


# Pins, Picks, and Principles

# Secure Ideas

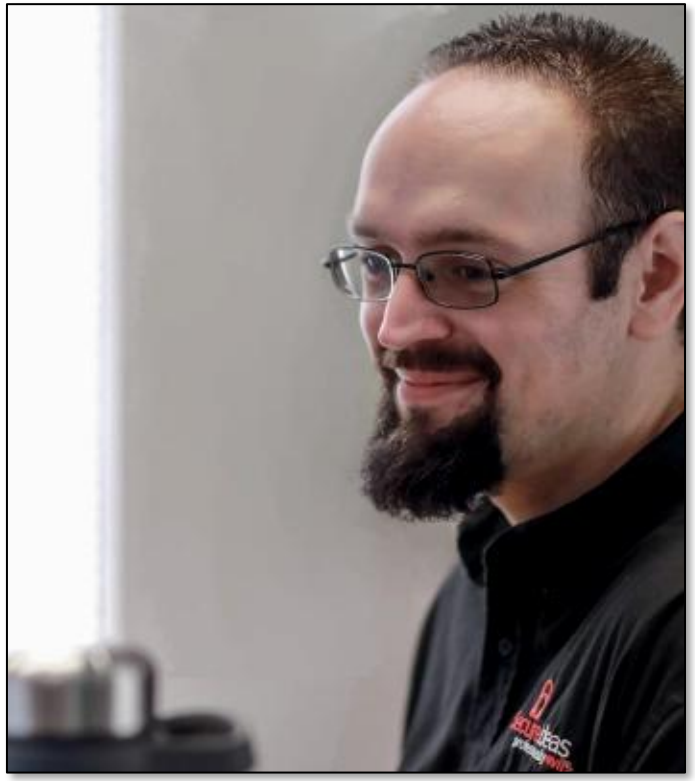
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- Orlando, FL



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- Senior Security Consultant
- Jacksonville, FL



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# What is *Professionally Evil*?

professionally evil®

- We need to think "evil" so we can understand how an attacker will behave and what they will attack.

- **And we are Professional:**
  - Provide clients the best penetration test experience
  - Educate clients on how to improve their security posture
  - **Permission**: Penetration Testing is always under contract
  - Establish and follow rules of engagement



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# TOOOL




The Open Organization Of Lockpickers, or TOOOL, is an international group of lockpicking enthusiasts dedicated to advancing the general public knowledge about locks and lockpicking through teaching, research, and competition.

https://www.toool.us

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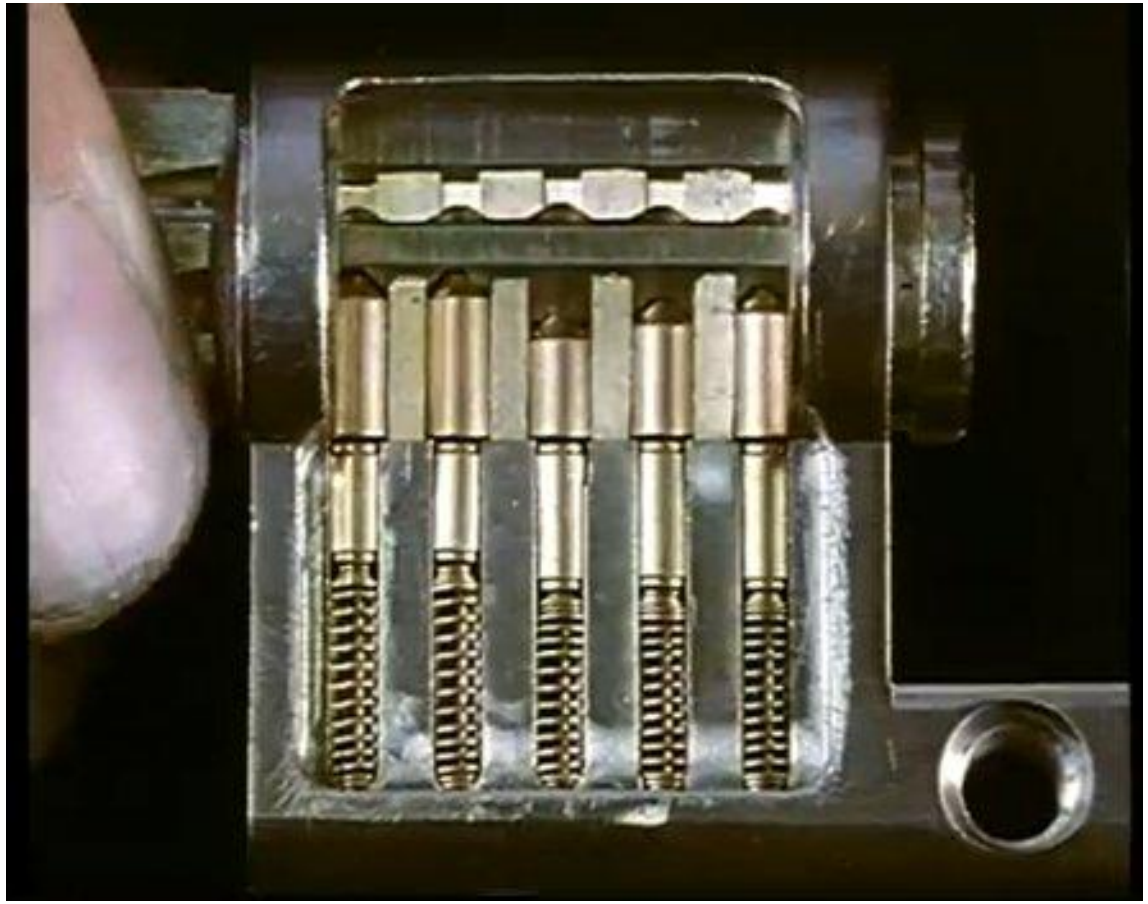
# TOOOL Rules of Ethics



