

Locks and Lockpicking:

You can pick your locks, you can pick your friends,
but you can't pick your friend's locks

Sam Factor
GSPS
12/06/2019

Takeaways:

1. Locks buy you time, NOT SECURITY
 - Most/all locks can be defeated by an expert
 - You just have to look/be more secure than your neighbor
2. You get what you pay for
 - Cheap locks are shit, good locks are really expensive
3. Picking is all about the tension!

How locks work

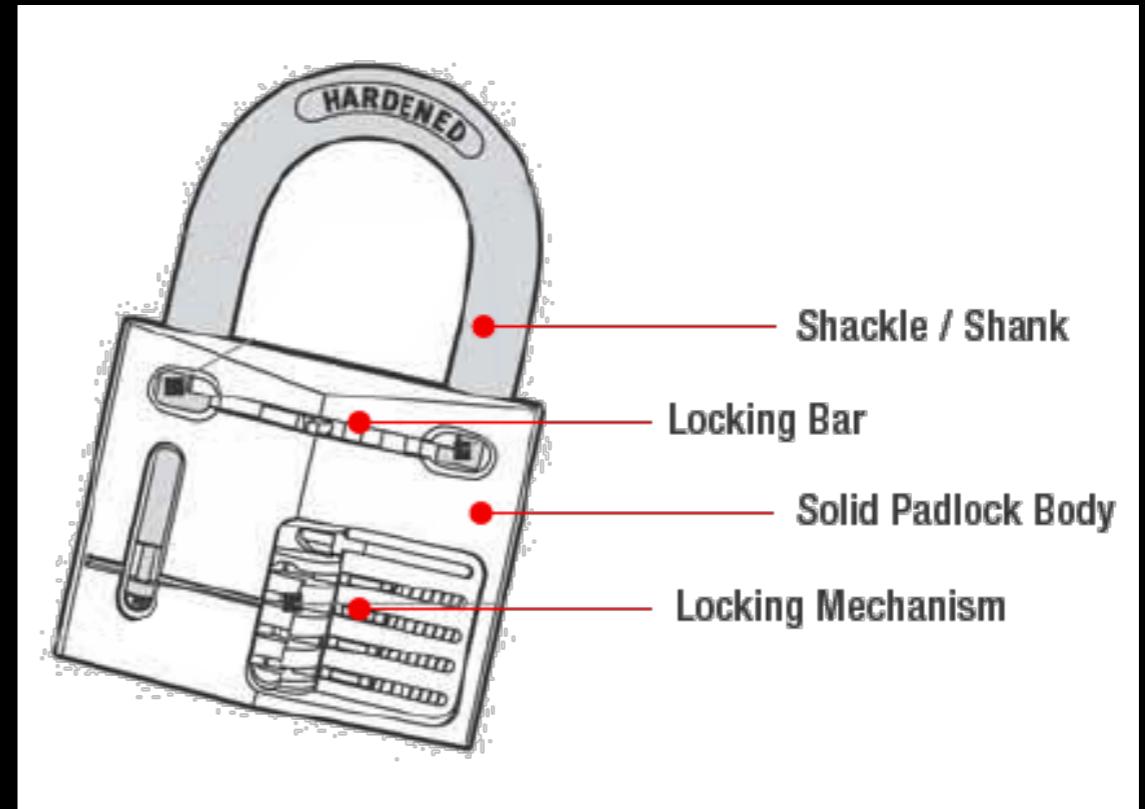
Parts of a lock

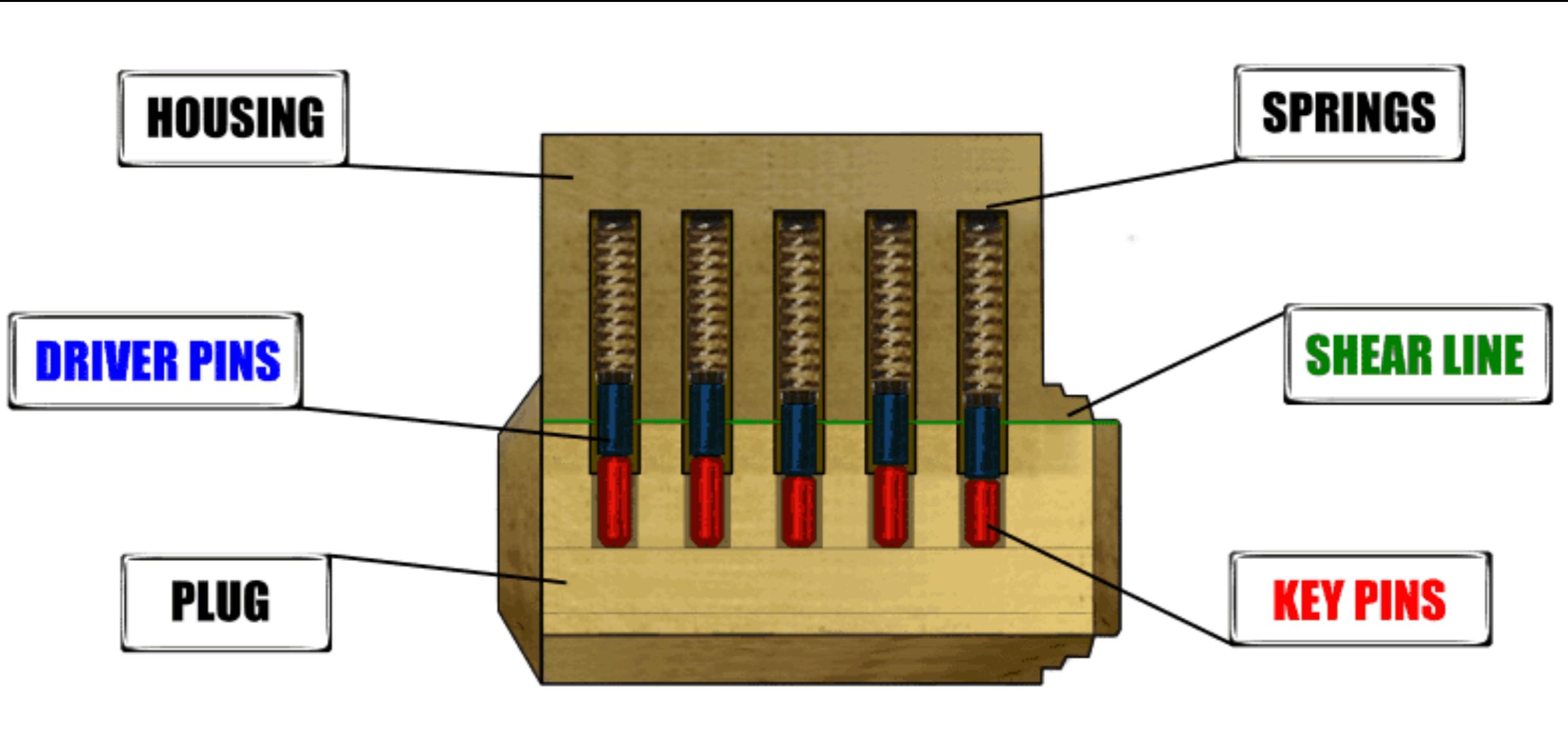
Generally:

