

# The Master Lock **axis**<sup>TM</sup> Combination Padlock.



A Preview at LockCon 2008.

Sneek, The Netherlands, 10 Oct 2008, Michael U. Huebler.



# The Master Lock axis™ Padlock. Overview and Features.

- A purely mechanical combination padlock with a unique user interface and mechanism.
- Pushing the shackle into the lock body resets the combination, and then the user needs to move the knob Up, Down, Left or Right in the correct sequence.
- The user can chose a combination of any(!) length. There are however always other combinations that will also open the lock – the lock can distinguish 7,501 unique states.

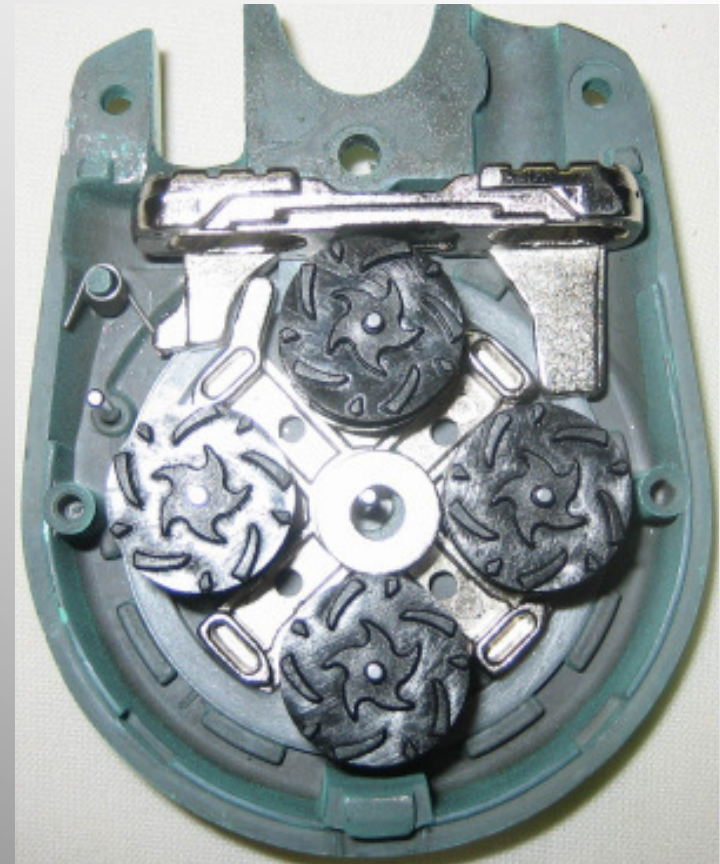
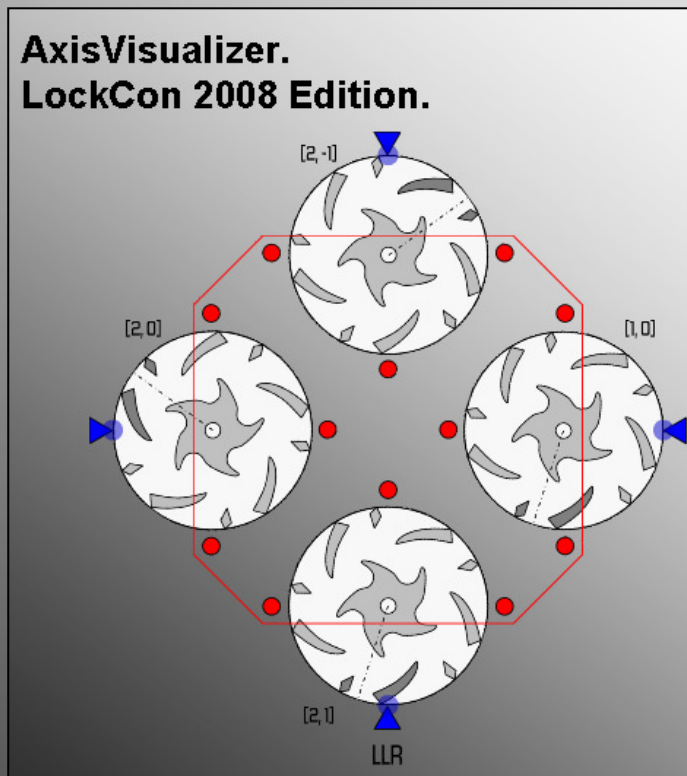


# A new and innovative lock concept.

- Invented by Yehonatan Knoll (Knollan Ltd., Israel, [www.knollan.com](http://www.knollan.com)), U.S. patent 6718803 filed May 2002.
- Licensed by the Master Lock® Company.
- Samples displayed at the Cologne International Hardware fair in March 2008.
- **Detailed analysis with pictures and explanation available:**  
[http://www.toool.nl/Image:The New Master Lock Combination Padlock V1.0.pdf](http://www.toool.nl/Image:The%20New%20Master%20Lock%20Combination%20Padlock%20V1.0.pdf)
- Products should be available in Europe end of 2008.
- Inexpensive mass-produced lock, price probably ~10..20 EUR.

# How it works.

- Special release for LockCon 2008:



- An application that visualizes the lock's mechanism.
- Will also help you to keep track of gate positions, in case you are able to find them...

# Thank you! More questions?

The author can be reached at [mh@tosl.org](mailto:mh@tosl.org).

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