

BLACK WIDOW



USER MANUAL





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Cautions

Safety Instructions


- Make sure to observe the following items for using the equipment safely.
 - Below information is provided to enhance the user security awareness and prevent property loss. Read the cautions carefully before use.
-  It indicates that you may get injured or damage the equipment if fail to follow the instructions.
-  It indicates that you will be seriously injured if fail to follow the instructions.

Cautions for Power

-  Never use damaged power cords or loose plugs or sockets.

Never pull out the plug by tugging the power cord, or touch the metal part of the power plug.


If smoke rises up or abnormal voice sounds when using the equipment, turn off the power right away and contact your dealer or our factory for advice.

-  Never plug in many power cords in one outlet simultaneously, otherwise the outlet may get too hot and cause fire.

Keep the equipment unplugged when unused for a long time.

Cigarette lighter plug fuse may blow out if you connect the equipment with the vehicle cigarette lighter plug. In such a case, use a new fuse in 10A or more. You can only connect the equipment with cigarette lighter plug while the vehicle engine is running.


Cautions for Installation

-  Do not install the equipment in a place with oil, smog, moist, dust and water splashing, it may cause electric shock or fire.

Make sure to install the equipment on stable flat surface. The equipment weights about 30 lbs and generates vibration during operation. If you use the equipment on bumpy surface, it may lead to damage to equipment and injury to users.

-  Do not put lit cigarettes or candles on the equipment; Keep the equipment away from heating devices like stoves when in use, otherwise it may get overheated, resulting in equipment failure or fire.

Cautions for Usage


-  The cutter of the equipment spins at high speed during operation. Keep your body or clothing or other things away from the equipment, otherwise the user may get seriously injured by the cutter.

Do not put any tools, water containers, mugs, cups or small metal pieces on the equipment or crumb tray.


Vibration of the equipment and carelessness of the user may cause falling of the above objects, which leads to injuries on the user.

Overheating or electric leakage may lead to fire or equipment failure, it may cause electric shock or fire when the equipment gets wet.

Other cautions

-  Do not disassemble or modify the equipment. It may cause fire, electric shock and equipment failure. If you need a check-up, adjustment, repair of the equipment, please ask your dealer or contact our factory for advice.

The Black Widow should only be operated by an adult.

-  In winter (sub-zero temperature), the equipment may not work properly. In such a case, the user can increase temperature of working environment. Do not let the temperature of working environment go lower than zero.

Standard Package

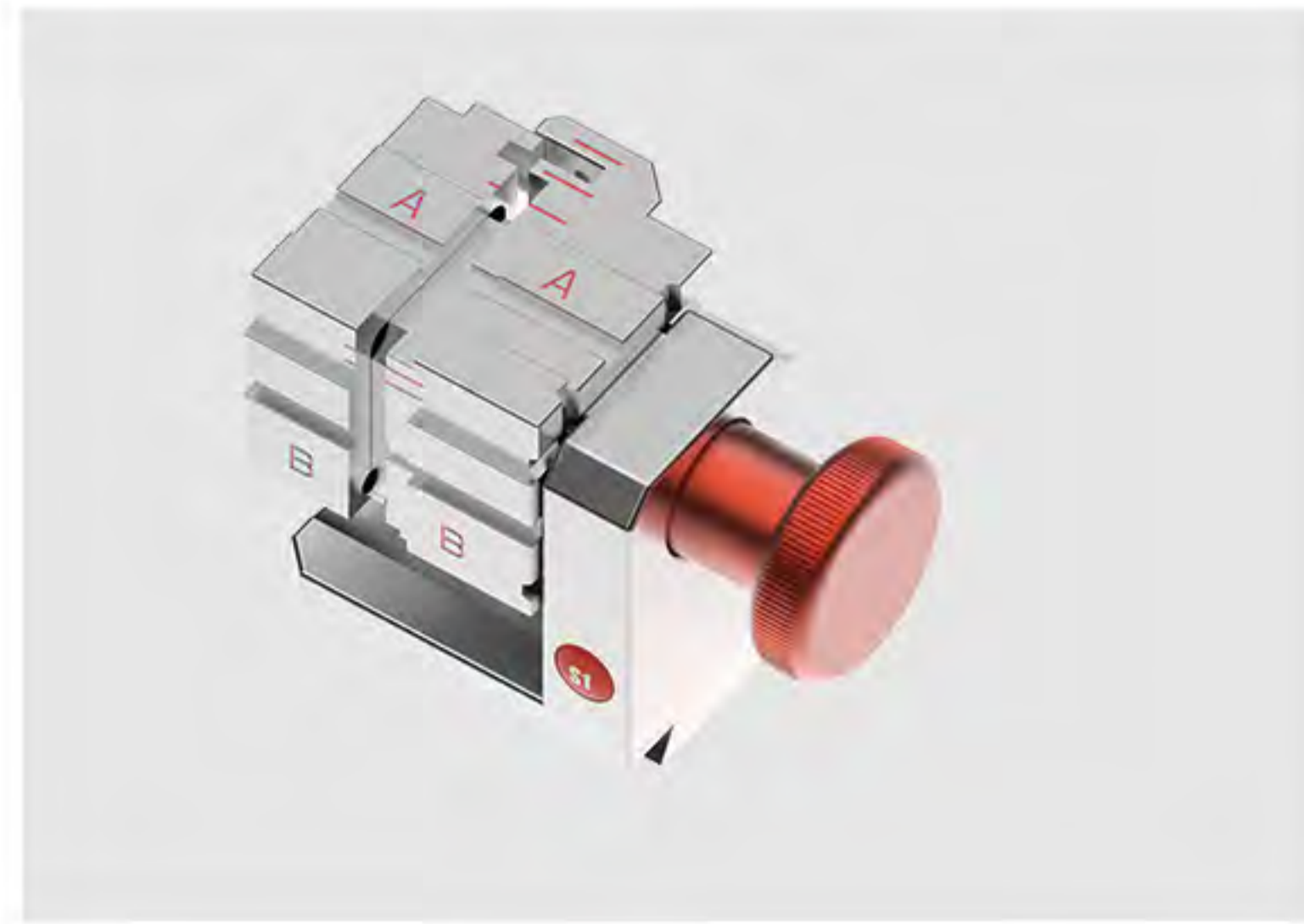


 **Tips:** Cutter and decoder are consumable items. Make sure to replace it after a certain period of use.



The Black Widow Key Cutting Machine

Quantity: 1EA
Holds double-sided, edge-cut, laser-cut, and dimple keys.



S1 Jaw (4-Way Jaw)

Quantity: 1EA
Purpose: Fixing standard keys, laser keys and dimple keys (Dimple cutter and decoder is optional)



1.5mm Cutter

Quantity: 1EA



2.0mm Cutter

Quantity: 1EA
Purpose: Cutting most key types.



45° Decoder

Quantity: 2EA
Purpose: Key decoding tool



Calibration Block

Quantity: 1EA
Purpose: Calibration jaw



Stopper

Quantity: 1EA
Purpose: Guiding key reference position



M3 Screw

Quantity: 2EA
Purpose: Fixing keys on Side C/D of S1 jaw



M5*10 Sharp Screw

Quantity: 2EA
Purpose: Fixing key jaws on machine



M5 Screw

Quantity: 2EA
Purpose: Fixing cutter and decoder



1.5mm L-wrench

Quantity: 1EA
Purpose: Tightening M3 screws



2.5mm T-wrench

Quantity: 1EA
Purpose: Tightening M5 screws



12V Adaptor with Power Cord

Quantity: 1EA
Purpose: Power supply INPUT 100~240V 50/60Hz 3A OUTPUT 12V 12.5A



USB Cable for Upgrade

Quantity: 1EA
Purpose: Machine upgrade



Brush

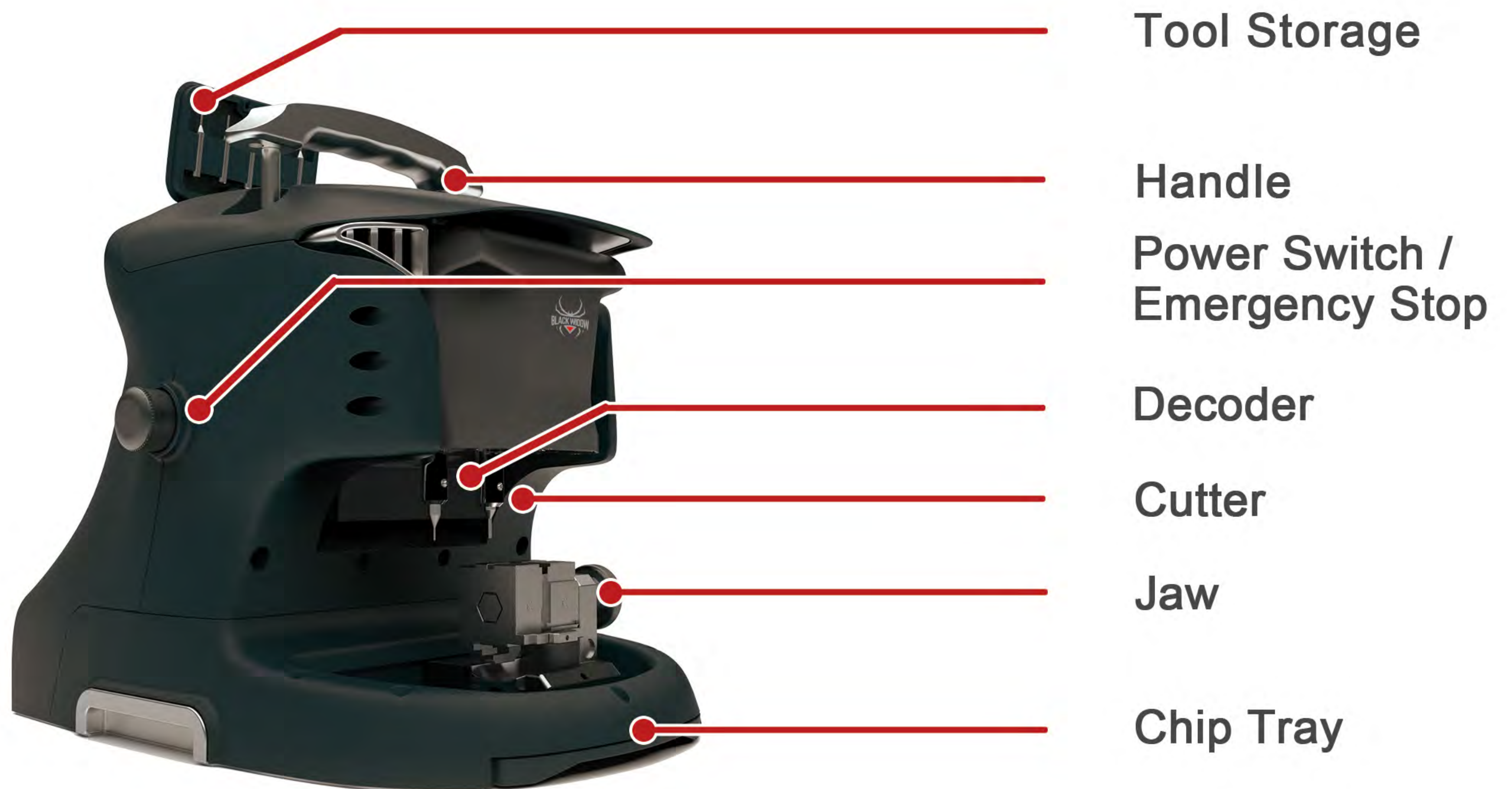
Quantity: 1EA



Shield

Quantity: 1EA

Part Name



Power Port(12V)