1. Something keeping you out
2. Something that moves #1 or keeps it from moving
3. Something that only the correct person can operate

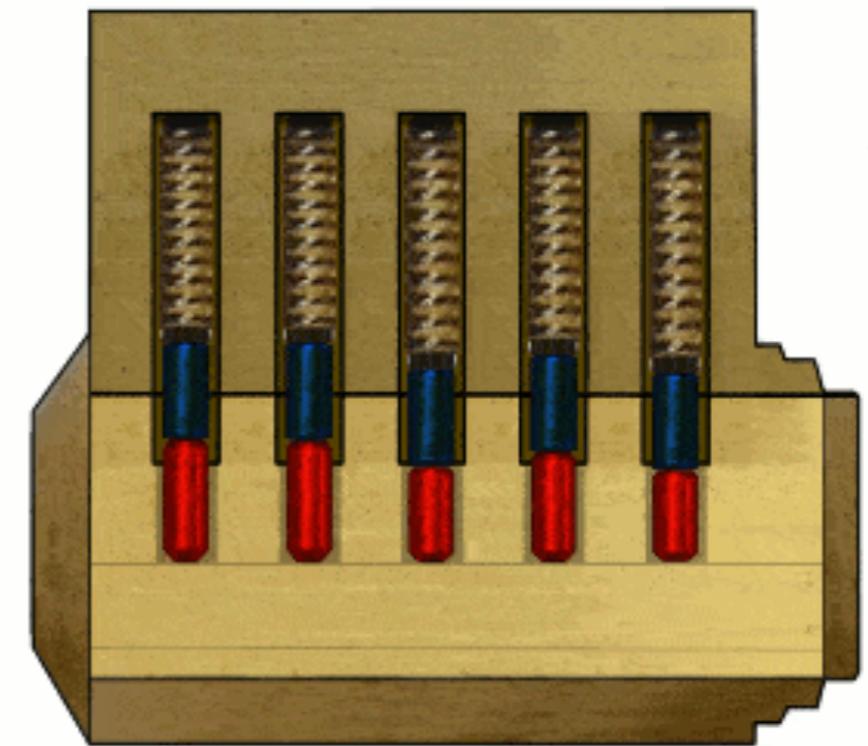
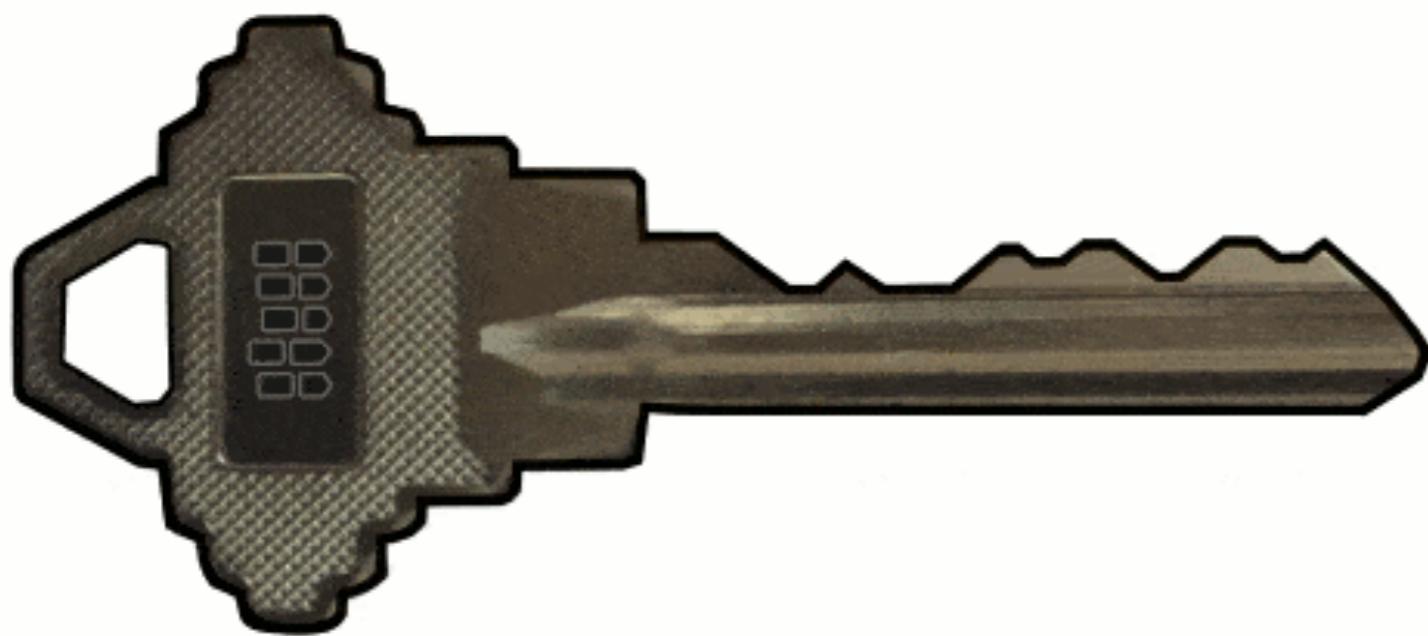
All three of these can be attacked:

- Destructive
- Bypass
- Picking, decoding etc.



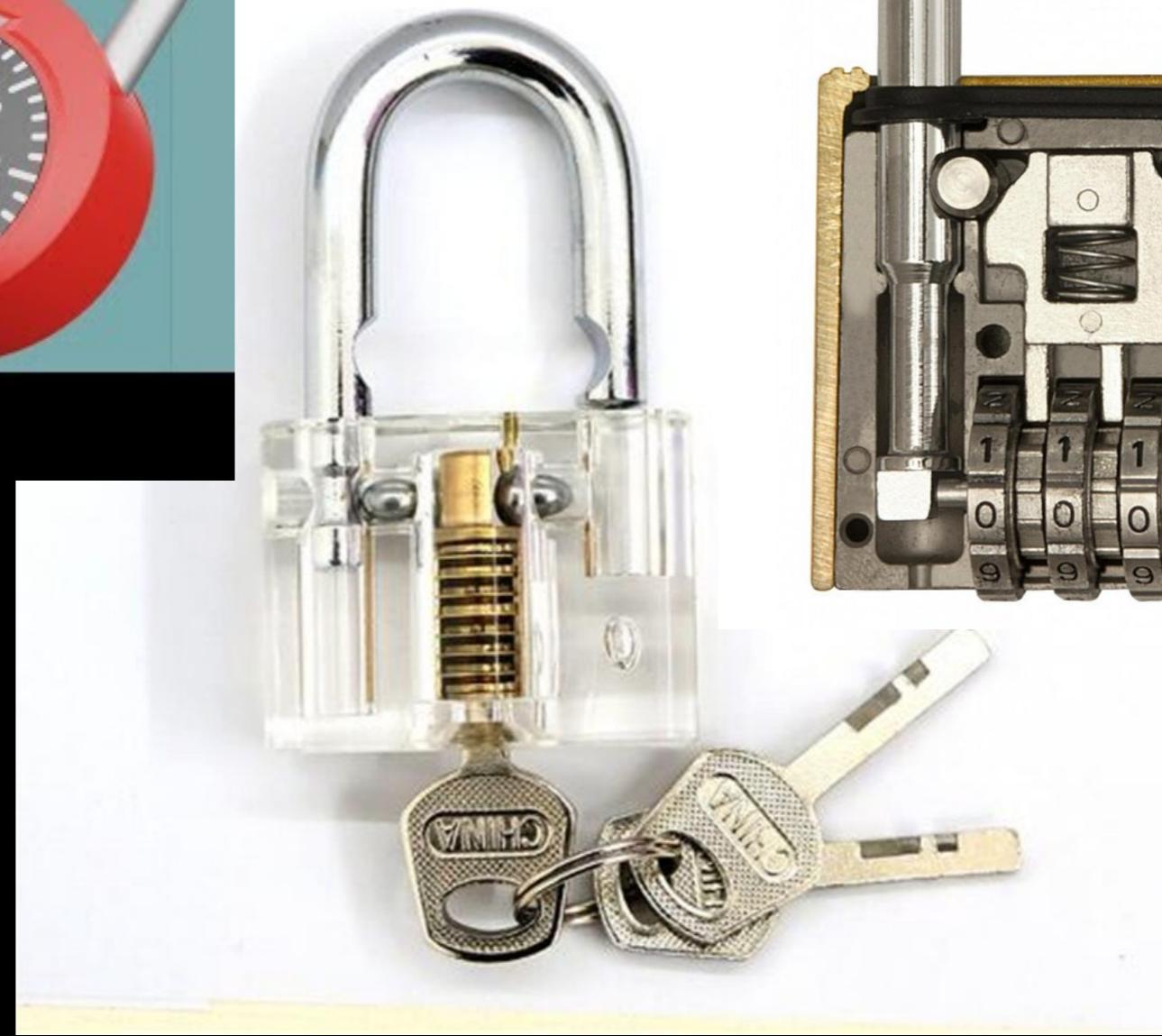
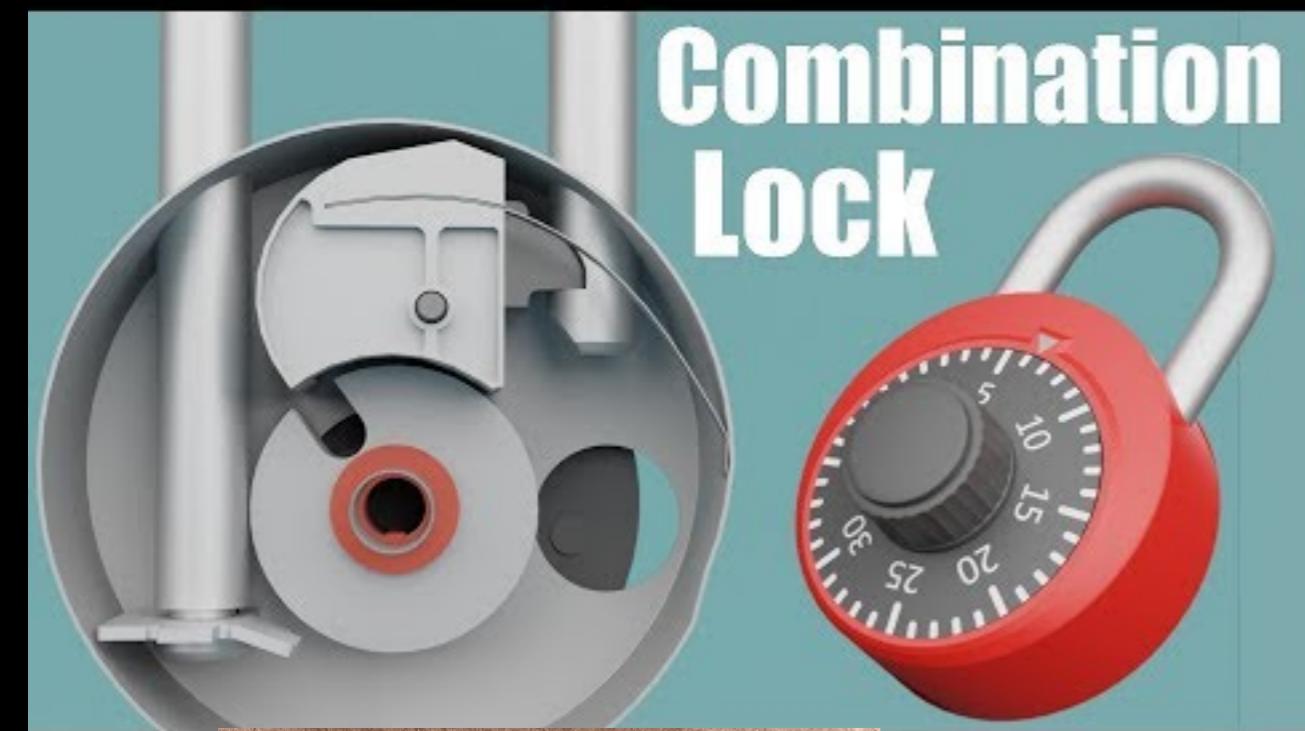


