## A Warning from Predator

Extreme caution is mandatory with all use of this text material. For while with proper use, this information will help the reader to sufficient destructive capability to get any job done, this text though if mishandled may overload the readers receptive capability which could result in indescriminate violence of an intensity $I$ assume you would consider undesirable. I therefore hereby disclaim any responsibility for the actions of those who willingly make the decision to carry out what they read in this text.
T.A.P.

PO BOX 20264 LOUISVILLE, KY



1 INCH



Lock-Pick Larceny<br>By<br>Alexander Mundy

I hope all of you TAP readers have either made or acquired your lock picks, because I will teach you how to use them.

In order to get started, you will need the following equipment:

1. A pair of tweezers
2. A set of followers


Picture from HPC catalogue

You TAP readers can make a set of followers from brass or plastic round stock or tubing. The important point to remember, is in making the follower, the end must match the plug. When you puch the follower through the shell, the top pins and springs should not fall down in between the plug and follower.
3. Rim or Mortice cylinders (stay away from the ones with a curved keyway, like Yale and Lockwood and also the ones with mushroom or spool pins, like Corbin and Russwin.)

These cylinders are harder to pick for the average beginner.

In order to start, remove the tail piece of the cylinder. It is usually held on by two screws or a spring clip. Next, take a follower and remove the plug from the shell. Be careful not to drop any of the pins. Also, when pushing the plug out of the shell, make sure that the key is slightly turned and that the follower is firmly against the plug. Otherwise, you will jam one of the top pins or springs between the plug and the follwe as you are pushing out the plug.

Next, remove all the bottom fins, except one. it's position in the plug does not matter. Also, remove all the top pins and springs, except the one that matches the bottom pin. Now reassemole the plug in the shell. Be Careful that the top pin and spring does not fall into any of the unused pin chambers in the plug. Take your curning wrench and pick (you should use a hook pick like this)
A. Cylinuer Spring
B. Top Pin
C. Mushruom Top Pin
D. Ball Bearing and Tup Pin used as a Bottom Pin
E. Kegular Bottom Pin
$F$. Shear Line
G. Pin Chamber
H. Plug (the part where the key fits in)

1. Top and Bottom Pin at the Shear Lithe
2. Shell

The shell and the plug along with the springs, top pins and button pins, furms a cylinder.

For your next experiment, try putting different amounts of pressure onthe wrench and feel the difference as you push up the pin. Also, use your wrench in the various positions shown. After you get the feel of picking the one pin, try moving that pin to a different pin chamber. Don't forget about the top pin and spring.

After practicing for awhile, try adding another top and bottom pin and spring to the cylinder and practive some more. Keep picking and also remember the feel you are acquiring. Soon you will be able to work your way up to 5,6 , and 7 pin cylinders.
P.S. While picking a cylinder, you should keep the cylinder steady by placing it in a vice or other suitable holder.

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Pressure may be applied wither upward or downward on the turning wrench.


## Continued From Issue \#95

## I. Tools



### 1.1 Piek Sbapes





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### 1.2 Street cleaner briotles



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### 1.4 Brick Strap




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Picking Mushrooms
By al Mundy (TaP 67)


## n. Legal Issues





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In this article, I will attempt to bestow upon the reader an additional piece of infinitesimal wisdom in the realm of technological knowledge. I trust all of you TAP readers have been practicing your lock picking, because I will dis close in this article the method of picking a cylinder (lock) with mushroom drivers. A mushroom driver looks like the following, also illustrated is a spool driver. Both of these top pins preform the same function.

## I I <br> Mushroom Driver Spool Driver

Corbin, Russwin, Abus, Walsaco, and American are some of the locks that contain mushroom pins. The Fox Police Lock Co. also uses a Russwin rim cylinder in its' lock products.

Now on to the technique. When one is confronted with a lock of this nature, one should pick the lock by first finding the bottom pin with the regular driver. There is usuallv only one regular top pin in a lock that contains mushroom drivers. But; the possibility exists that there may be more than one regular driver. While applying tension on the tension wrench, one picks the pins in the lock until one picks the one bottom pin with the regular driver. When the bottom pin with the regular driver reaches the shear line in the lock, the plug will turn a fraction of a degree. At this point, one know that you will have to pick the remaining bottom pins with the mushroom drivers. To push the bottom pin up to the shear line, one will have $t$ gradually release tension on the tension wrench as you are pushing up on the bottom pin. As you are pushing up on the bottom pin, you will feel the plug begin to lose that fraction of a degree to which the plug was turned. When the bottom pin has reached the shear line, the plug will again turn a fraction of a degree. This will continue until all of the mushroom pins have been picked. At this time, the plug will be free to turn in the direction in which you have applied tension via the wrench.

One exception to this is two types of fairly new drivers which loos as follows:


One should note the bottom lip of the pins
One would pick these in the same manner. But, before the lock will open, one will have to release almost all tension on the wrench. This is because the bottom lip of the top pin is still in the plug preventing the lock from opening. While having almost no tension on the wrench, one will have to pick each bottom pin just a fraction more in order for the bottom pins to reach the sheer line.

GOOD LUCK AND KEEP ON TRYING!!!!!!!!!!!!!!!!!!!!!
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Many of the combination locks on the arket today can be opened with a simple tool made from a piece of .005" spring steel that is gotten from an automotive feeler guage.

Any lock that has multiple combination wheels is openable by their method. The most notable brand is the Sesames combination lock.

To make the pick out a piece of $.005^{n}$ steel to fit the pattern shown.

The steel should be heat treated a bit to the britele side so that the feelera will not become flat during use.

To use insert the feeler between the combination wheel and the lock wall and turn the wheel until you find a notch in the side of the wheel. Do this to all the wheels. Now subtract or add 5 to the numbers you got. Now turn the wheels so that the resulting numbers face the trademark logo on the front of the lock.

This method can be varied to open most multiwheel combination locks.

The Stainless Steal Rat


# MAKE A KEY FOR YOUR ROLLERSMITH LOCK 

One of our master craftspersons just built this beautiful rollersmith key and it works like a dream. Unlike the nail method in TAP 23, this key allows you to put the lock back on! (As well as take it off, of course). You'll need an ele-ctric grinding wheel and two $5 / 32^{\prime \prime}$ diameter nails. . . that are at least $3^{\prime \prime}$ long. Since the hole when the top nail is slid forward, as shown in the diagram. Bend the backs of the nails so that there's a $1 / 8^{\prime \prime}$ space between them yet they lie flat against each other along their length. It's easy to see that when you tilt the handle forward the tip of the key expands and grabs the moving cylinder in the lock. Now pull the key outwards while keeping the top of the handle tilted forvard, and voila! off it comes.

Drill the holes in the nails for the pivet screw and mount it in between two pieces of wood for a handle. You can put a rubber band around them so they don't flop around when not in use.

We smashed open a lock to find that it is built a little differently then we pictured in Issue 23. The spring is in the middle and there's no lip for a nail to grab.


## PICKING THE LOCK

To make a key for a rollersmith lock, take a $2^{\prime \prime}$ mall, size 8D or sugttly larger, and bend up the tip a liute as stown. You may have to tap it with a hammer to insert it a full lict and an elgthth. Then use the bent tip to hook ome of the riags inside. Pull the rall out very slowly and powertully irith a big pliera or visegrips. The spring in the lock is very band and it will slip out a few times before you get it, but when It does the lock will open up. II you can't get if, fust get a hackeaw and cut the ring.