- Members of TOOOL are expected to abide by a **strict code of ethics** which is summarized in the following three rules:
  1. Never pick or manipulate any lock that does not belong to you, unless you have been granted explicit permission by the lock's rightful owner.
  2. Never disseminate knowledge or tools of lockpicking to individuals whom you know or whom have reason to suspect would seek to employ such skills or equipment in a criminal manner.
  3. Be mindful of the relevant laws concerning lockpicks and related equipment in any country, state, or municipality where you seek to engage in hobbyist lockpicking or recreational locksporting.
- All members of TOOOL shall familiarize themselves with the relevant statutes in their jurisdiction at the time they are inducted into the Organization.

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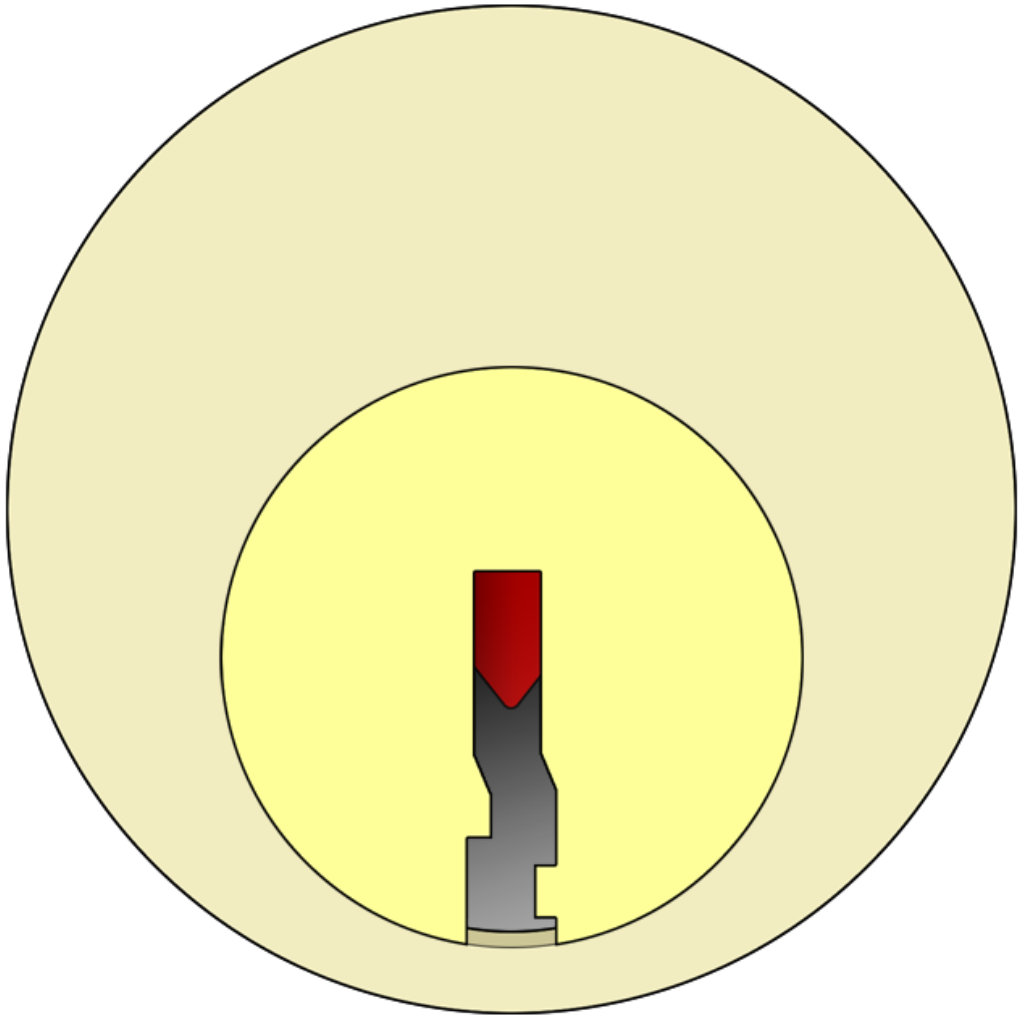
# Introduction to Locks – Pin Cylinder





