



## Program V8.0+ / V9.0+

Speed Profile II for an optimised cutting process

EasyEntry calculates and cuts a particular "Speed Profile". This particular profile fits into the cylinder, but is different to the "original" key profile. This gives the opportunity to cut the profile very fast.

## Manual

This manual will help you to work with EasyEntry. Please read the manual complete and carefully before you start up the machine. The purpose of the EasyEntry is for Germany. Please check the legal regulations relevant for your country.

### Unpack

You will find the following items in the package delivered:

- ✓ Profile cutting unit EasyEntry Type: V8
- ✓ Power supply unit 24V / 3/5Amp. incl. power cable
- ✓ Small pin wrench to change the cutter
- ✓ Locking pin to change the cutter
- ✓ Replacement cutter (not included with hired machines)
- ✓ Order form

Please keep the packaging for any future mailings.

### Safety during Operation

Do not touch the cutter during the cutting process and always keep children away from the machine to avoid the risk of injury. Keep the plastic door always shut during the cutting process.

### Installation

Put EasyEntry on a table with the power unit next to it. **Do not plug in the cable yet!** The power supply unit has to be placed away from any liquids. Please also make sure that the power unit is not right next to the profile cutting unit so that cuttings can not fall through the chassis slots.

## Plug in

Switch the power unit off. Put the small plug in the right socket (24V) on the back of EasyEntry.

Put the shock-proof plug into a 230V AC socket with earthing (protection contact).

As EasyEntry is used mostly in Germany, the power supply unit is for 230V AC with this type of plug. **Please use an adapter for your country's plug and voltage!**

NOTE: Should EasyEntry be unsupervised for a longer period (i.e. over night), please switch the power supply unit off.

## Making the first Key Duplicate

Start EasyEntry by switching the power supply unit on.

### Change the language

After a few seconds the display shows:

>Deutsch	English
Espanol	Türkce
Ma Nr.	24.00V

If you want to work with your EasyEntry in German please press OK.

If you want to change the language to English please press → and then press OK. English will be saved in the program. (When you start the machine next time just press OK).

Bitte warten...
Please wait...
Por favor espere...
Lütfen Bekleyiniz...

This message appears for a few seconds on the display. It is important that there is no key and no key blank in the machine! This is the only way that EasyEntry can adjust itself without being damaged!

** Please select **
>Normal Function
Special Programs
PXXX GXXX F X V8.0

Press the OK-button to start the normal program.

(The option „Special Programs“ include important functions, which we will explain later.

It is important that you read all the instructions in detail).

## Start-Menu

Please put in
the original key
>Measure key
PXXX GXXX F X V8.0

You are now at the Start-Menu.

You always return to this menu after a cutting process has been completed.

## Preparations

Please only measure original keys.

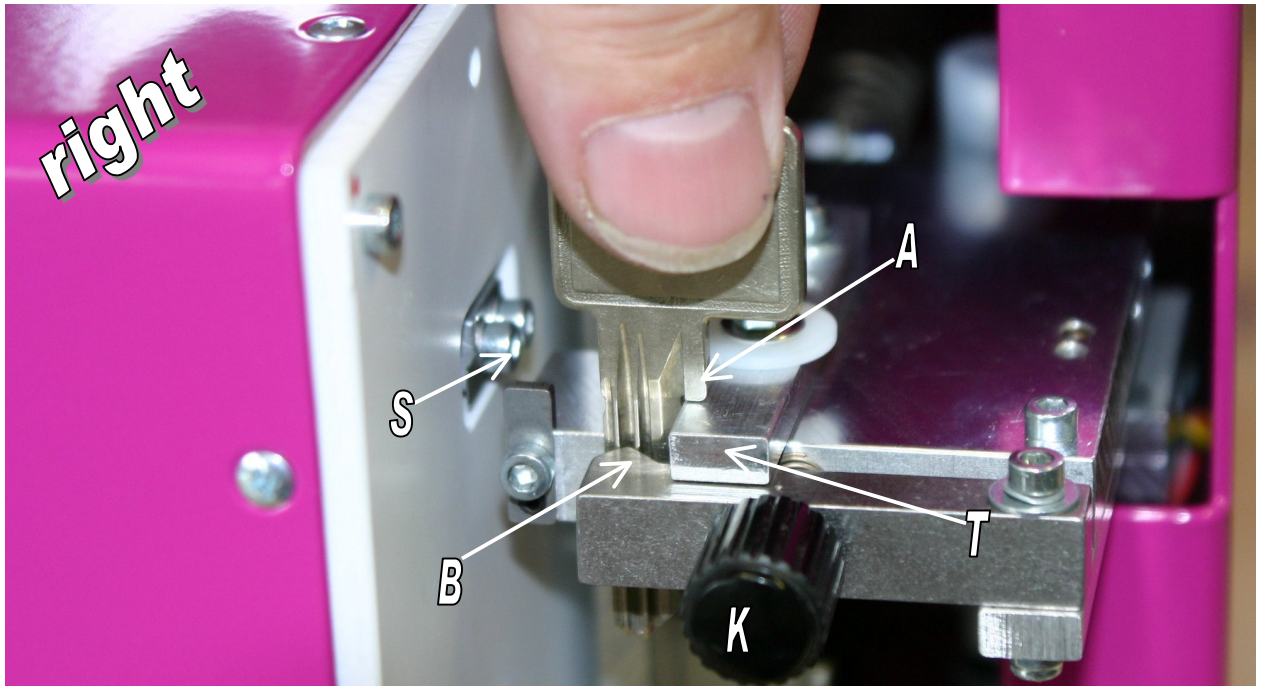
**Important! Do not use a cut key blank to measure the profile.**