USB Port

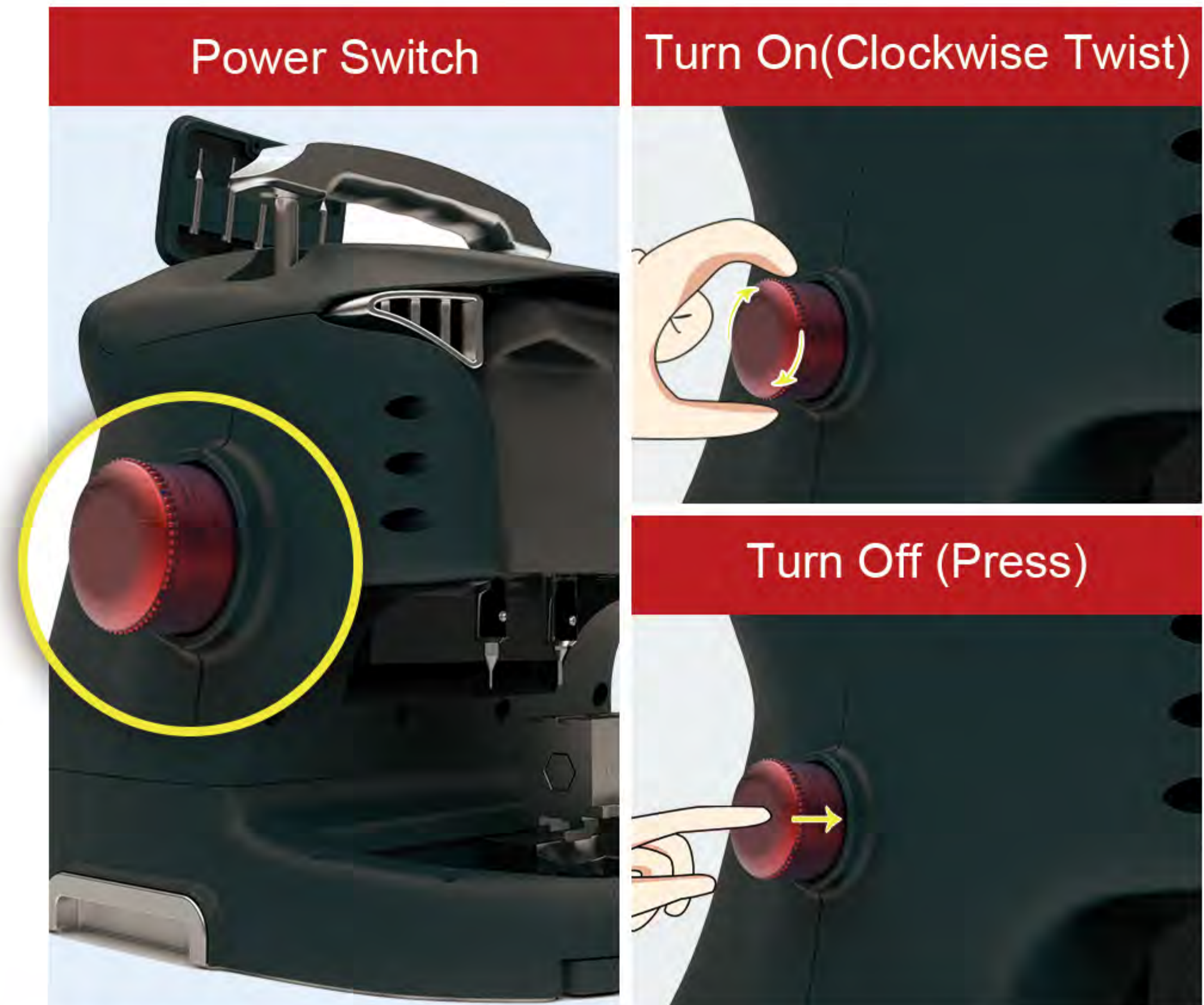


ⓘ Attention

- Hitting the machine with heavy or sharp things may damage the display screen.
- The Decoder is a consumable item, and damages easily.
- Please handle with care.
- We are not responsible for damaged decoders.

Power Adapter


Accessories/Components for Power



 Connect the power adaptor, clockwise twist switch to turn on the equipment, press switch to turn off the equipment.

Specification

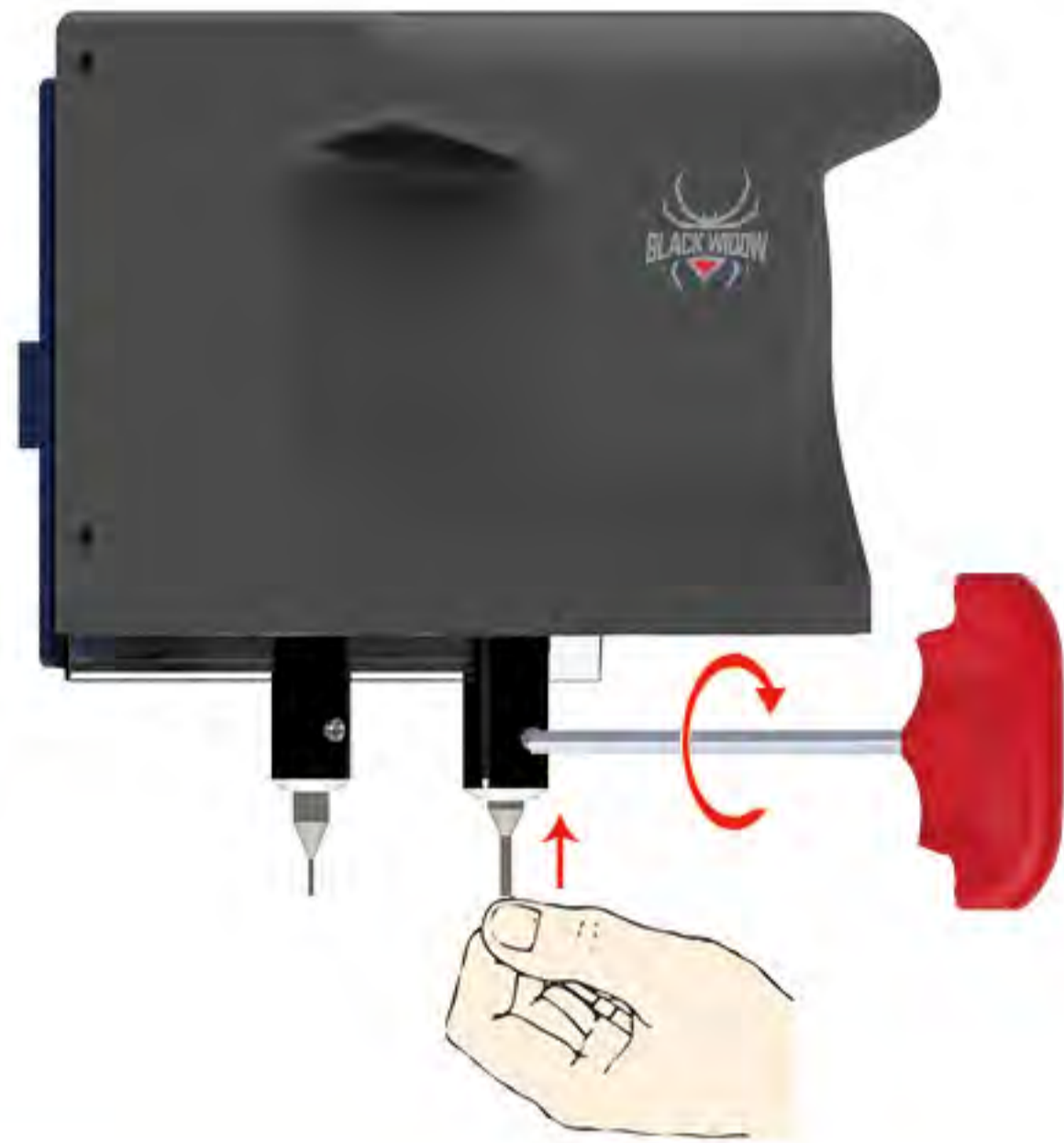
Equipment Specification

Power Input	
Voltage	DC12V/12.5A
Power	150W
Dimension	270(W) x 300(H) x 370(D)mm
Weight	14kg
Theoretical Accuracy	XY Axis:0.005mm Z Axis:0.0025mm
Spindle Speed	12000+rpm
Working Temperature Range	0-40°C / 32-104°F
Working Humidity Range	10-90%
Usage	To cut automobile keys, residential keys, motorcycle keys, dimple keys, tubular keys, FO21 tibbe keys.

Consumable Items

Cutter

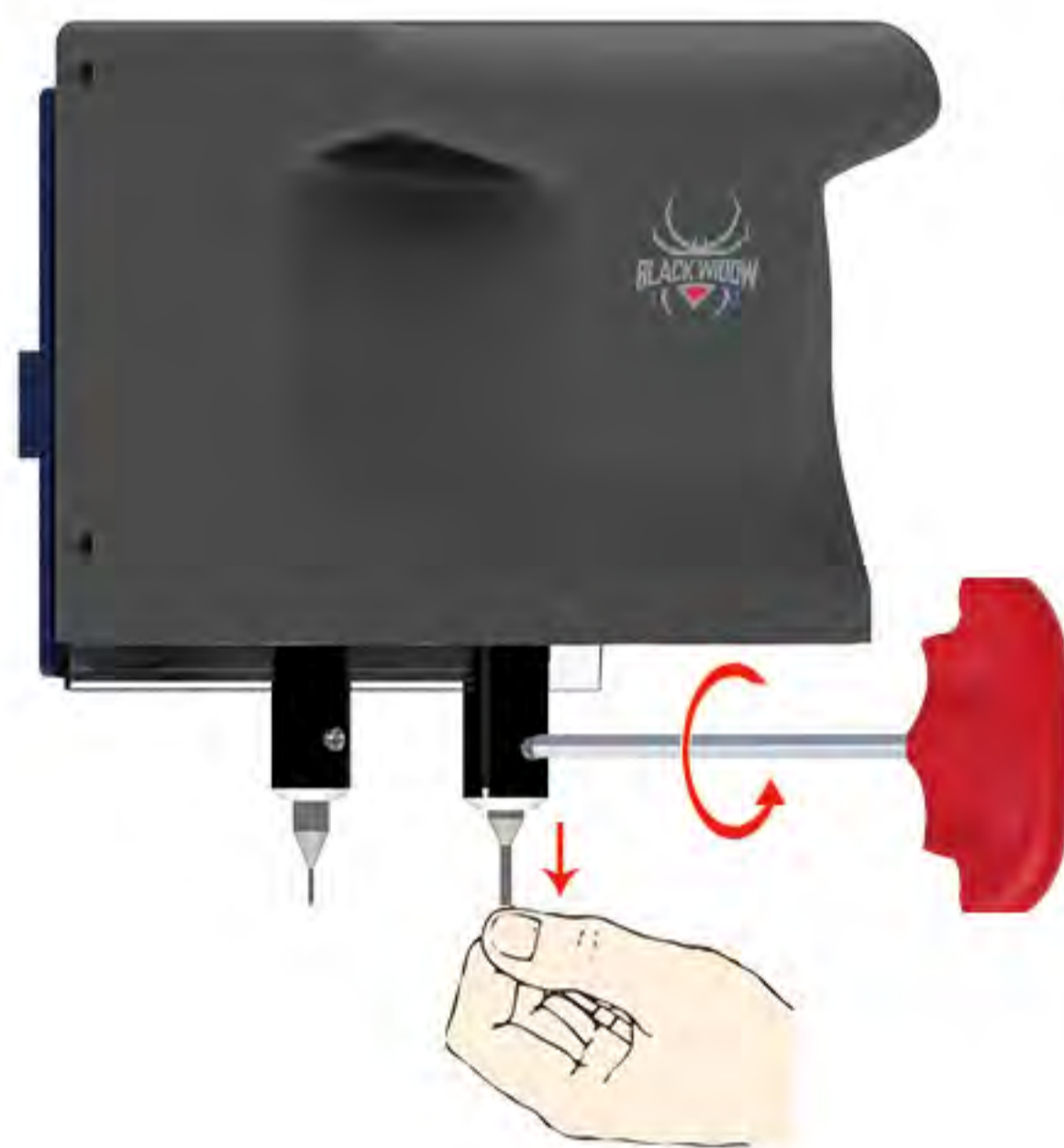
- 1.1 Installation
- 1.2 Disassembly



1.1 Installation

Steps for Cutter Installation

- (1) Insert the cutter into the cutter holder and push it to the limit
- (2) Fix M5 screw tightly by turning 2.5mm T-wrench clockwise



1.2 Disassembly

Steps for Cutter Disassembly:

- (1) Hold the cutter and loosen M5 screw by turning 2.5mm T-wrench counterclockwise.
- (2) Take the cutter out after it looses.