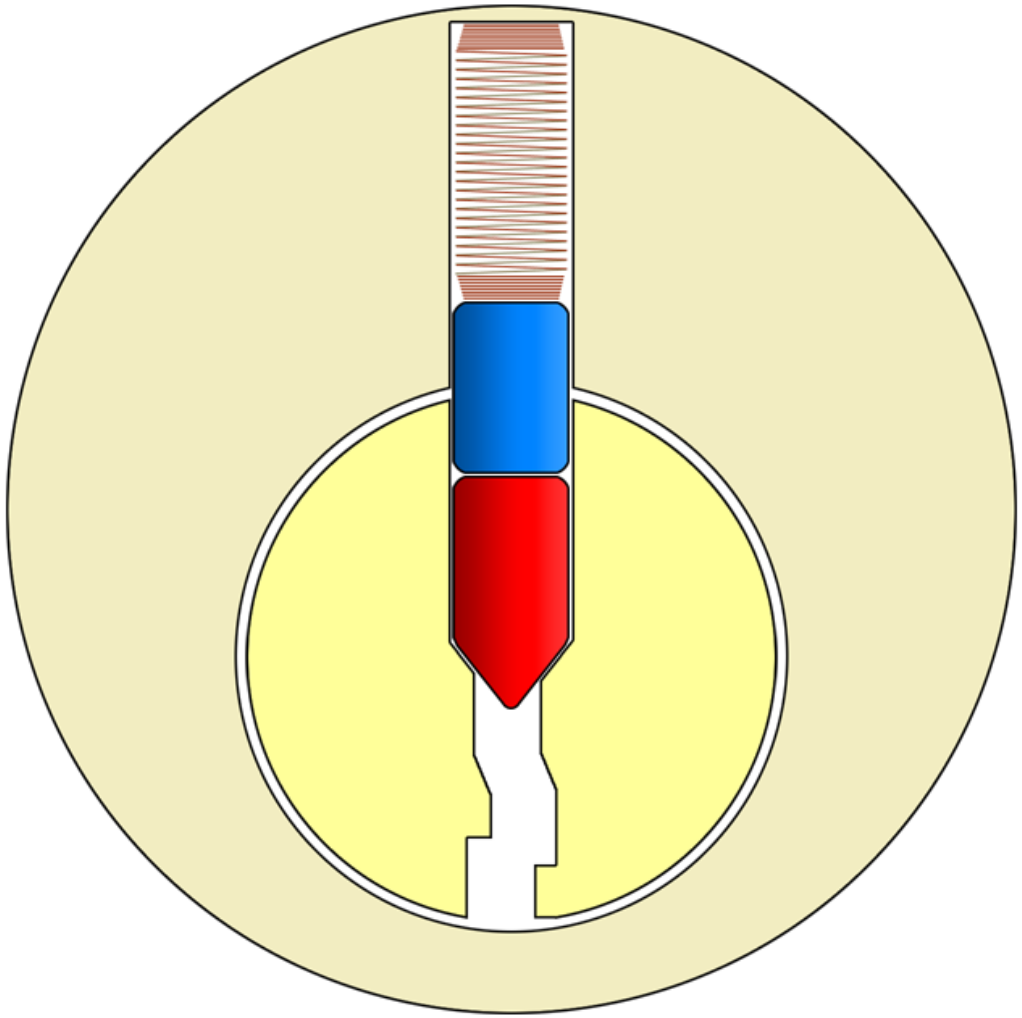

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# Front View



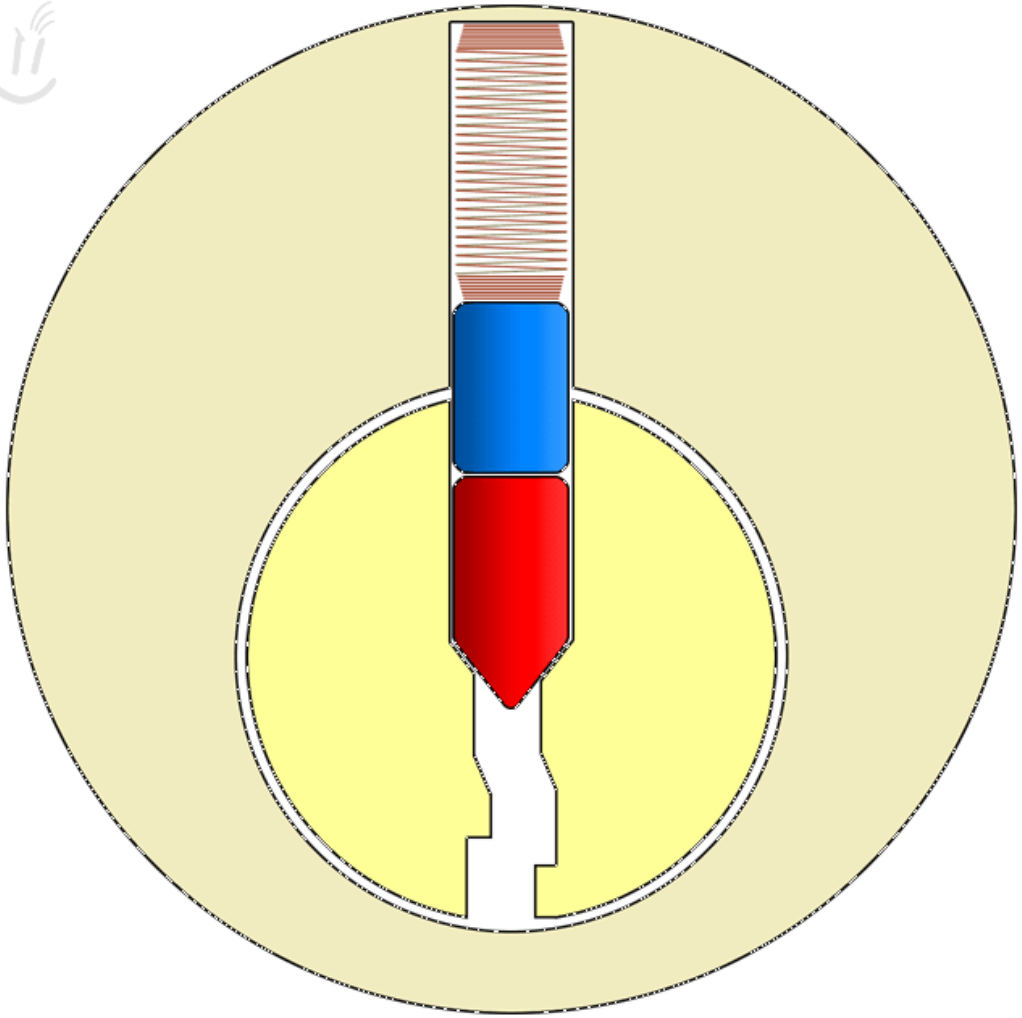