Pin and tumbler guts



Pin and tumbler guts

Other types



Destructive Entry



Bypassing

Shimming



**DEADLOCKING
PLUNGER**



Lockpicking Lawyer (YouTube)

Kaba Simplex Series 1000

A simple powerful magnet bypass
https://youtu.be/cCay5ek_cW0



Lockpicking Lawyer (YouTube)

Other Bypasses

Amazon search for “high security lock” in March, 2019 (not anymore)
https://youtu.be/cCay5ek_cW0



Lockpicking Lawyer (YouTube)

Other Bypasses

Master Lock 605

<https://youtu.be/s5jzHw3IXCQ>



Lockpicking Lawyer (YouTube)

Other Bypasses

Master Lock 175 (and derivatives)
<https://youtu.be/s5jzHw3IXCQ>

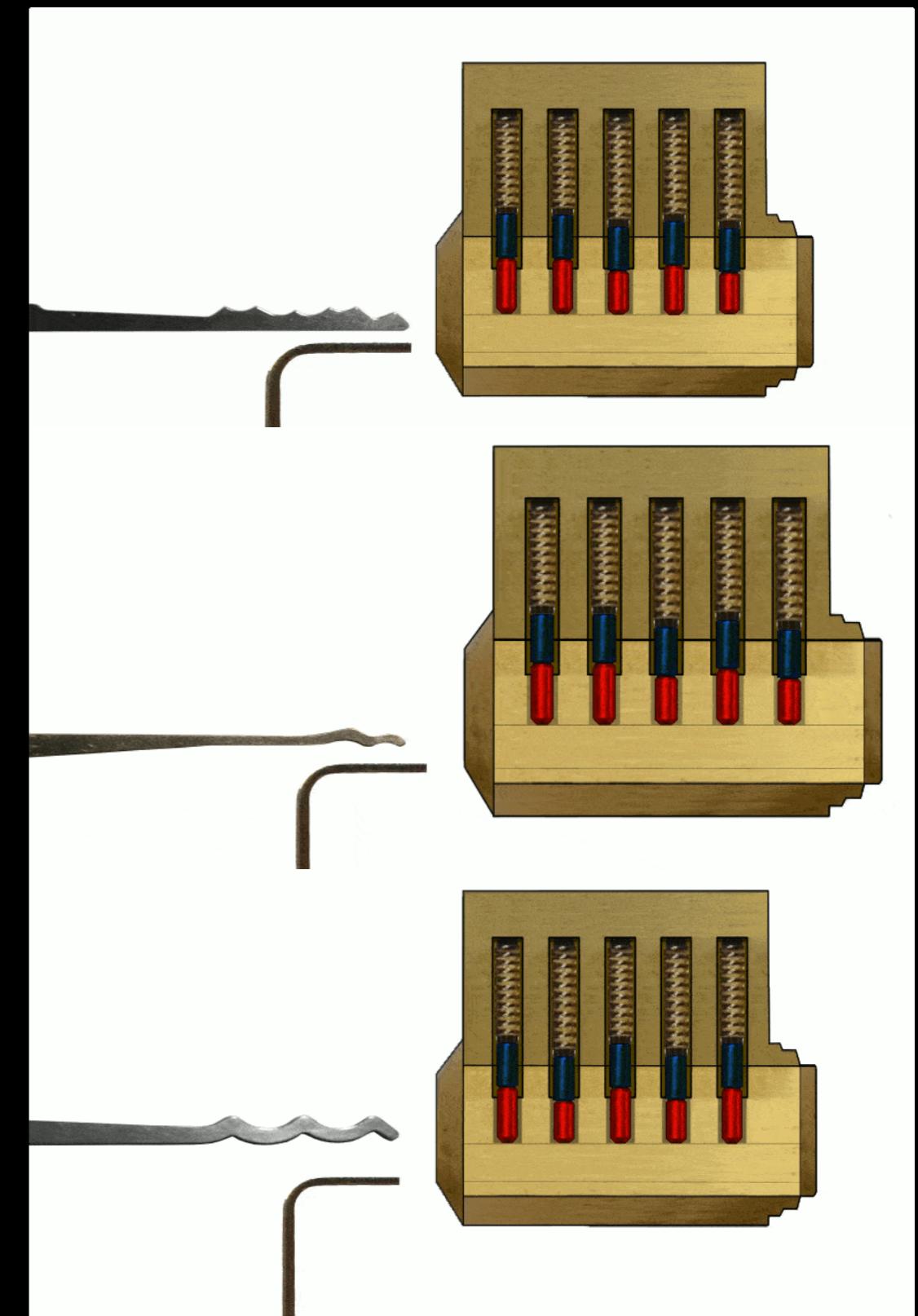
Comb Picks



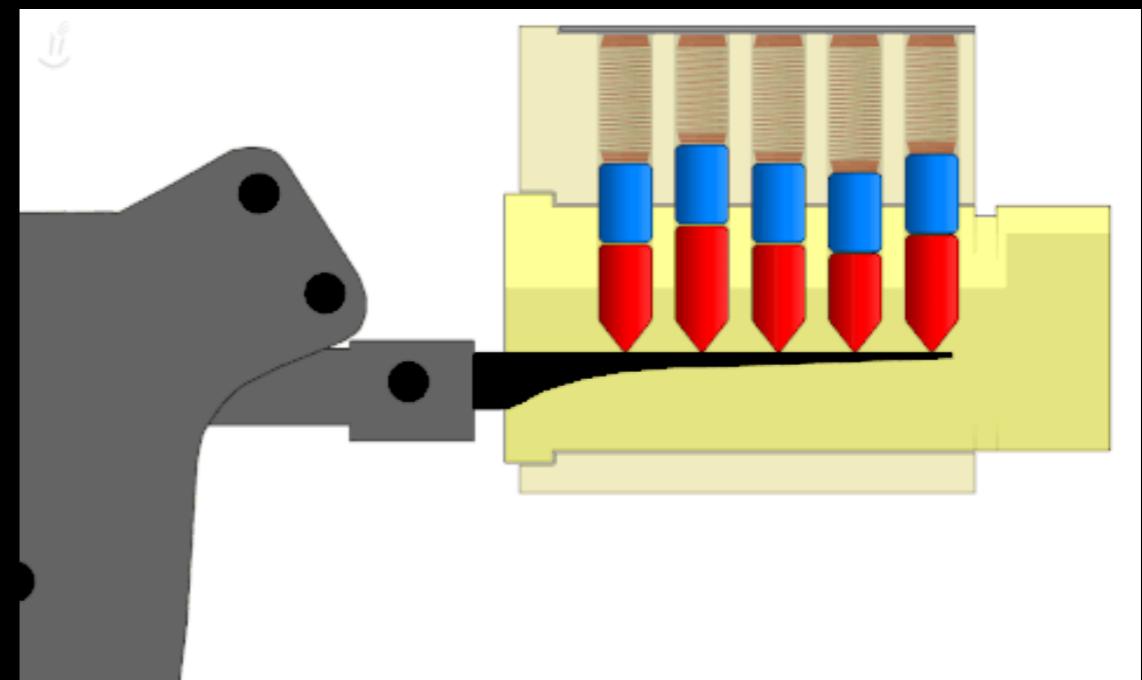
Pushes the entire pin stack above the shear line