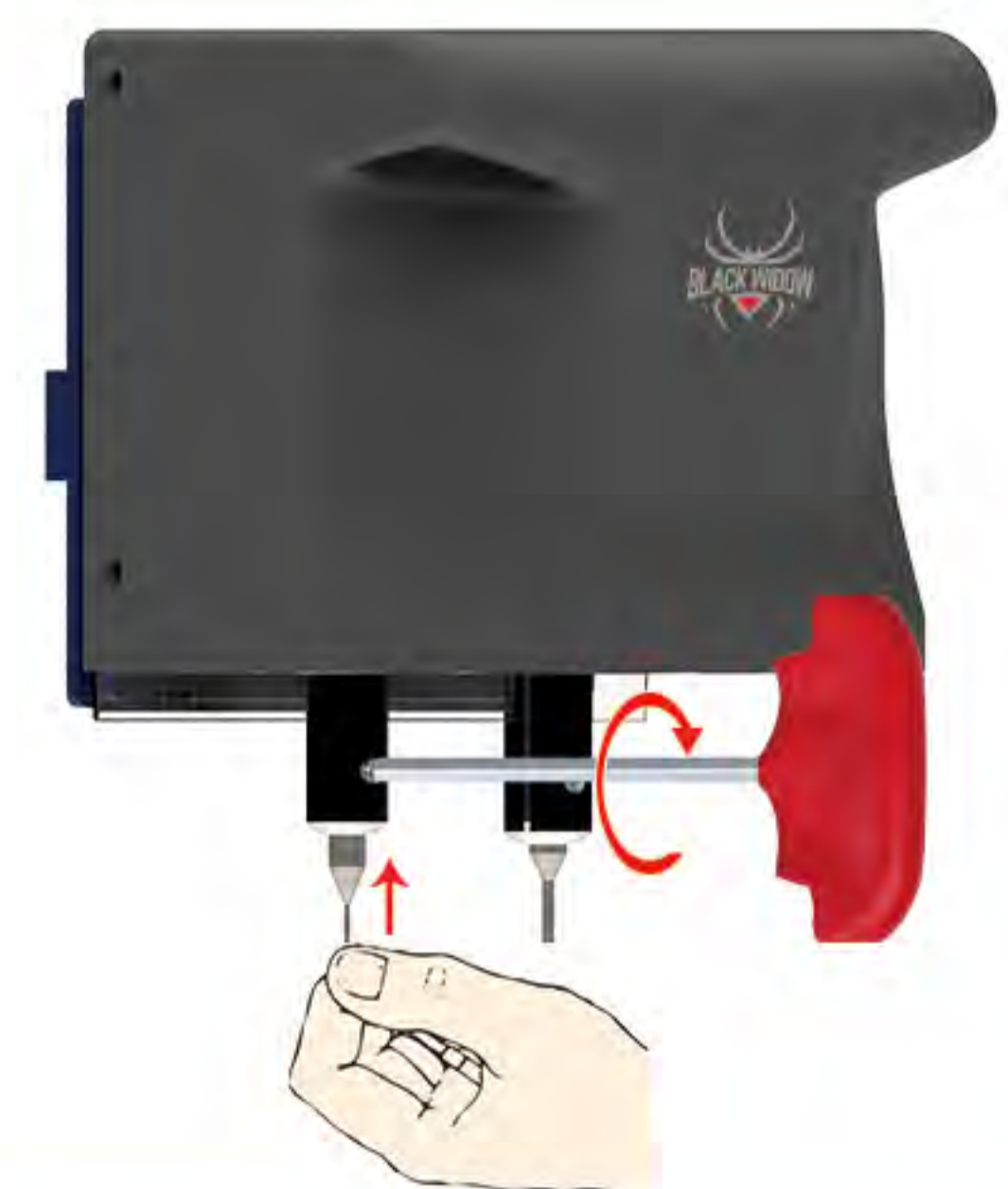
Decoder

- 2.1 Installation
- 2.2 Disassembly

2.1 Installation

Steps for Decoder Installation:

- (1) Insert the decoder into the decoder holder and push it to the limit
- (2) Fix M5 screw tightly by turning 2.5mm T-wrench clockwise



2.2 Disassembly

Steps for Decoder Disassembly:

- (1) Hold the decoder and loosen M5 screw by turning 2.5mm T-wrench counterclockwise.
- (2) Take the decoder out after it looses.



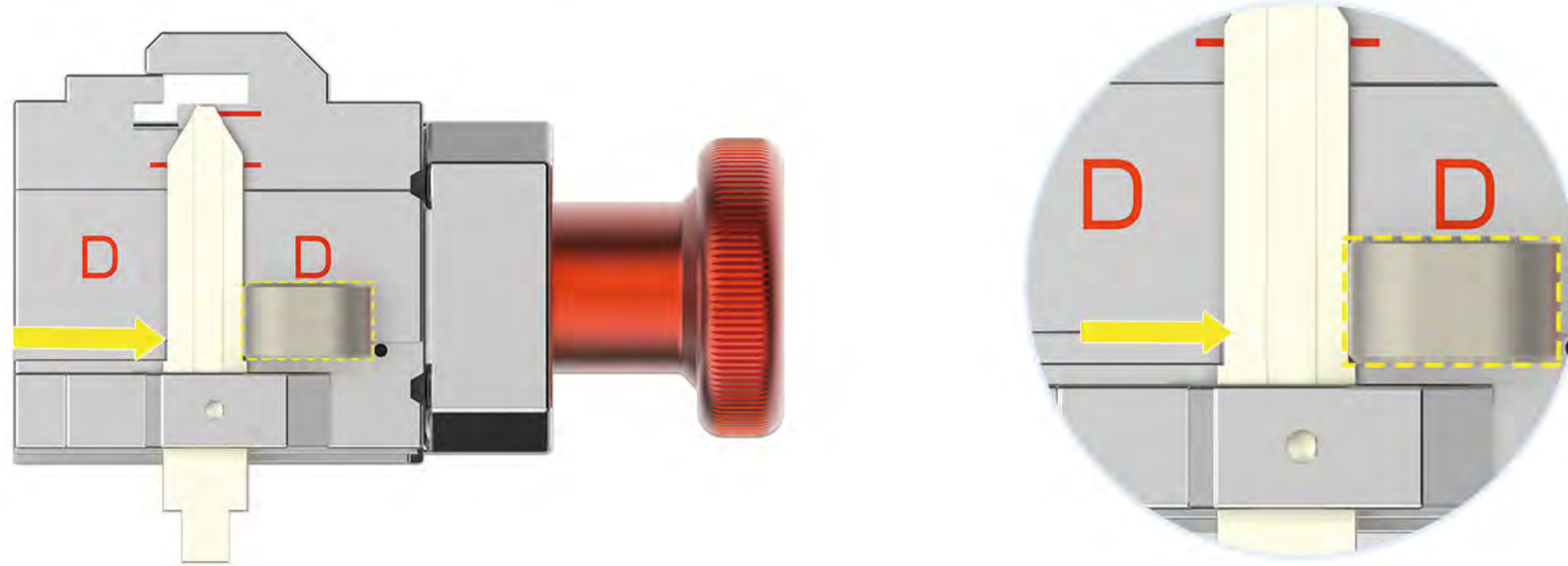
Key Fixation



Tip: Please select correct side of S1 Jaw according to App shown

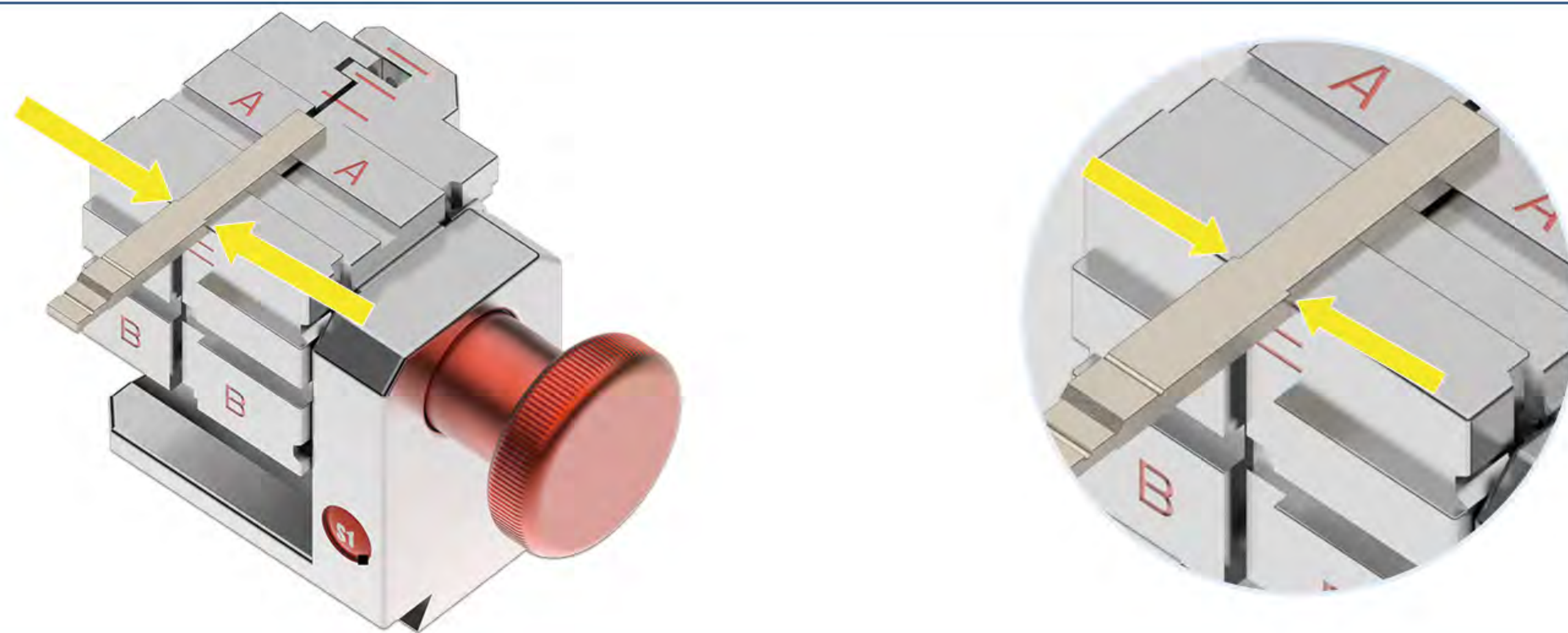
Shoulder Align

Edge-Cut Key



Fix the key at Side C&D with stopper.

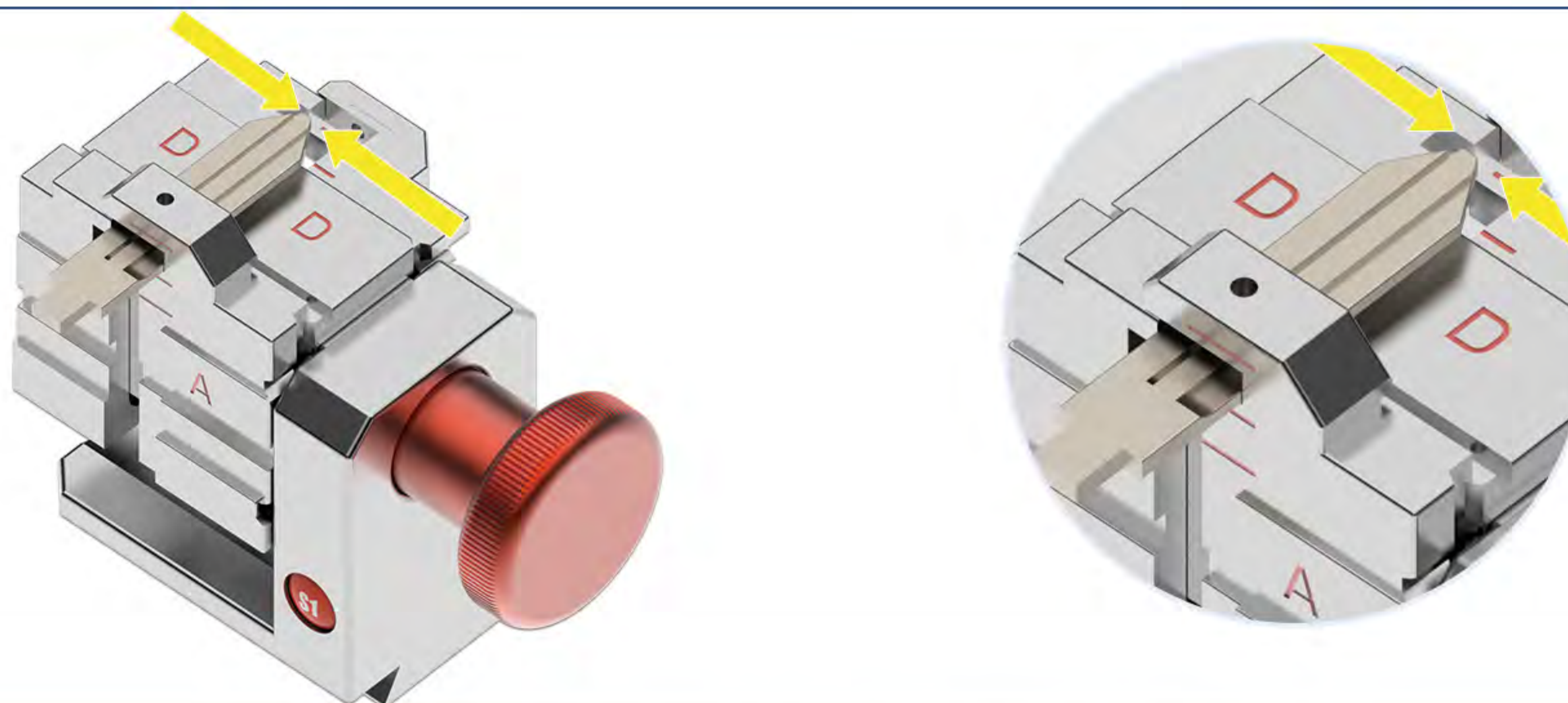
Laser Key



Fix the key at Side A&B, no need to use stopper.