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# Inside – Front View (Pin)



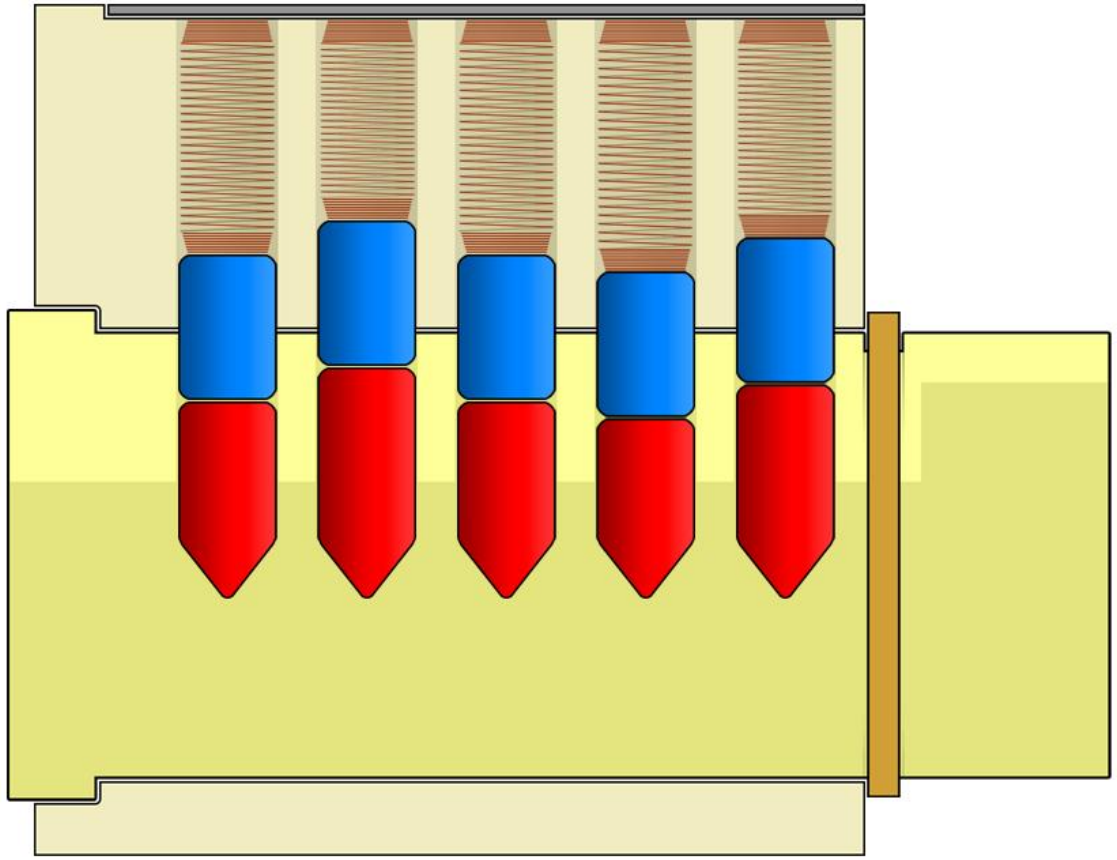
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# Pins in Action