Remove the key from your customers bunch of keys.

The key has to be completely separate from everything else, i.e. no key ring, no key ring pendant and no recognition cap!

Remove dirt from the original key with a wire brush.

**This is the right way to clamp the key:**



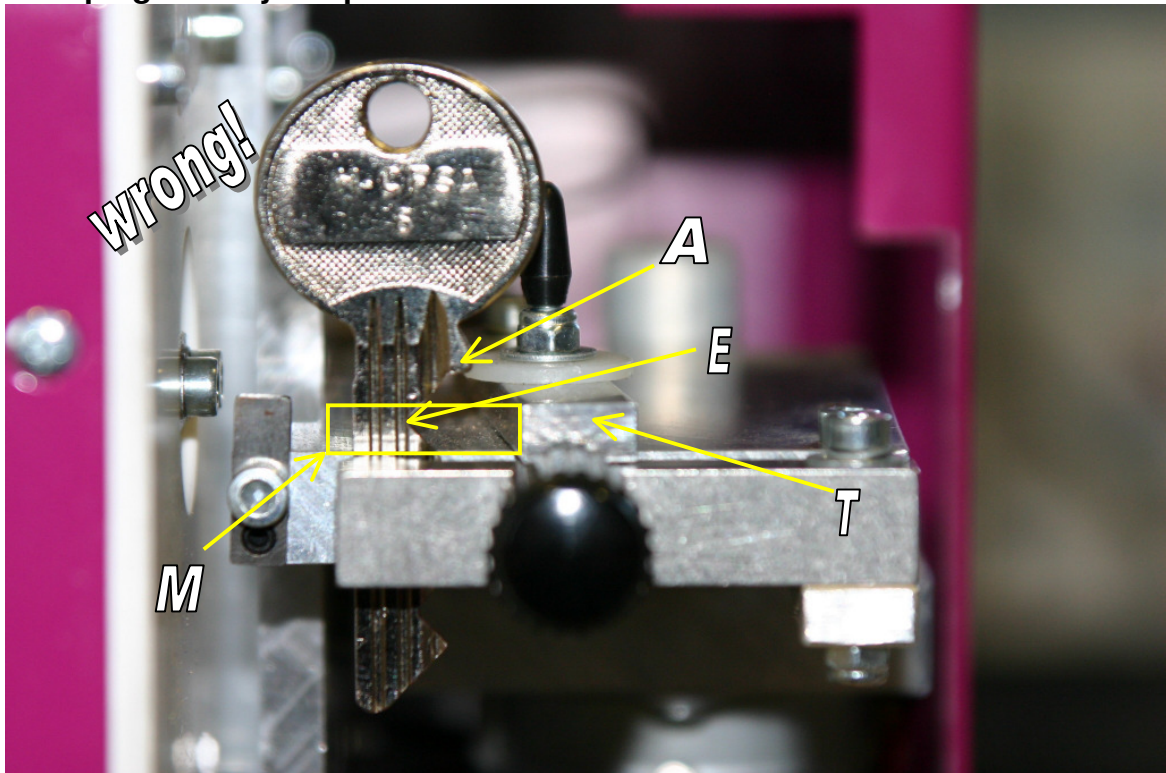
- ✓ The arrester of the key (A) points to the right.
- ✓ The clamp nose (B) grasps the key in one of the furrows . This is how the key is put in straight.
- ✓ The curved profile of the key (A) sits on the stick (T).  
After the program begins, the stick (T) is pressed away from the screw (S) automatically.