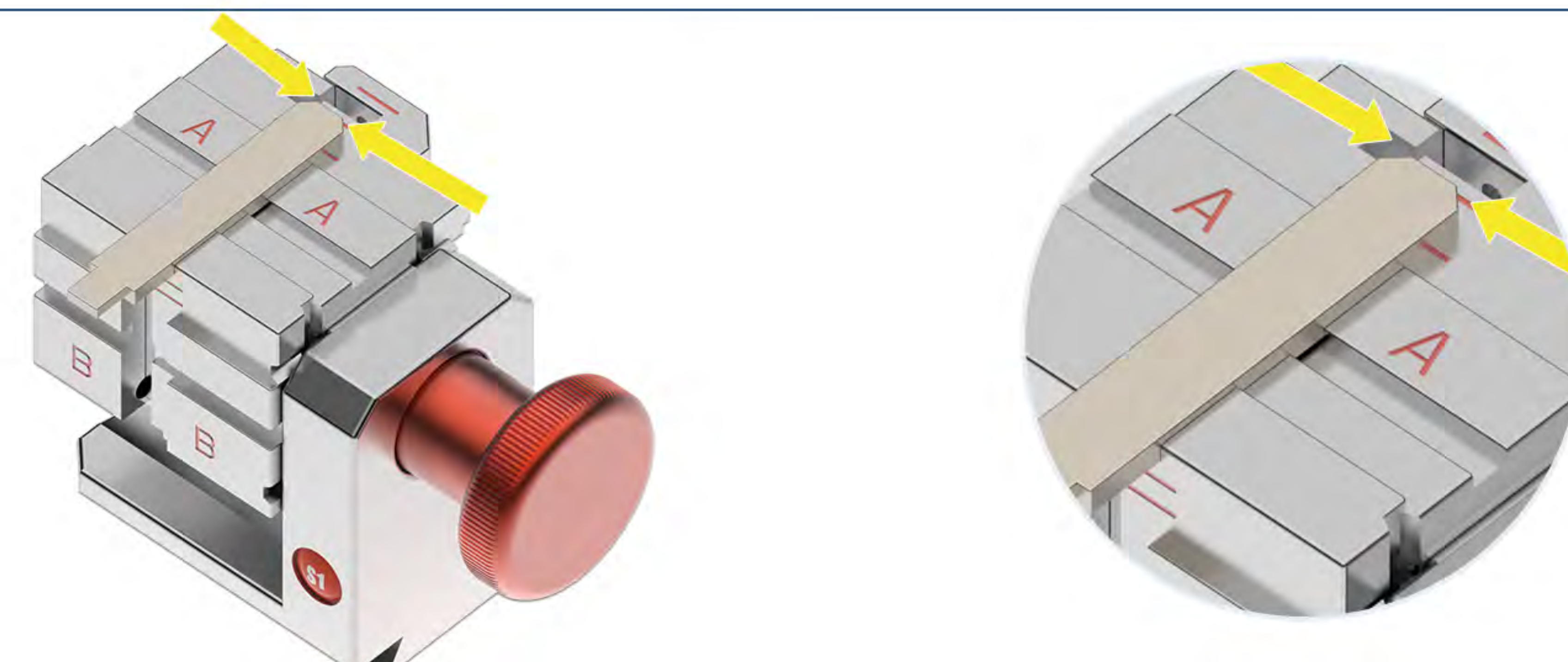
Tip Align

Edge-Cut Key



Fix the key at Side C&D, no need to use stopper.

Laser Key

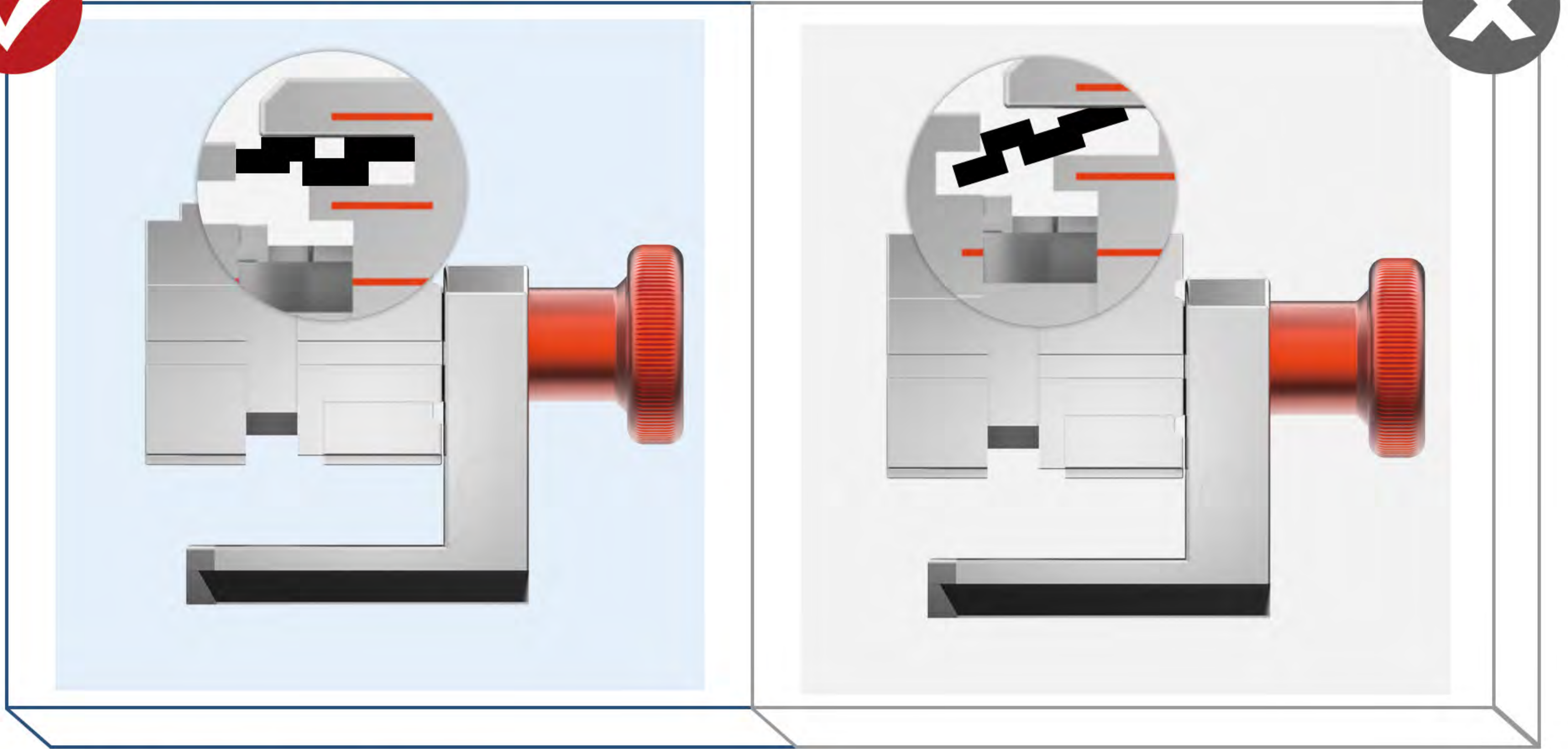


Fix the key at Side A&B, no need to use stopper.