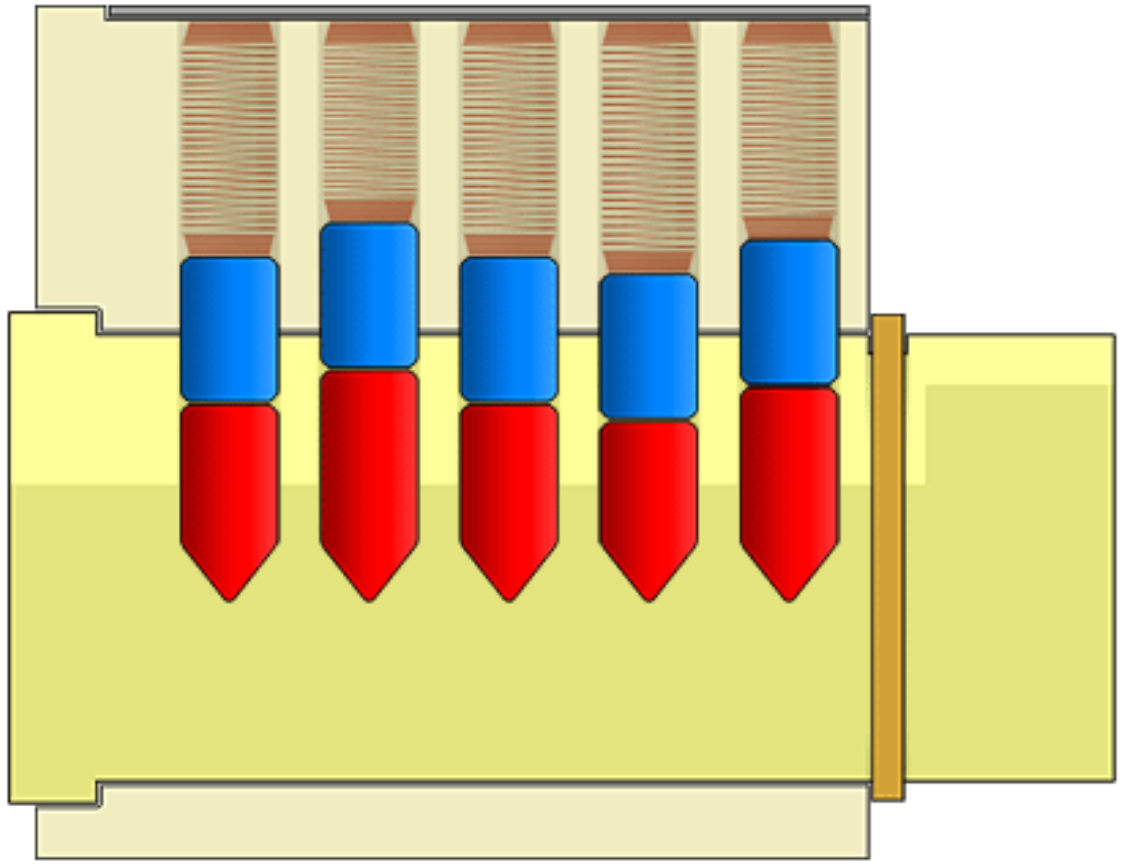
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# Inside – Side View



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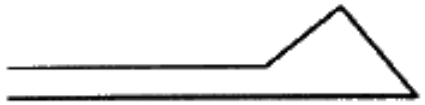
# Inside – Side View (Key)