Tighten the plastic button (K) so that the key can not move

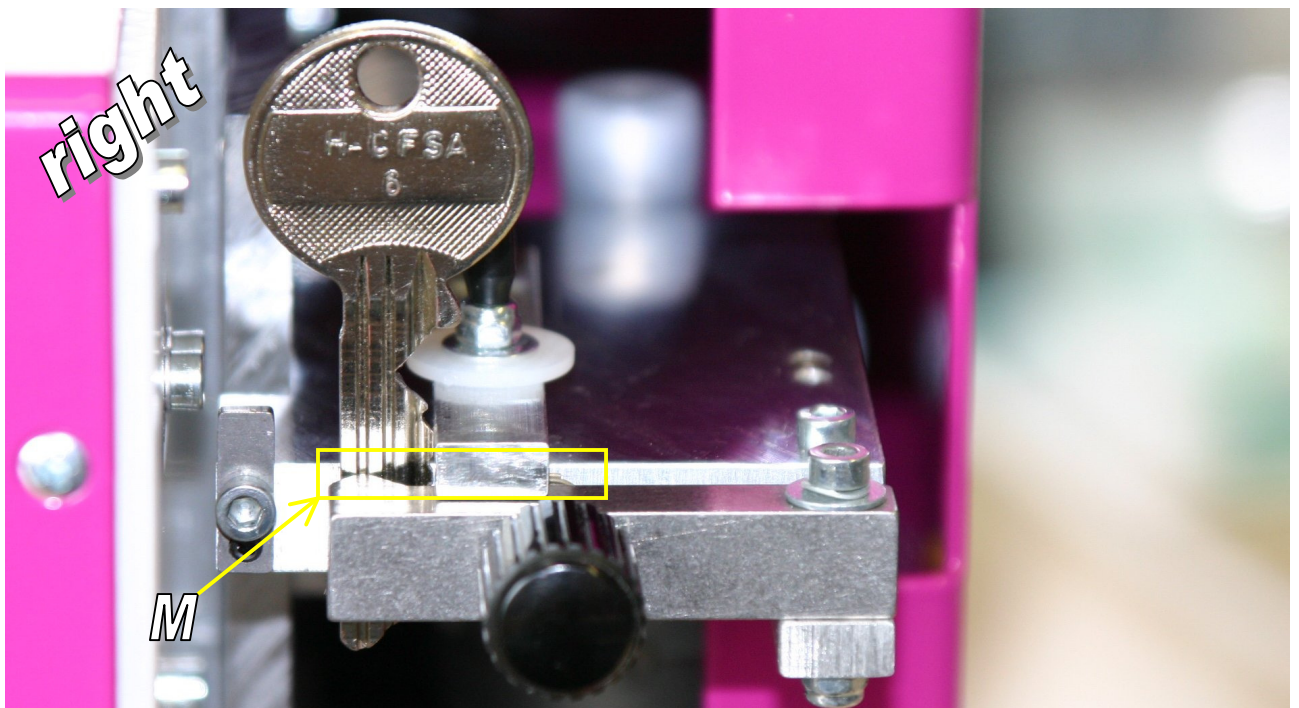


**This way the key sits straight.**

### Clamping the Key in Special Cases :

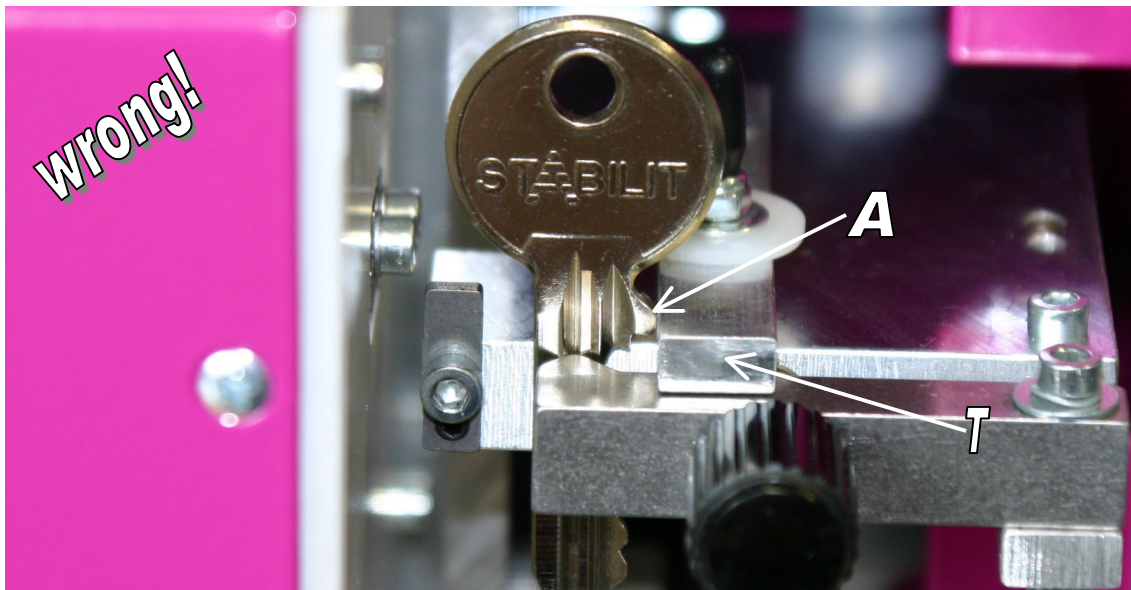


The measure unit always measures the key profile on a level with the stick (T). Therefore, it is important that the part shown in the rectangle (M), has the full width in order to be able to measure the correct profile. In the above picture the key is too small because there is a deep indentation (E) directly under the arrester (A)!