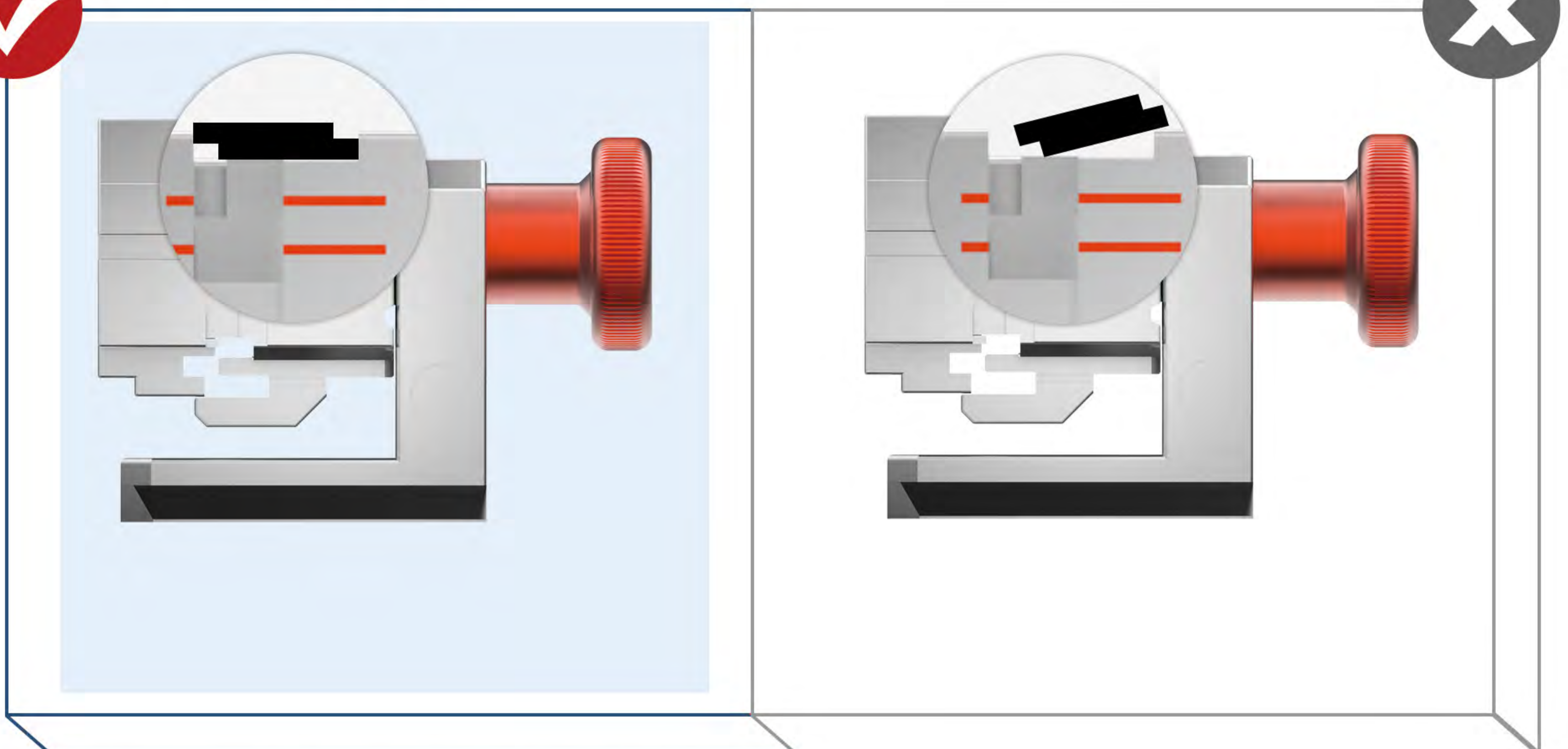
Key Fixation

ⓘ Please avoid below mistakes when fixing the keys

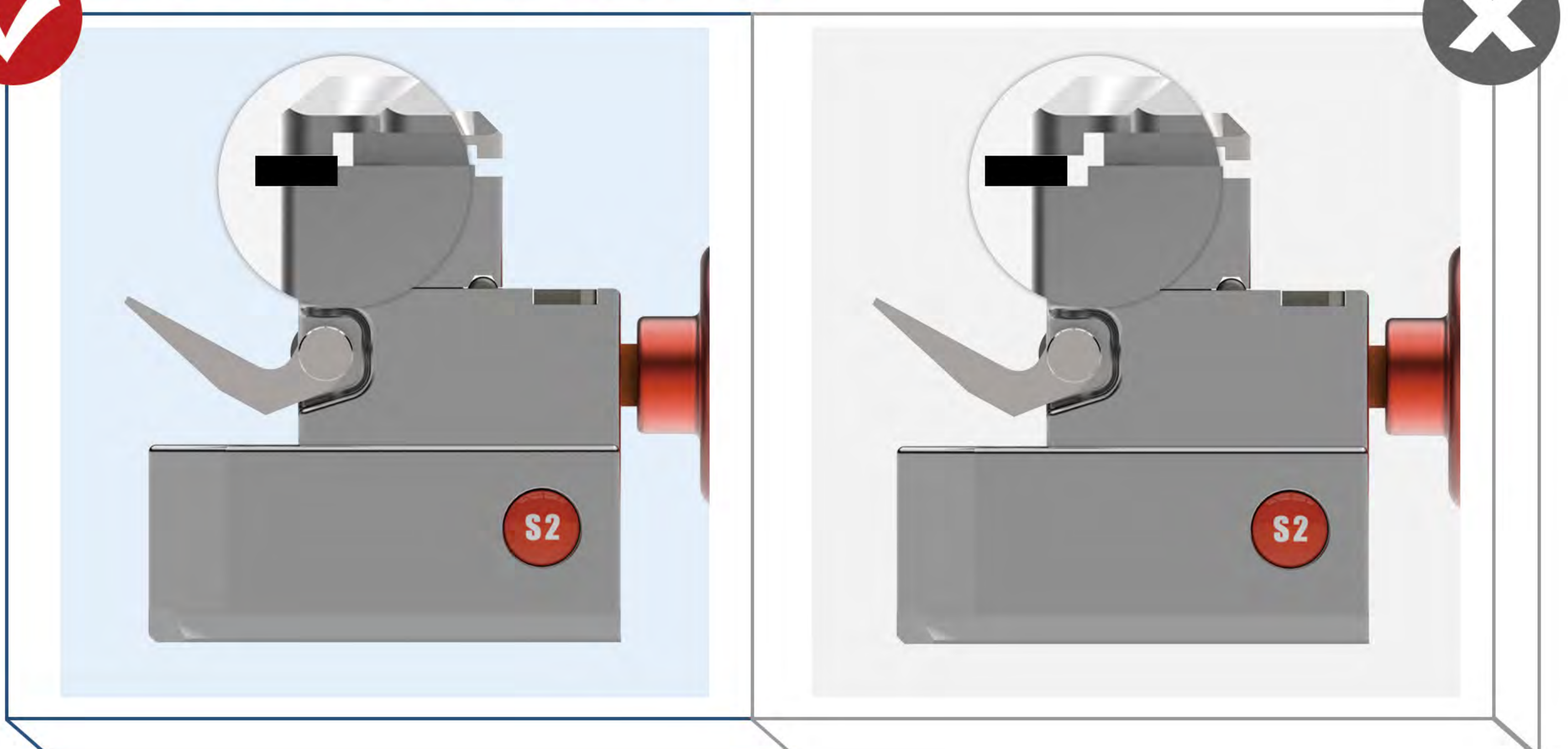
✓ S1 Jaw - Edge-Cut Key



✓ S1 Jaw - Laser Key



✓ S2 Jaw - Single-Sided Edge-Cut Key



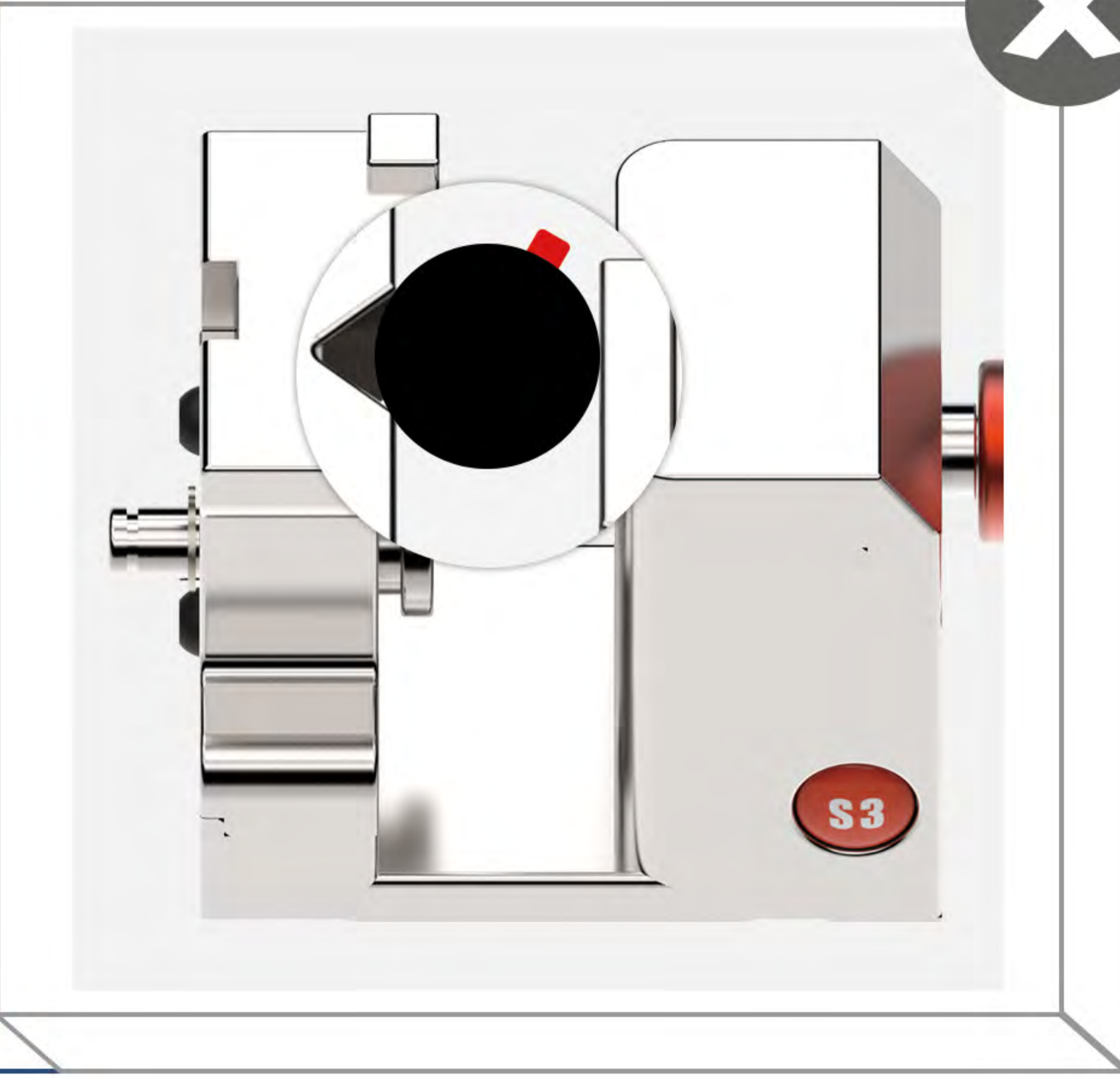
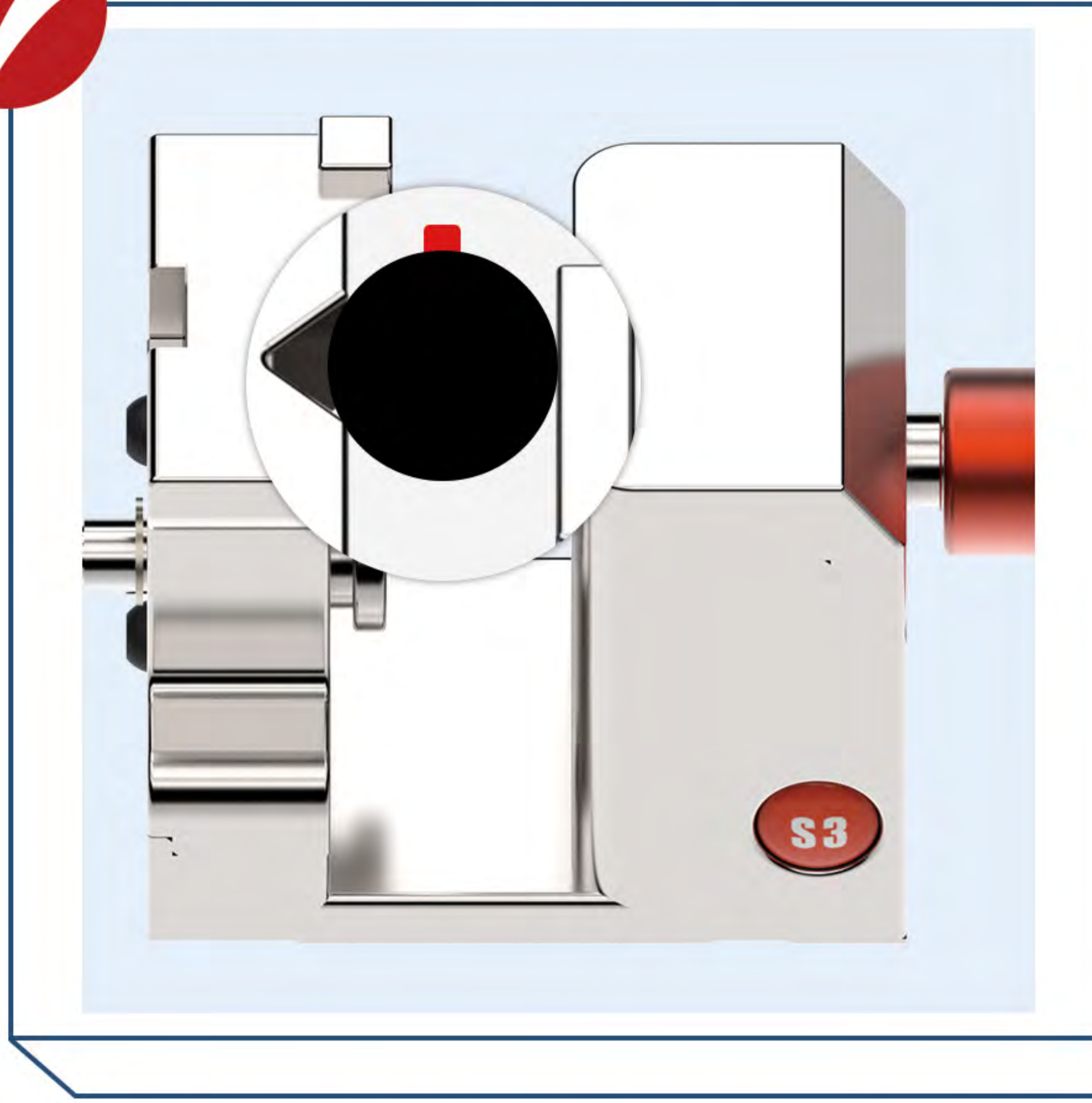
Key Fixation