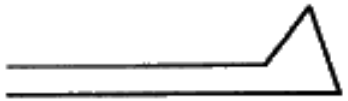
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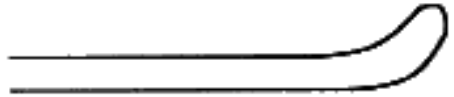
# Types of Picks

- Picks
  - Must have:
    - Half Diamond



  - Hook pick
    - Hook Pick



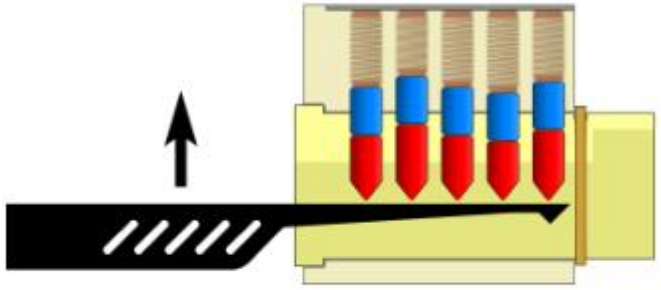


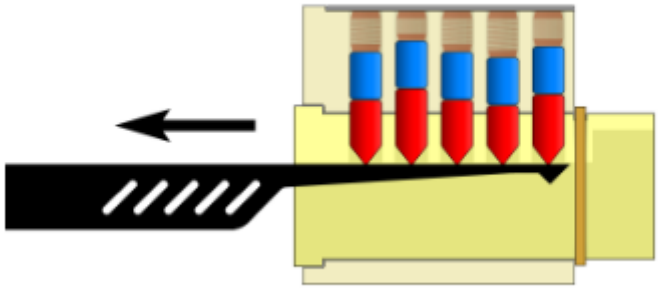
- Tensioners
  - Tension Wrench
  - Torque Wrench