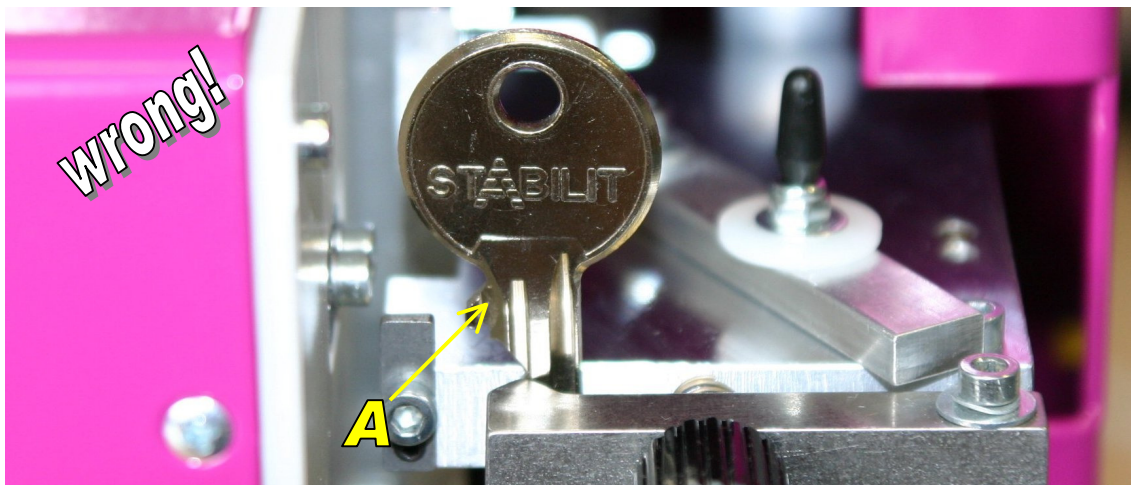


In such cases, it is better to clamp the key higher in the way that there is no deep indentation on the stick level.

Here are some mistakes which could be made:



Here the key is clamped too deep. The arrester (A) is deeper than the stick (T).



Here the key is clamped wrong sided. The arrester (A) has to point to the right.

## Start Measuring

When you clamped the key, press OK to begin measuring. The key profile will be measured on both sides. This process lasts approximately 2 - 3 minutes depending on the type of key.

Attention: Never touch the measuring unit nor the key during this phase!

Note: If you press the STOP key, you can stop the work in progress.

```
*Measuring process*  
Please wait...
```

## Remove the Key

```
Measuring finished  
Please remove key  
  
Then press OK
```

Now release the plastic-button (K) to remove the key.

### Important!

**Do not leave the key clamped else the measuring unit will get bent during cutting!**

After removing the key press OK.

During the calculation which blank key will fit, the dimensions of the original key and a reminder to clean the cutting box will be shown.

```
Please wait...  
thick: 2,13 mm  
wide: 8,24 mm
```

```
CAUTION!  
Sweep the  
Rohlex-Area clean.  
Then press OK.
```

## Calculating the Right Rohlex (key blank) Automatically.

```
Please clamp:  
** Rohlex Nr: 25/75 **  
>NORMAL MILLING  
Special options
```

Now you can see the number of the Rohlex that fits for the measured original key. This number appears on the Rohlex and refers to the width. In this example, you have to use Rohlex no. 25.

Please use only the Rohlex with the number shown on the display.