Quick and dirty:
Raking, bumping, and
pick guns

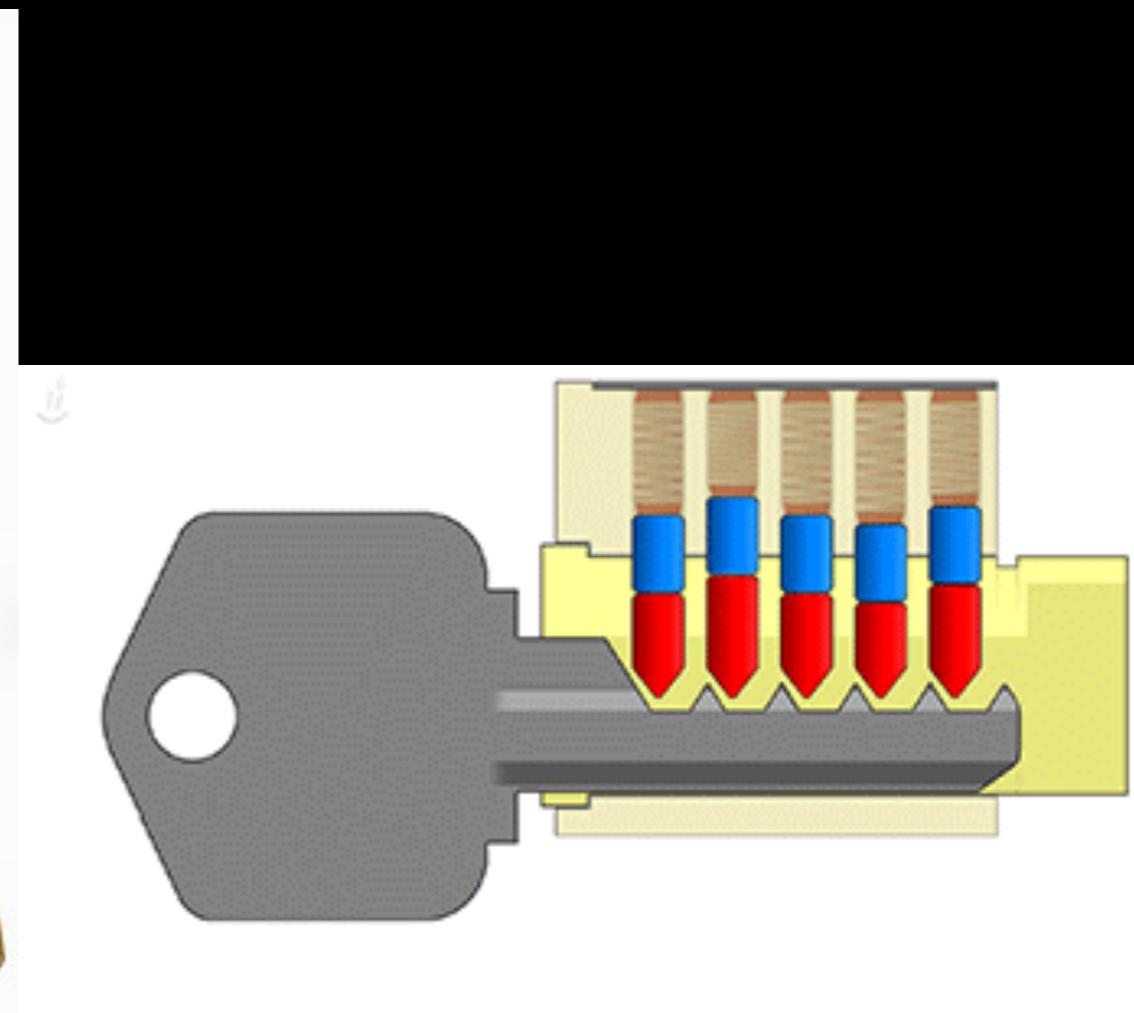
Rakes



Pick Guns



Bump Keys



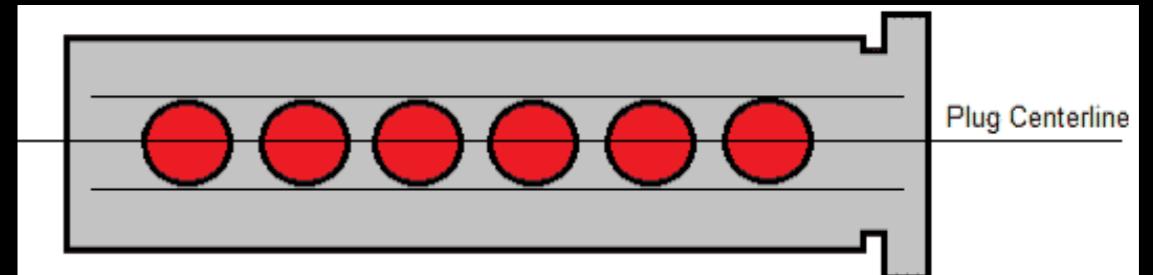
This won't always work

- These can be defeated by:
 - Variable tension springs
 - Security pins