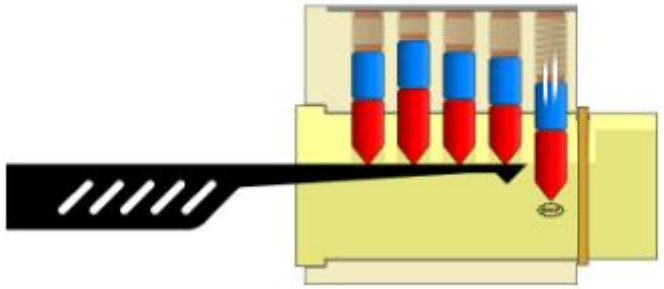


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# Walk Before You Run



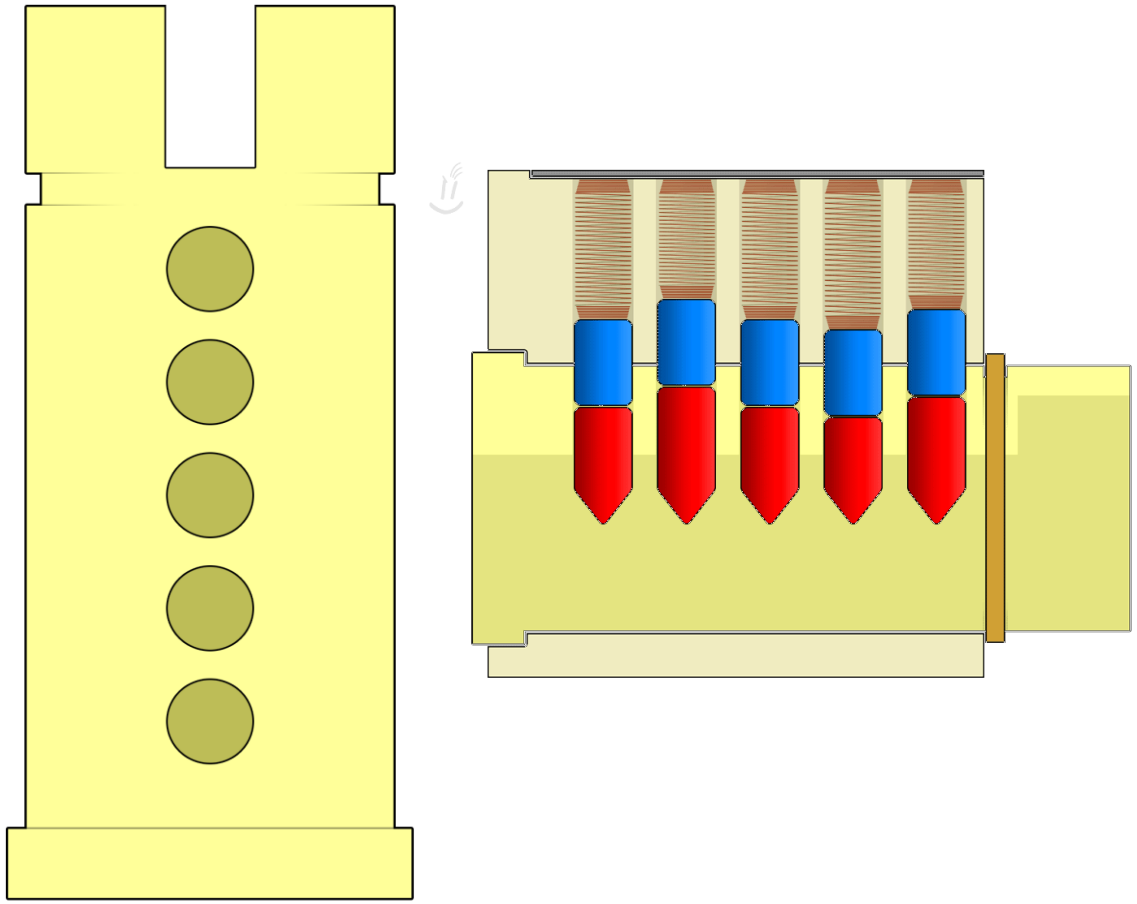




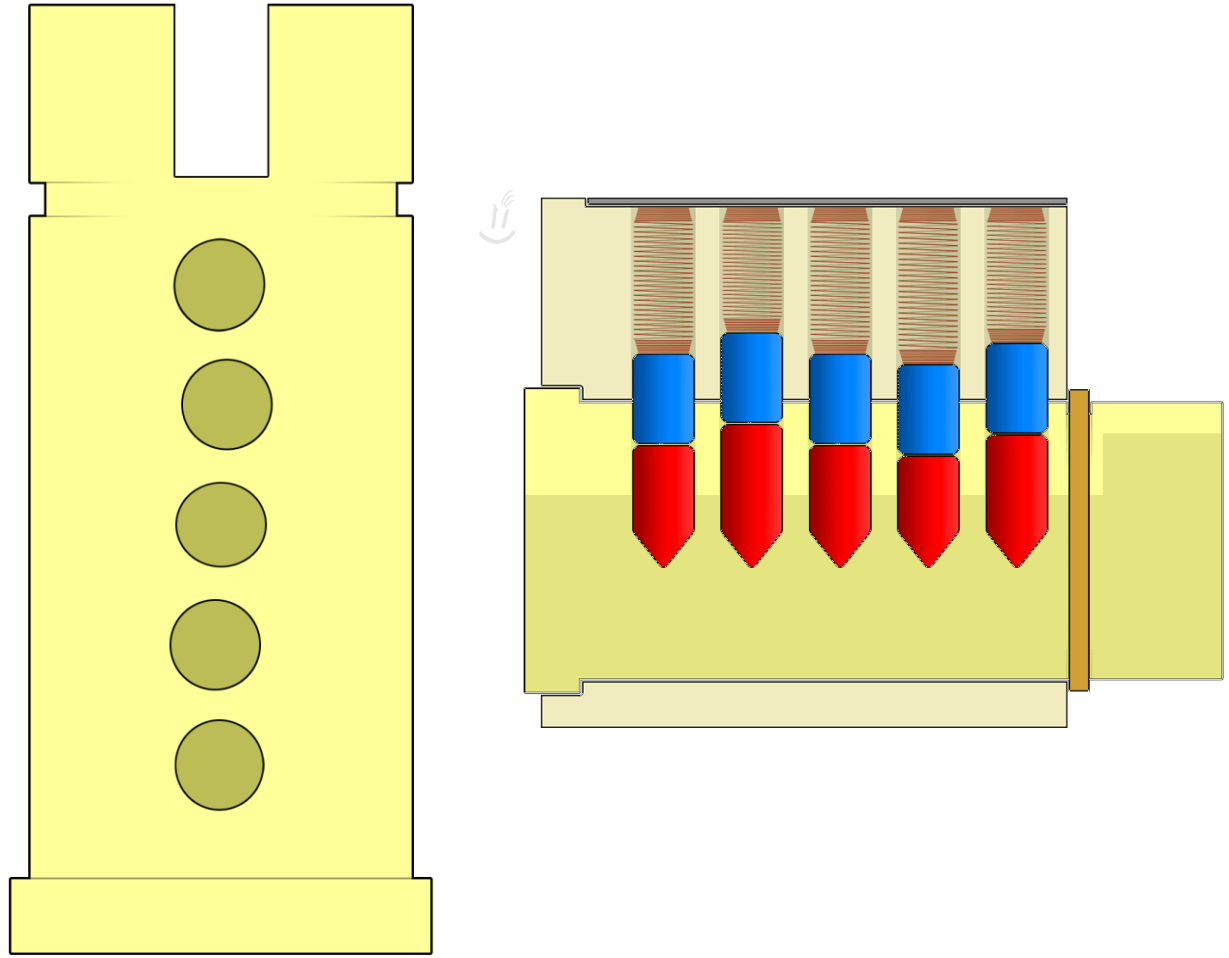
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# Why is Picking Possible? Tolerances!