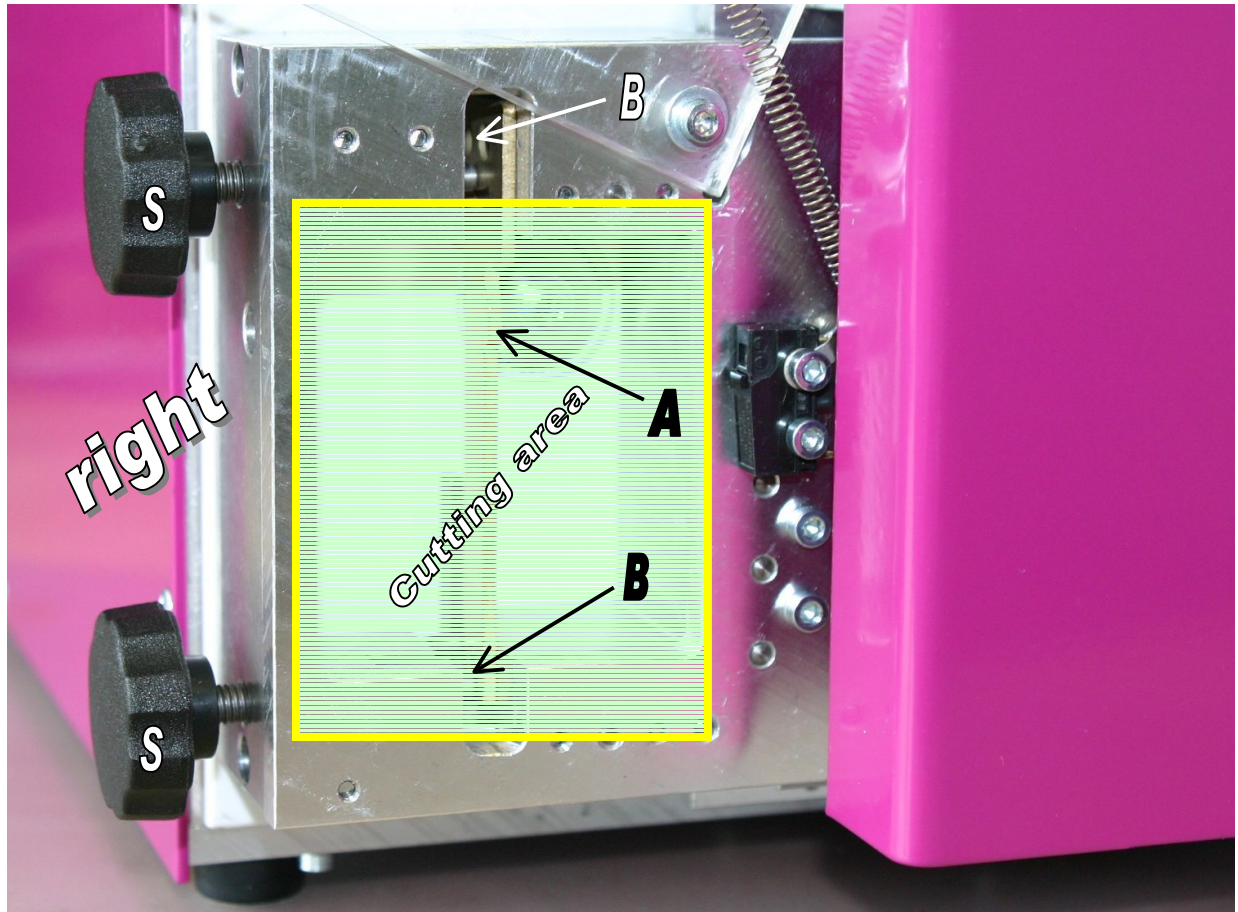
## Clamp in the Rohlex

### **Attention:**

Before you clamp the Rohlex into the cutting area please make sure to clean the area with a brush from residues of previous cutting processes.

*Malfunctions are possible if you don't clean the area properly!*

**Do not clean with compressed air!**



- ✓ Open the pastic cover carefully
- ✓ Clamp a new key blank, which has not yet been cut!
- ✓ The key blank arrester "A" must point to the right !
- ✓ Tighten the key blank with the clamping screws (S)
- ✓ The key blank should sit tightly but the screws must not be tightened too much.

## Start Cutting

Close the plastic cover.

Press OK to start the normal cutting program. The special program will be explained later.

## Cutting, Cutting, Cutting...

```
*** Milling ***  
Duration ca. 5 min.  
Do not open the  
glass-cover
```

```
*** Milling ***  
right side: XX%  
overall:    XX%  
Cancel with Stop
```

The cutting sequence is working fully automatic. The process takes depending on the profile 12-13 minutes. During the operation you get Information about how many Rohlexes has benn milled already. Depending on the profiles up to 25 cutting processes are possible with one cutter.

Attention!: DO NOT touch the moving parts of the EasyEntrie!

NOTE: You can stop the cutting by pressing "Stop".  
After this you cannot continue the cutting!  
DO NOT use a Rohlex, which has already been in the cutting process!

## Remove the Rohlex

```
Milling finished  
Remove the Rohlex  
And clear the Jaws!  
Then press OK
```

Open the plastic cover carefully and remove the Rohlex.  
Then press OK. You may clean up the cutting area now.