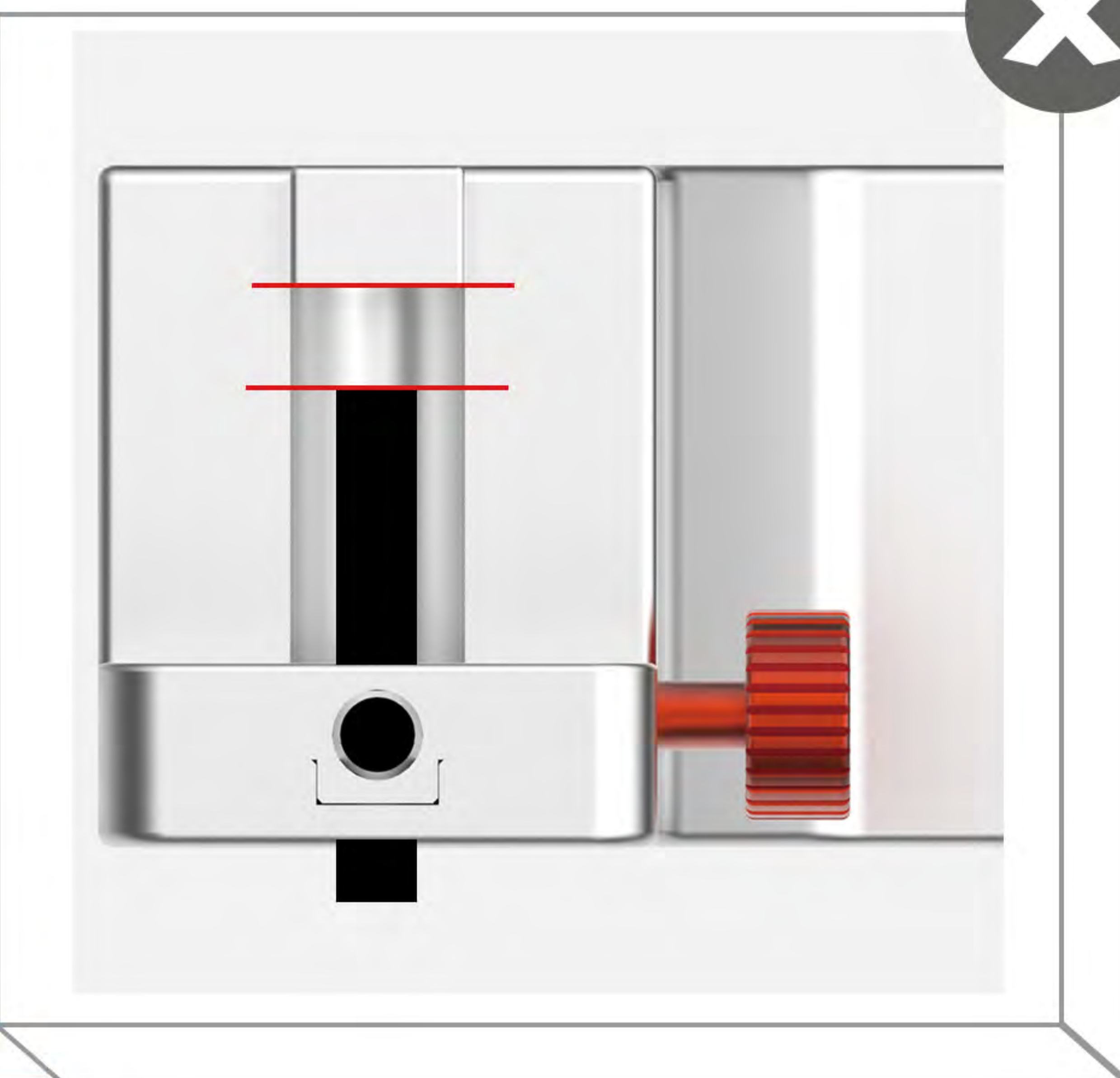
ⓘ Please avoid below mistakes when fixing the keys



S3 Jaw - Tubular Key



S4 Jaw - Tibbe Key (Ford / Jaguar)

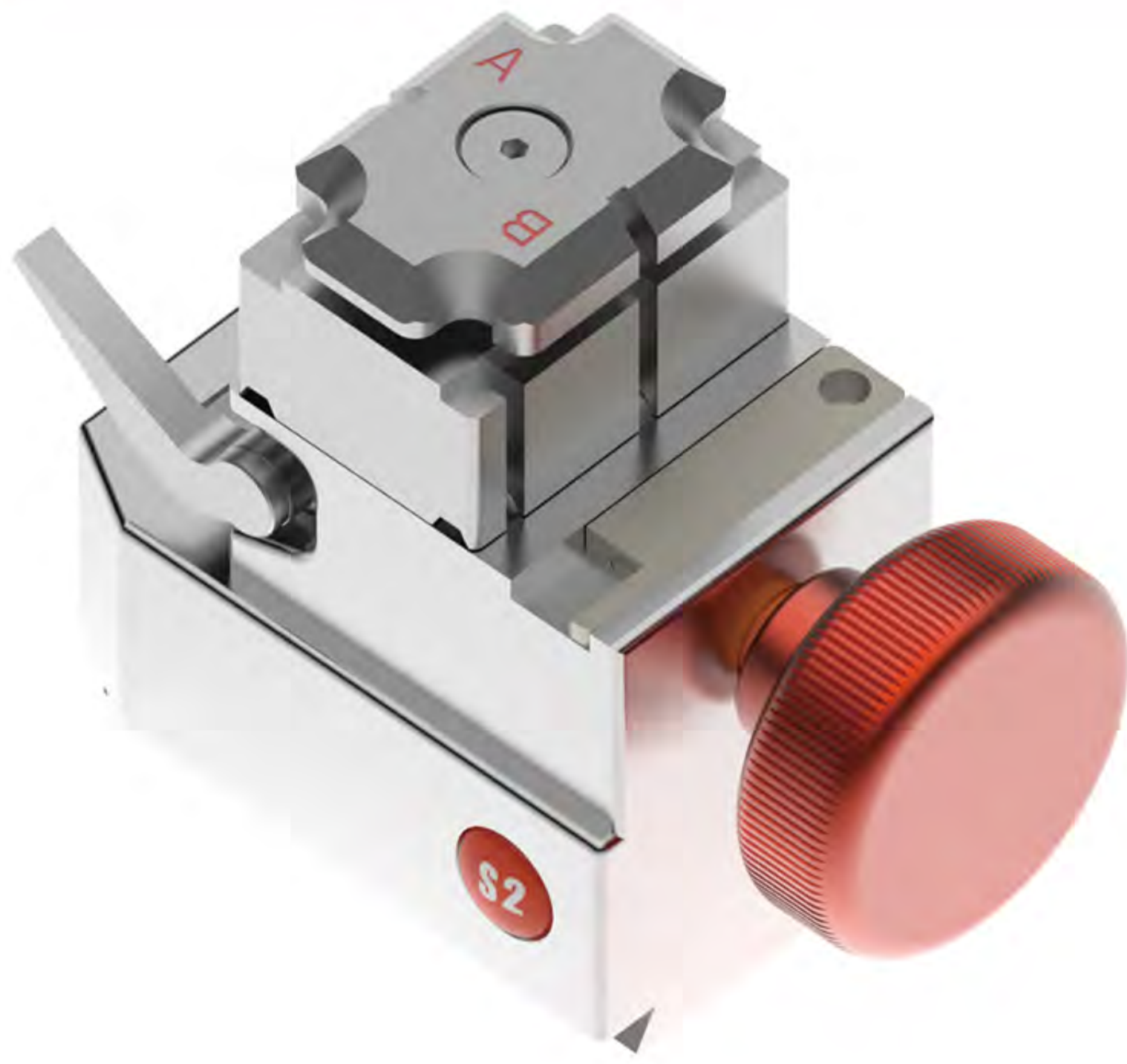
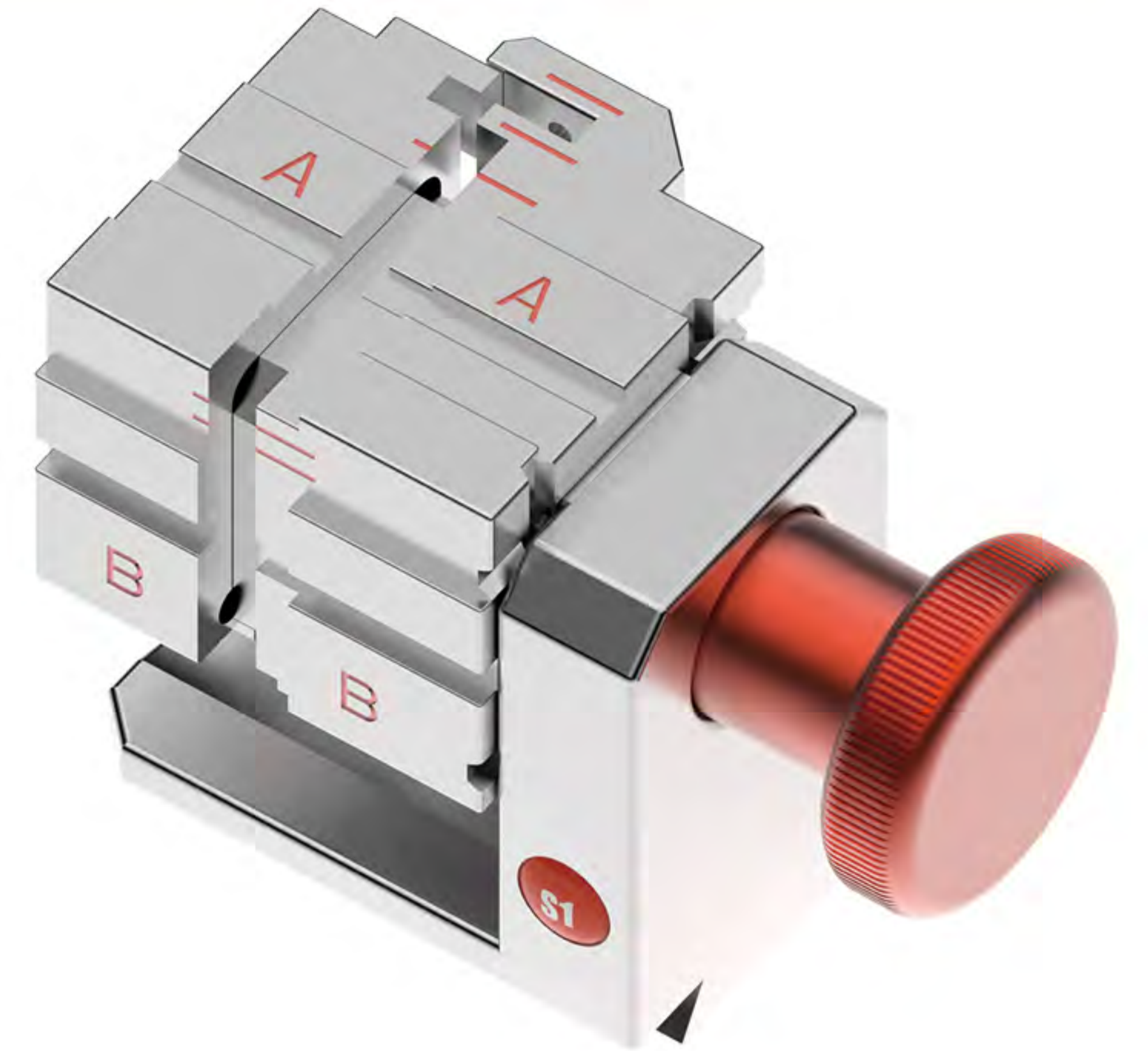


Jaw Instruction

**S1
Jaw**

Available for

Double-sided edge-cut keys
Single internal laser-cut keys
Single external laser-cut keys
Double internal laser-cut keys
Double external laser-cut keys
Dimple keys