 - Hi-low bitting (pin heights)

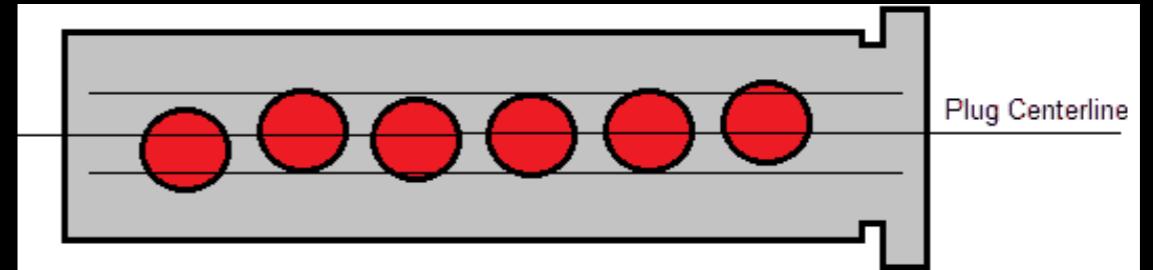
Single Pin Picking

Taking advantage of defects

Ideally the inside of a lock looks like this:

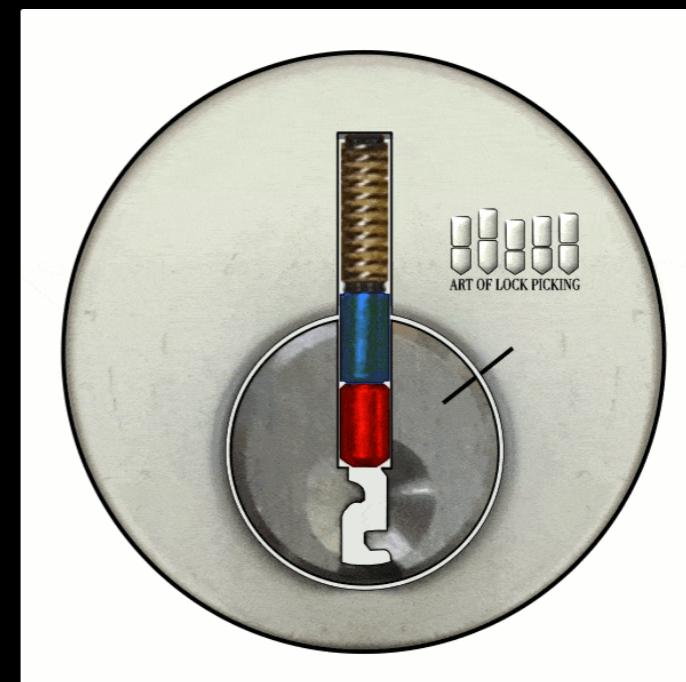


Actually looks like this (exaggerated):