## Finished!!!

```
Please select:  
>-Start-Menu  
-Cutting the same  
key again
```

If you press OK EasyEntrie returns to the Start-Menu.

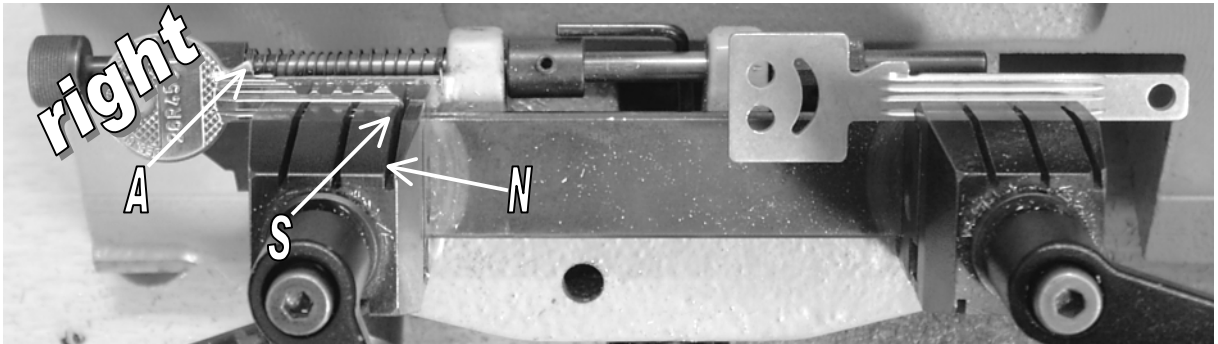
If you select "Cutting the same key again", you can make the same key again without measuring again.

It is this easy to work with EasyEntrie.

Please take a few minutes to read more interesting tips.

## Cut the Rohlex like a normal key blank

First brush the back of the Rohlex with the wire brush from your cutting machine in order to eliminate any ridges.

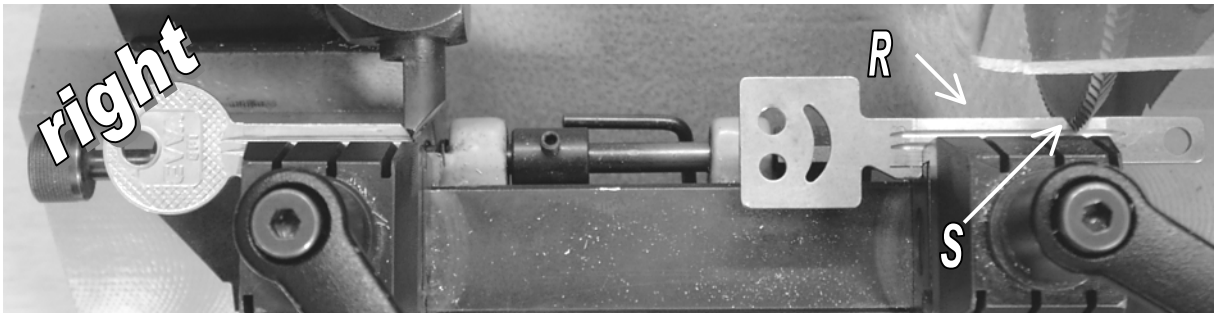


Now you can cut and shorten the Rohlex like a normal key blank.

Check the following:

- ✓ Don't clamp the original key and the Rohlex too far to the right. The arrester (A) has to be slightly left of the bracket.
- ✓ It's working quite well if the tip (S) fits into a flute (N) of the bracket. This way the tip could be cut a little bit deeper.
- ✓ You should cut slowly and in several workflows. Don't cut to the full depth at once to keep the profile in a good shape.

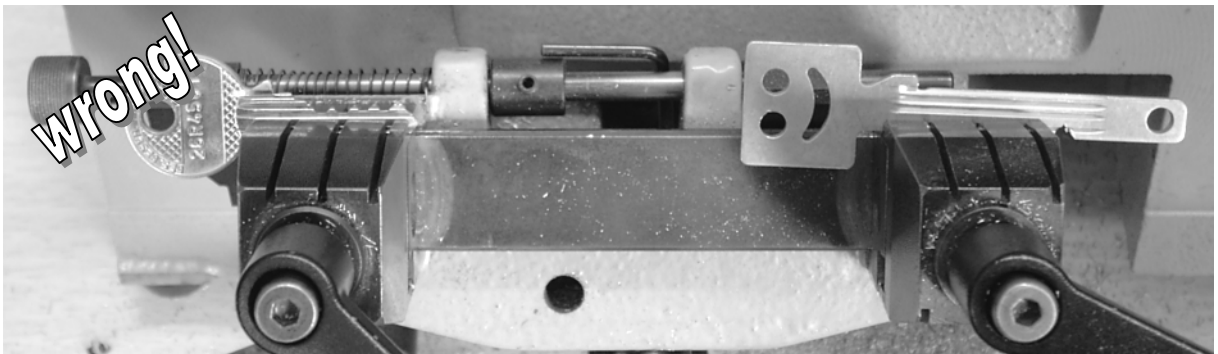
## Shorten the Key Blank



Clamp the Rohlex with the back to the top and cut the tip of the Rohlex. Keep it slow and smooth.