- In a perfect world, the holes are straight

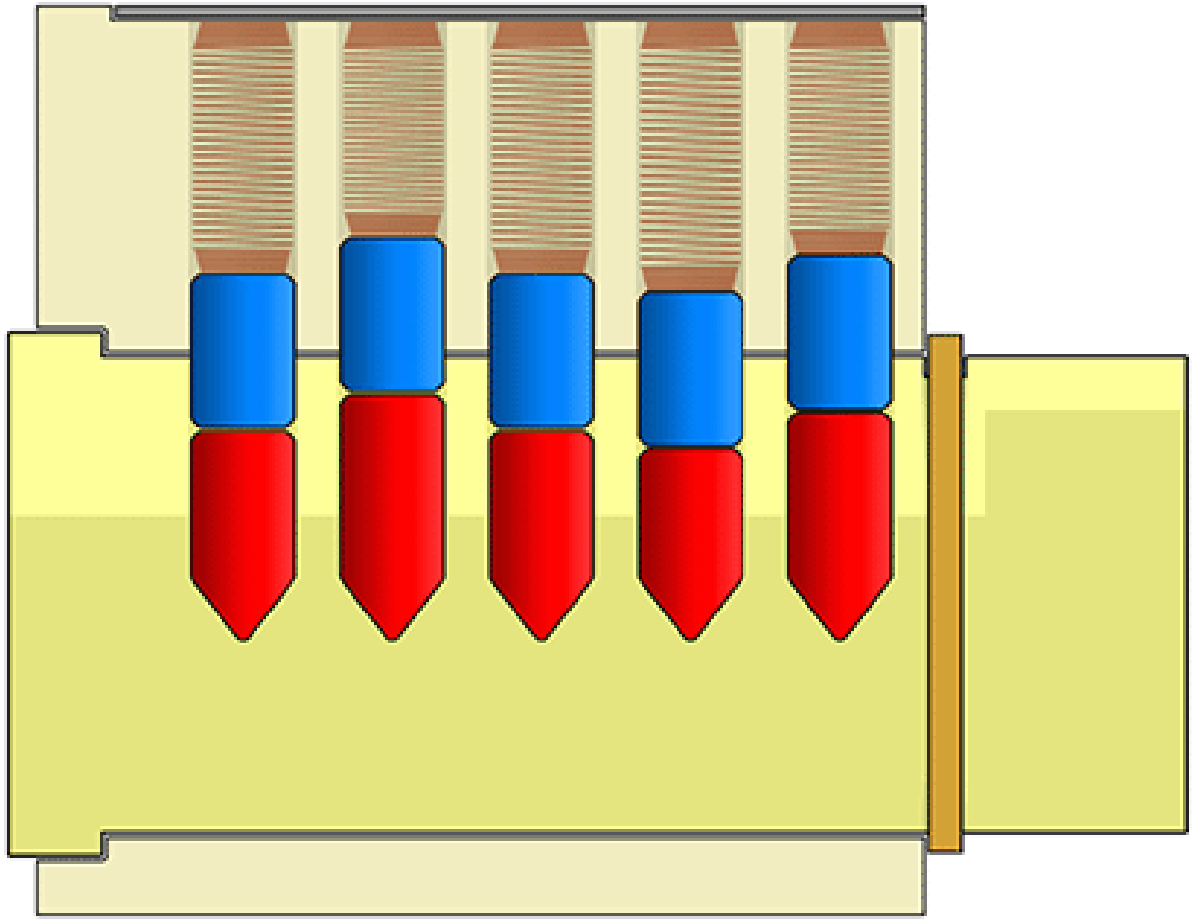


- However, we can't drill perfectly straight.





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# Resources

- TOOOL
  - https://www.toool.us/
- LockPickingLawyer
  - https://www.youtube.com/@lockpickinglawyer
- LockPicking – Deviant Ollam
  - https://deviating.net/lockpicking/
- Online Stores:
  - https://covertinstruments.com/
  - https://www.sparrowslockpicks.com
- Jacksonville Chapter meets 2nd Friday of every month.
- BSides Jacksonville 2024 (Save the Date – November 15th and 16th)


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# Questions?

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