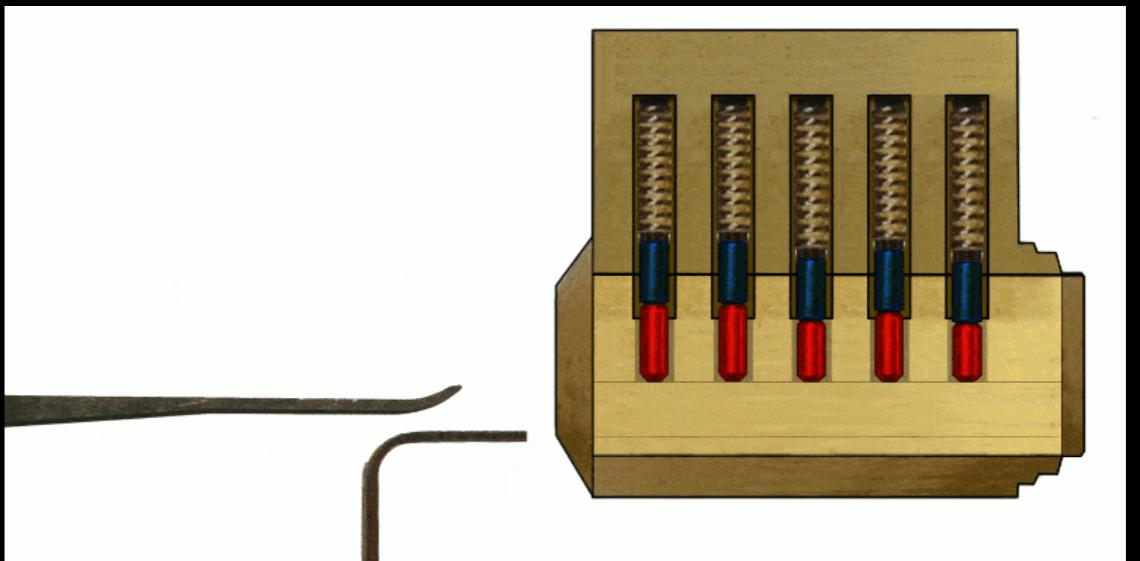
This means that one pin bind at a time.

You can then set that pin and it will stay set while you move on to the next pin.



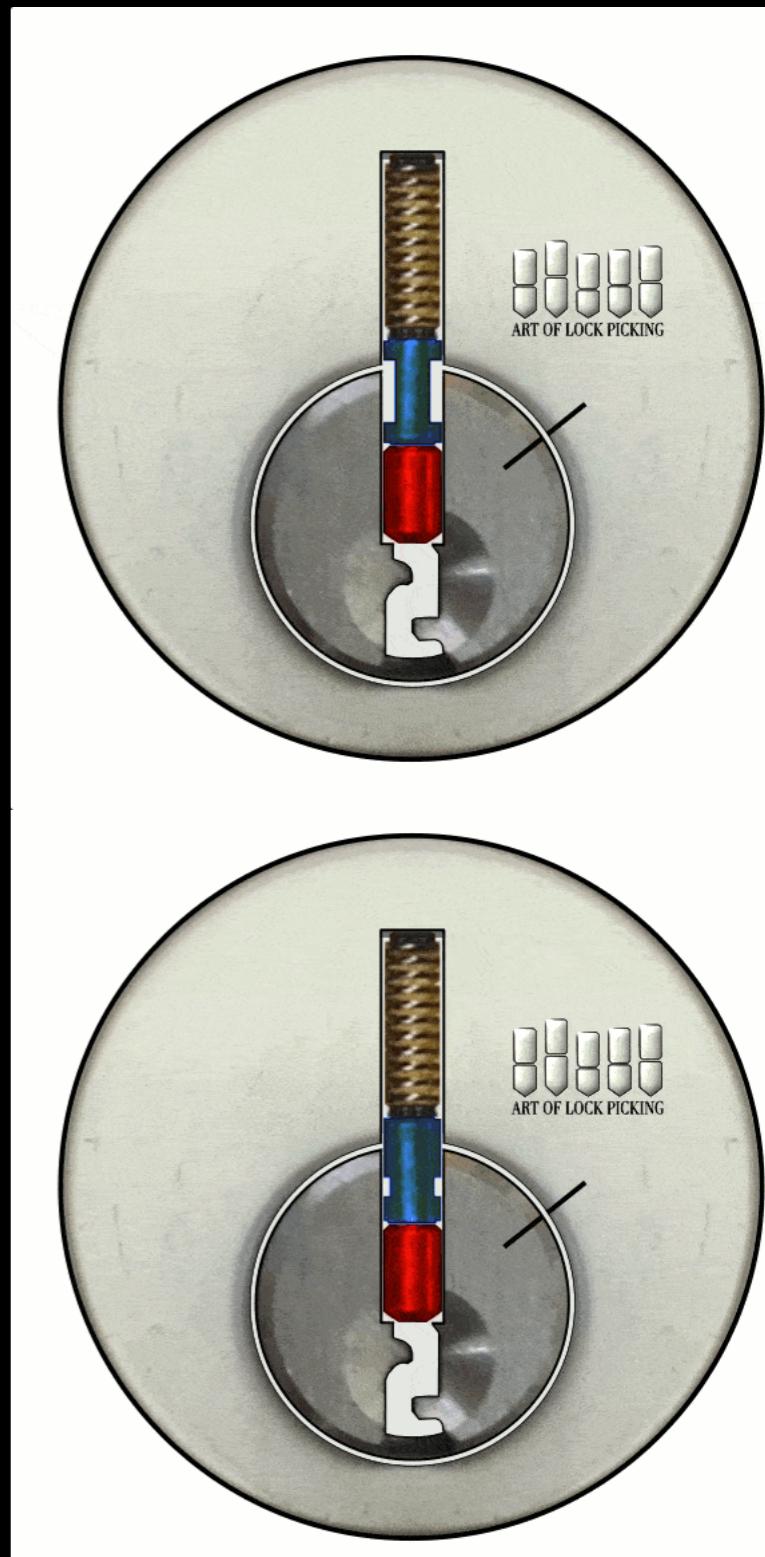
The simple:

- Apply tension (this is the art)
 - Find the binding pin
 - Push it up until you feel it lock in place (maybe the core will turn a little and you may hear a click)
 - Repeat



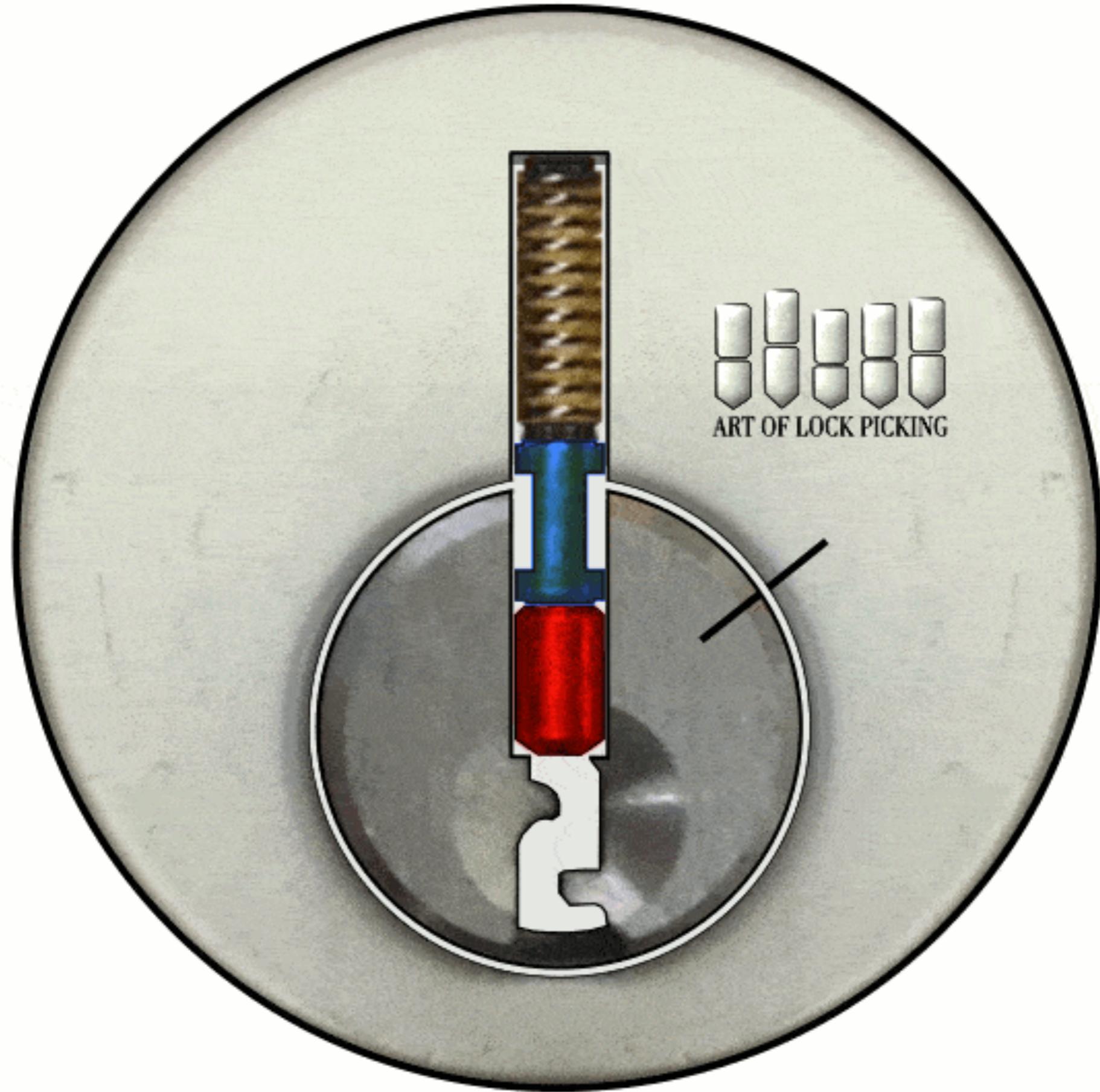
The complicated:

- Security pins:
 - Spools
 - Serrated
 - Mushrooms



The wacky:





Bitting

- Easy: flat
- Medium: large changes in depth
- Medium/Hard: high deep pin with low front pin—easy to overset



Hands on time!

Resources

- YouTube:
 - [LockPickingLawyer](#)
 - [Bosnianbill](#)
 - [Schuyler Towne](#)
- Other Sites:
 - [The Open Organization of Lockpickers \(Toool\)](#)
 - [Art of Lockpicking](#)
 - [Lockpicking Detail Overkill PDF](#) (password evva3ks) or just google it, the pdf is floating around
- Tools:
 - [Sparrows](#)
 - [LockpickShop](#)