Attention! Only cut the front (S).  
Don't cut all the back (R) of the Rohlex!

## It should not look like this...



Here the key is clamped too much to the right. The back of the Rohlex is not lying straight in the bracket.

## Menus and Navigation

How to navigate through the menus of EasyEntry:

By pressing → you select the next function.

By pressing ← you select the previous function.

By pressing OK you enter the selected function.

## Menu “Special Programs”

```
** Please select **  
>Normal Function  
Special Programs
```

### Normal Function

This program is the normal function for your EasyEntry (measuring and cutting).

### Special Programs

The ‘Special Programs’ menu contains functions that are not needed daily. Because of this the menu appears only after a full restart of the machine. If you need one of these functions switch off the power supply, wait for approximately 20 seconds and switch the power supply on.

If you select this option you can do the following:

#### Change cutter

In case you need to change the cutter you have to use this program. It will guide you through the whole process of changing and calibrating the cutter. A digital slide ruler comes in handy for this program to measure the final thickness of a test Rohlex that will be cut during the process.

#### Book in new Rohlex

The EasyEntry is by default activated to cut only a low number of Rohlexes.

If you have a rented or subsidized machine you get a certain PIN and TAN-number with every delivery of Rohlexes to unlock the EasyEntry for the quantity of ordered Rohlexes.

If you have an EasyEntry with a full license you will get a special unlock code to unlock the machine.

**If you bought an EasyEntry V9+ you will get a special activating code for cutting Rohlexes with 3mm strength and turningkeys.**

#### Change measuring unit

In case you have to change the measuring unit please use this program. It will calibrate the new measuring unit.

#### Change thickness

If you want to change the thickness of the cutted Rohlexes permanently, please use this program. ATTENTION! If you use this program wrong it will lead to Rohlexes that do not fit anymore.

Note: If you want to cut several Rohlexes thicker or thinner once in a while you should use the menu ‘Special Program’ that appears within the ‘Normal function’ mode at the point when you are asked to clamp the Rohlex for the measured original key. This menu will be explained on the next page in this document.

### Machinetest

This menu is for servicing the machine and should be used by technical support staff or experienced users only.

ATTENTION! There **must not** be clamped an original key or a Rohlex in the machine.

### Softwareupdate

This function is for updating the EasyEntry software through the EasyEntry USB cable. The process is described in the 'update\_EasyEntry\_EN.pdf' document of the delivered update.

## **Menu Special Program (part of Normal Function)**

```
Please clamp:
** Rohlex Nr. 25/75 **
NORMAL CUT
>Special Program
```

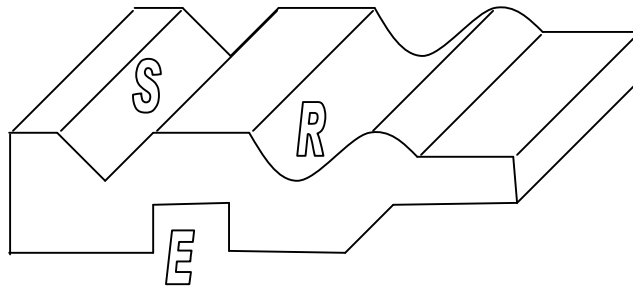
This menu is shown before the cutting process starts.

### **Special Program**

Here you can adjust the program to cut the Rohlex thicker or thinner just once. If you have a very worn key which is thinner than normal, you can cut the Rohlex a little bit thicker.

## Which Profiles can we cut with the EasyEntrie?

**Yes**

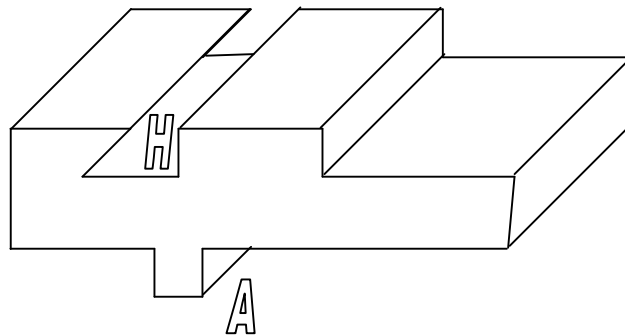


With the EasyEntrie you can cut almost all profile forms:

Even when the profile notches are square (E), pointy (S) or round (R).