Available for

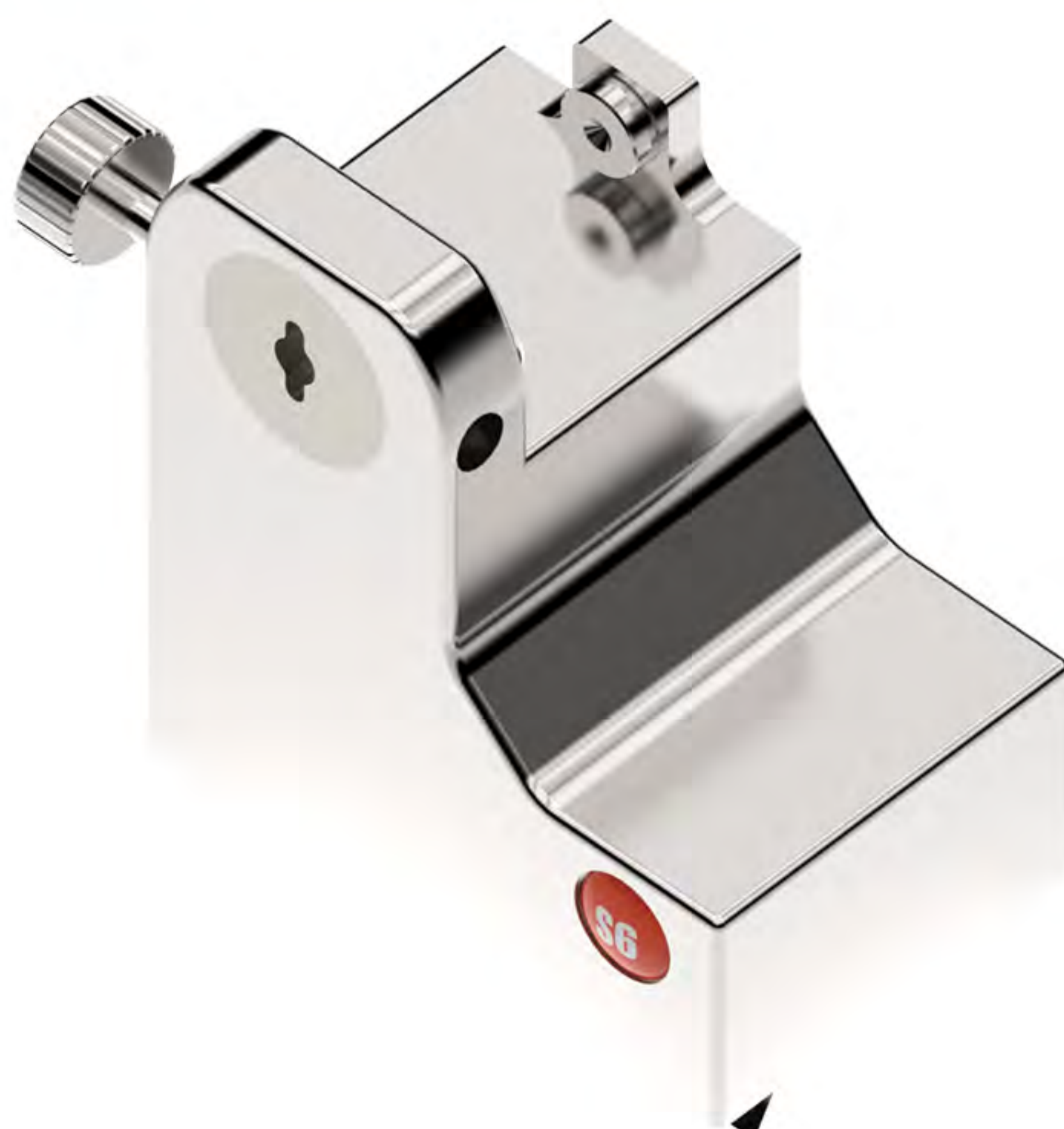
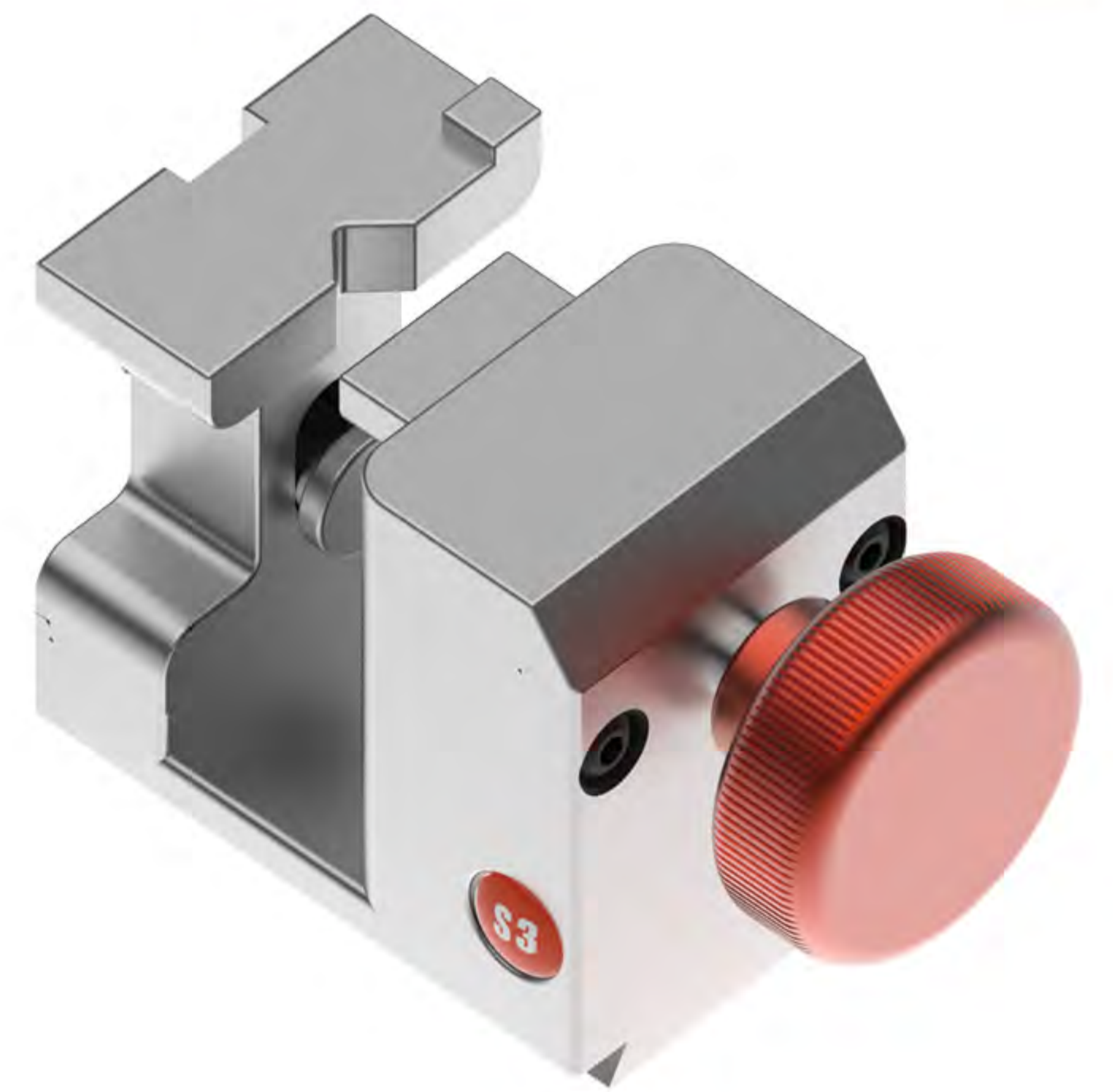
Single-Sided
Edge-Cut keys

**S2
Jaw**

**S3
Jaw**

Available for

Tubular keys

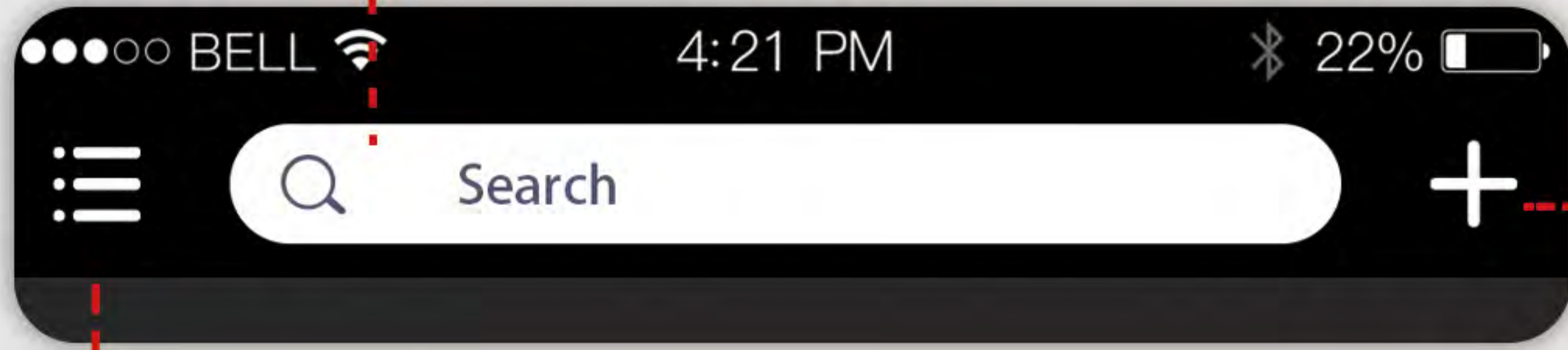


Available for

6-Cut & 8-Cut
Tibbe keys for Ford & Jaguar

**S4
Jaw**

Standard Menu



Search Key Blank or Card #



Product Support



Device Menu



Types of Car Keys



Types of House or Commercial Keys



Bluetooth is Disconnected

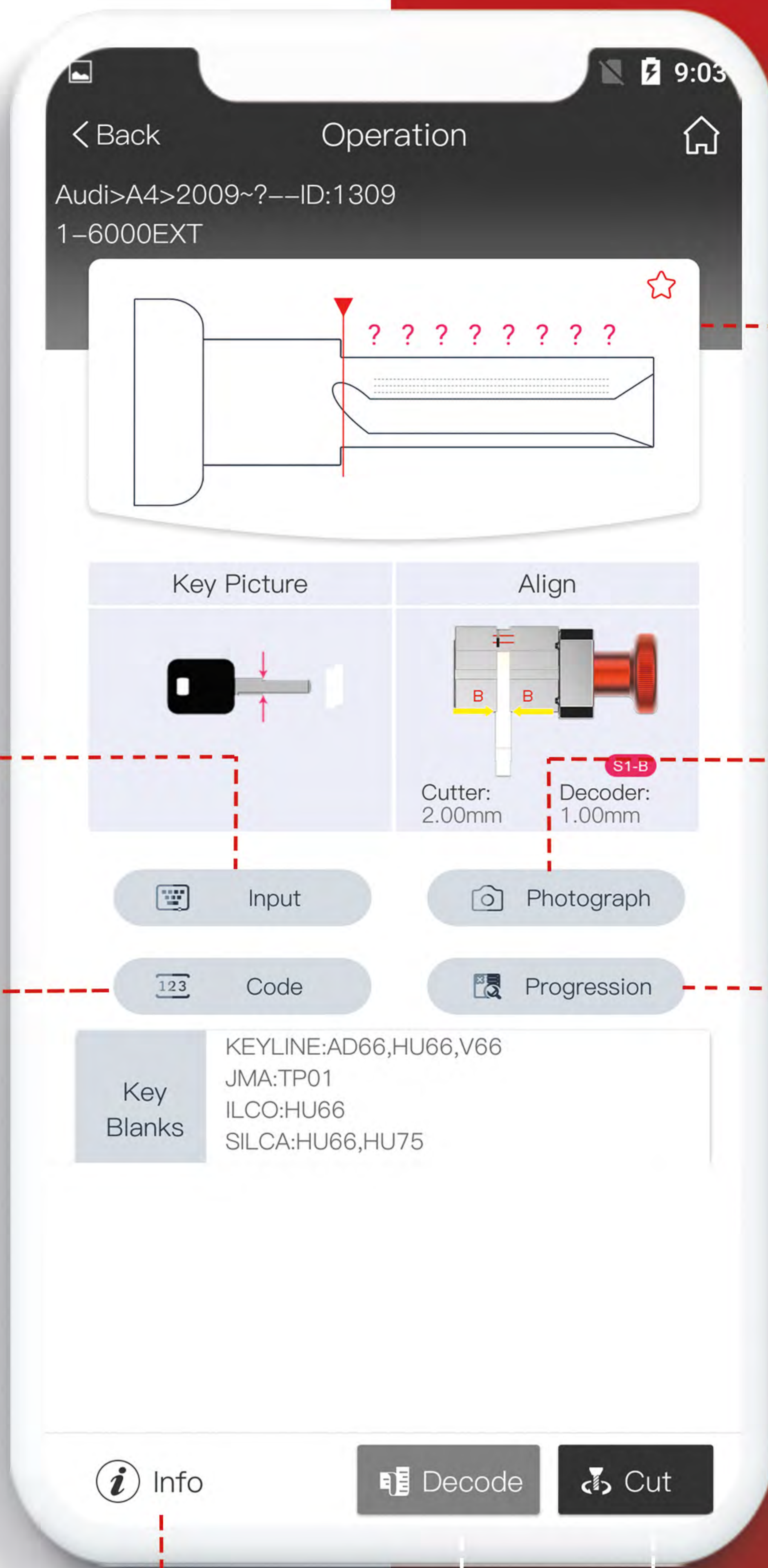
[Connect](#)

