only open when the right card is inserted. These locks are found in hotels, but don't exert thousands of pounds of pressure. Commonly used by Government banks or military operations to seal of areas and safes. These locks don't have to rely on cards though, there are many number of ways to keep the door shut and tight.



Other Locks

There are 12 other locks other than the traditional pin tumbler lock mentioned from my source. Such as the European Profile" Cylinders, Master-Keyed Pin Tumbler Locks, Master-Ring and SFIC Cylinders, Tubular Pin Tumbler Locks, Dimple-Key Pin Tumbler Locks, Secondary Locking Mechanisms, Wafer Tumbler Locks, Disk Tumbler Locks, Combination Locks, and finally Electronic Locks. Some locks serve different purposes; like surprising lock pickers with a custom made 8 pin lock (custom locks are beyond rare).



Summery

Well we've looked at the pin tumbler lock and how it works, the hardest lock to pick, and all the types of locks. I hope these facts of the lock help you in the future.