Easyentrie's measuring unit reads the profile and calculates a special profile so that it fits in the lock.

**No**




You can not make profiles like "H" or flat keys with special noses like "A".

## Change the Cutting Blade

After about 25 cutting processes you have to change the cutting blade. Also in the cases that the cutting process is creating ridges at the profile or the process is becoming abnormally loud you should consider a change of the cutting blade.

Note: Use the special program 'change cutter' for this process.

```
** Please select **  
Normal Function  
>Special Programs
```

Press  and then press OK

Then select "change cutter" and press OK

```
**cutter changing **  
Remove Key and Rohlex  
Then press OK
```

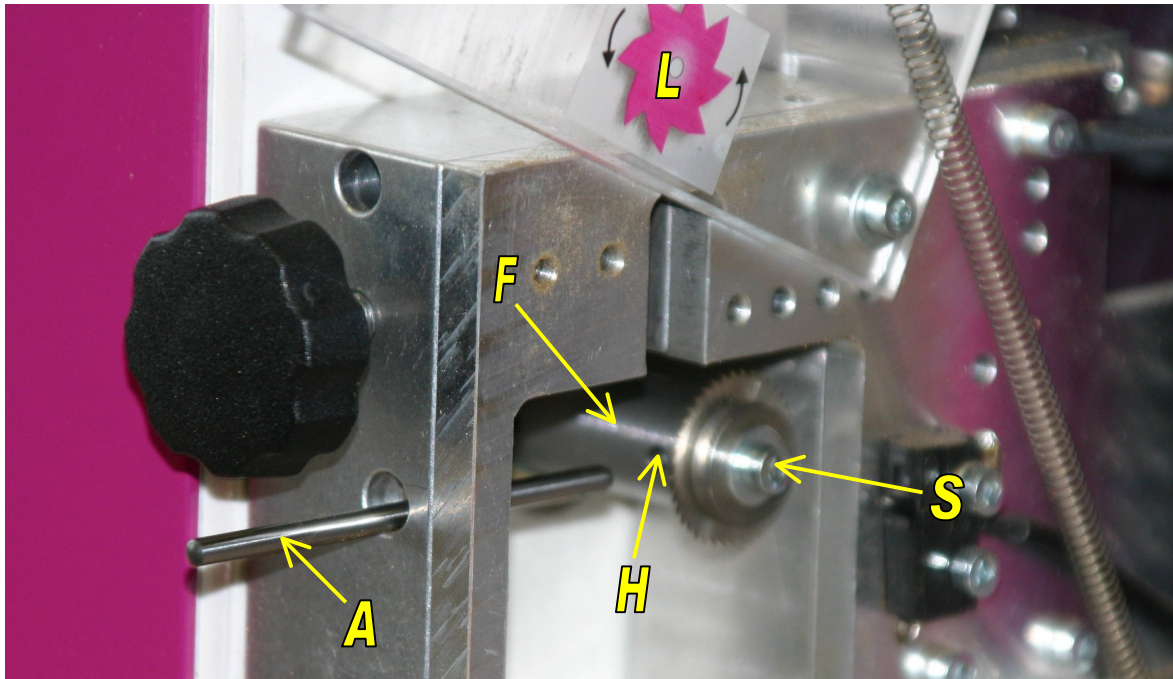
Press OK.

```
CAUTION!  
Sweep the  
Rohlex-Area clean  
Then press OK.
```

Please make sure to clean the cutting area with a brush from residues of previous cutting processes before changing the cutter. Press OK.

Continuing on the next page...

Install the cutter.  
Cutting edges on the  
top to the left side.  
Then press OK.



The cutting spindle moves forward.

Turn plastic protection plate up and change the cutting blade. Turn the cutter spindle until you can put the locking pin (A) into the bore hole (H) inside the spindle (F). Then unscrew the socket screw (S), put in a new cutting blade and screw the socket screw back on.

Please make sure that you insert the new cutting blade in the right direction with the teeth rotating to the left, as shown on the pink sticker (L).

Press OK. Clamp a Rohlex number 20 and let the cutter measure and configure itself. After this procedure a test run follows which will take about 1minute. Use a slide ruler (digital is recommended) to measure the thickness of the Rohlex and choose the corresponding value on the display. You are ready to go.

## Cleaning

The mechanics of the EasyEntry are maintenance-free. You don't need to apply oil or grease anywhere.

**IMPORTANT!** The regular cleaning of the cutting area however is essential to keep the machine working. If residues impurified the measure-unit take care that no residues end up in the chassis while cleaning the area.

**For key duplication, please observe the relevant law regulations in your country.**  
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These instructions are part of the EasyEntry package. Should you sell the machine, please do not forget to include them.