Go Bluetooth Setup Page

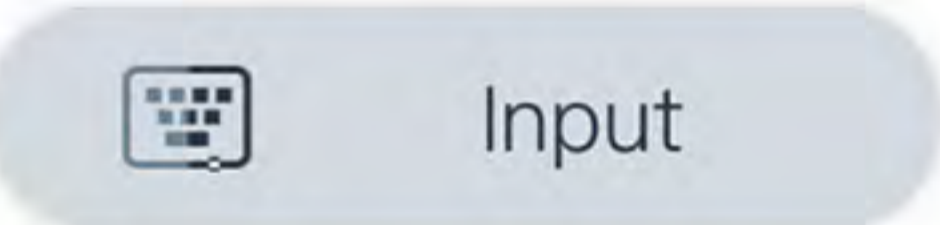
[Connect](#) Black Widow EW2007101

Black Widow EW2007101
Model & Serial Number

Standard Menu



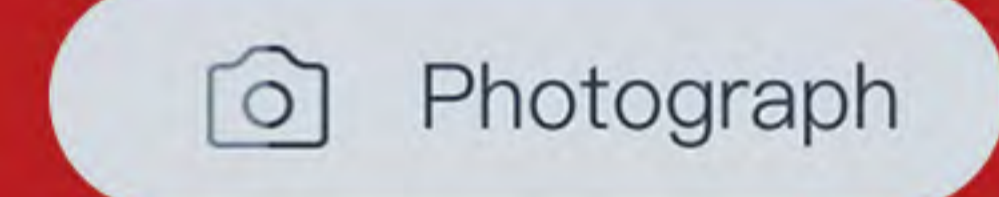
Add as a Favorite



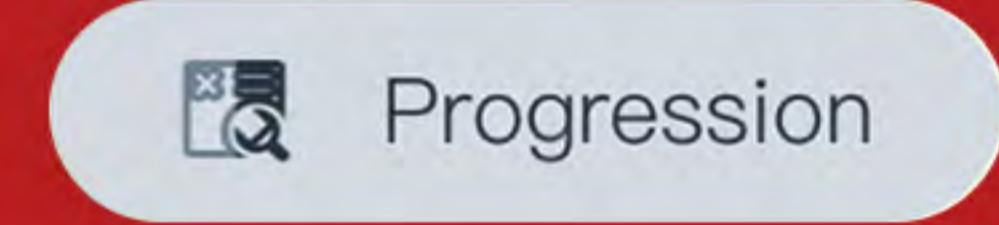
Input bitting numbers



Get bitting numbers by key code



Read bitting numbers by camera



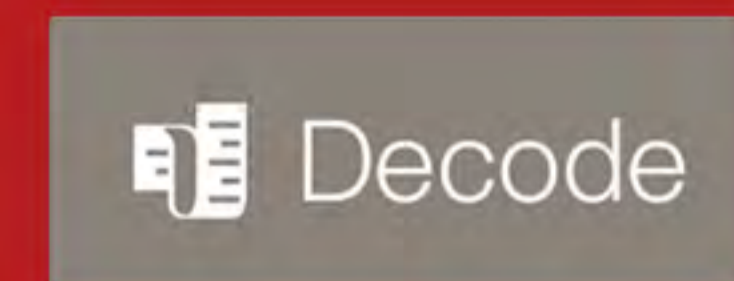
Input existing bitting numbers to get unknown bitting number



Show basic information

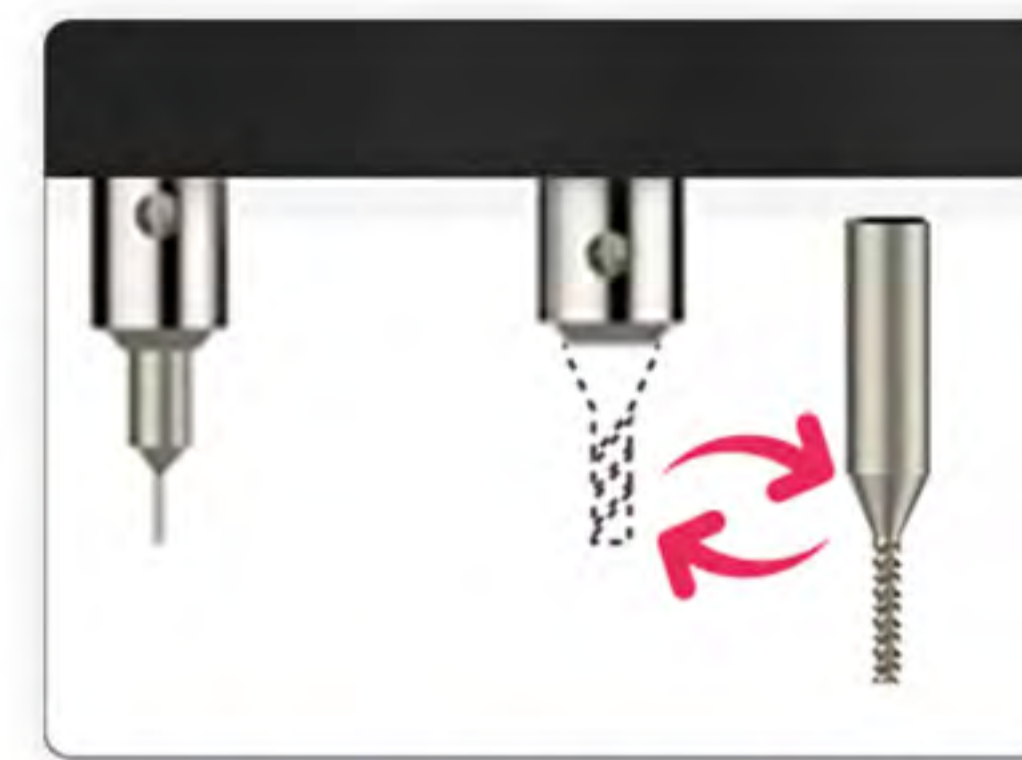
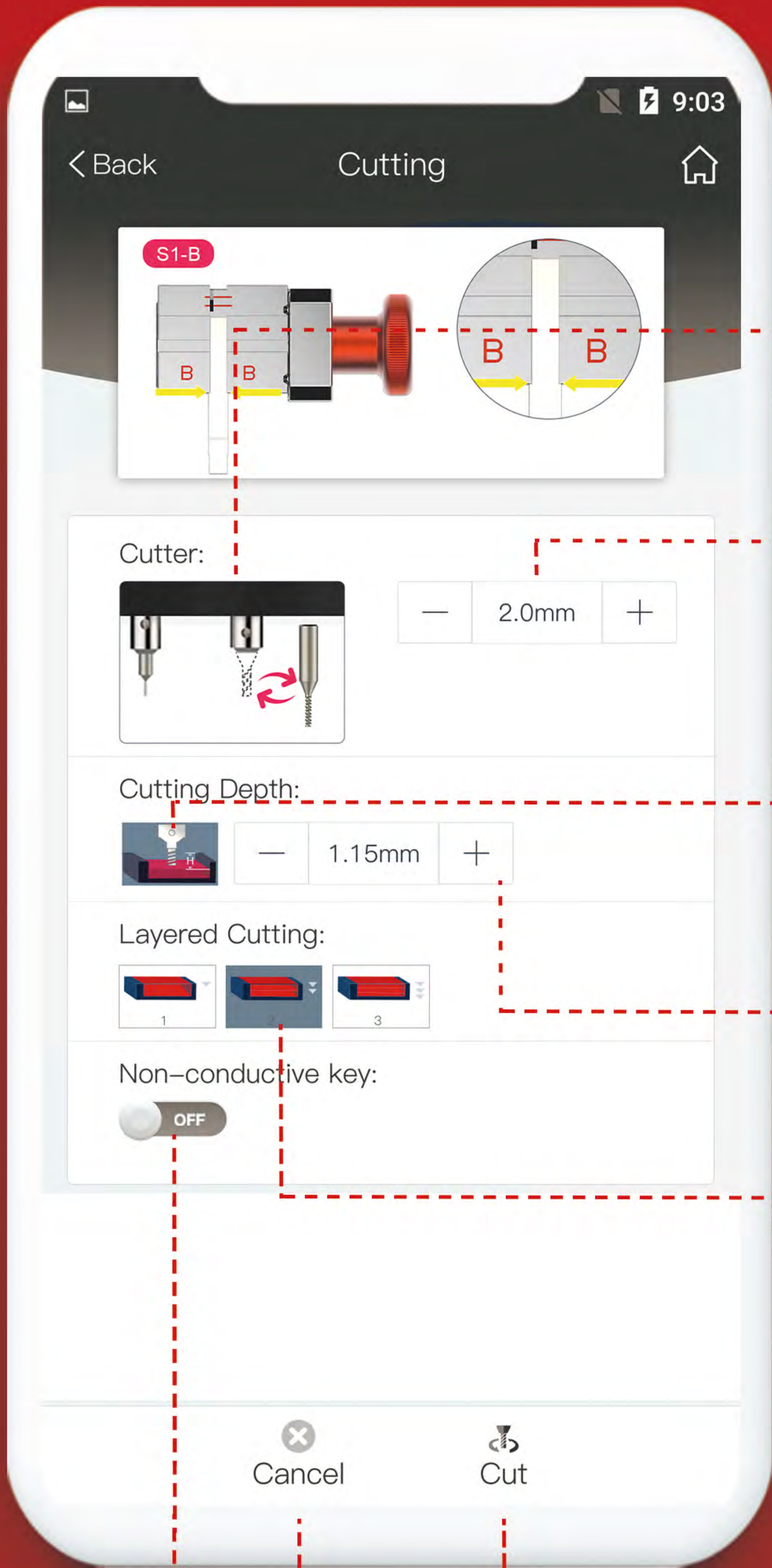


Cut key

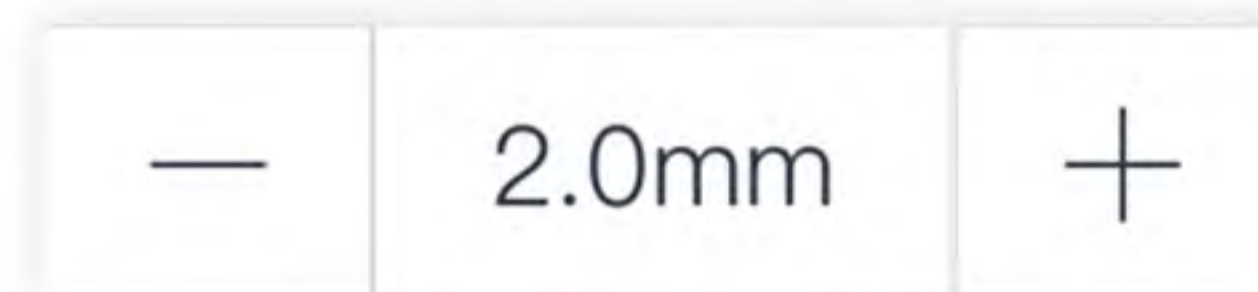


Decode key

Standard Menu



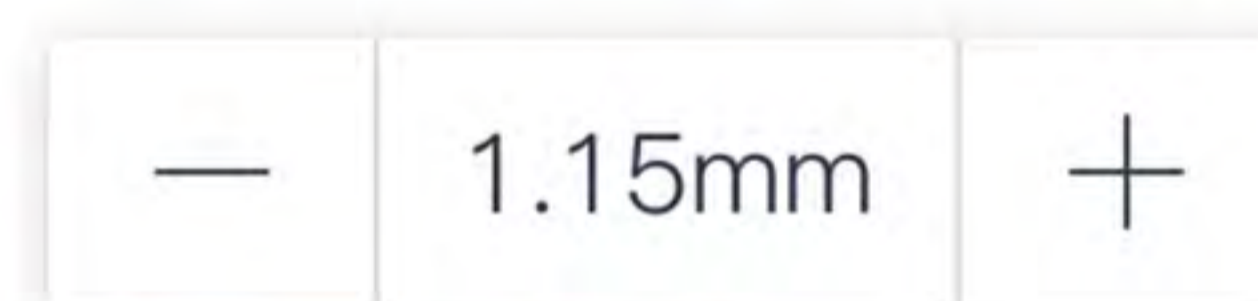
Please insert the cutter shown as picture.



You can adjust the cutter dimension within the range of 2.5mm, based on the actually used cutter.



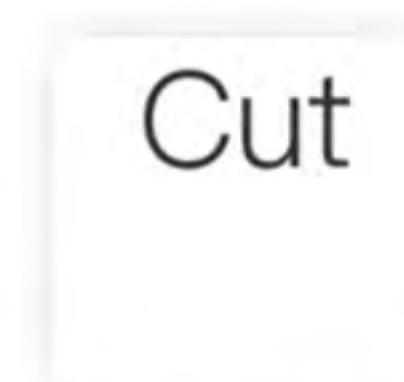
You can manually set the cutting depth when cutting laser keys.



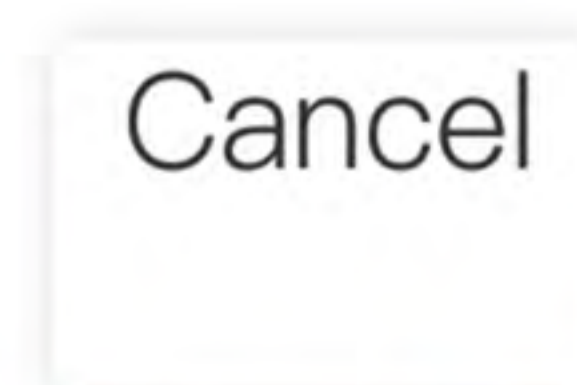
Cutting depth



When cutting laser keys, you can choose 1,2 or 3 times to finish the cutting depth. The harder the key blank is, the more passes will be needed.



Start to cut key

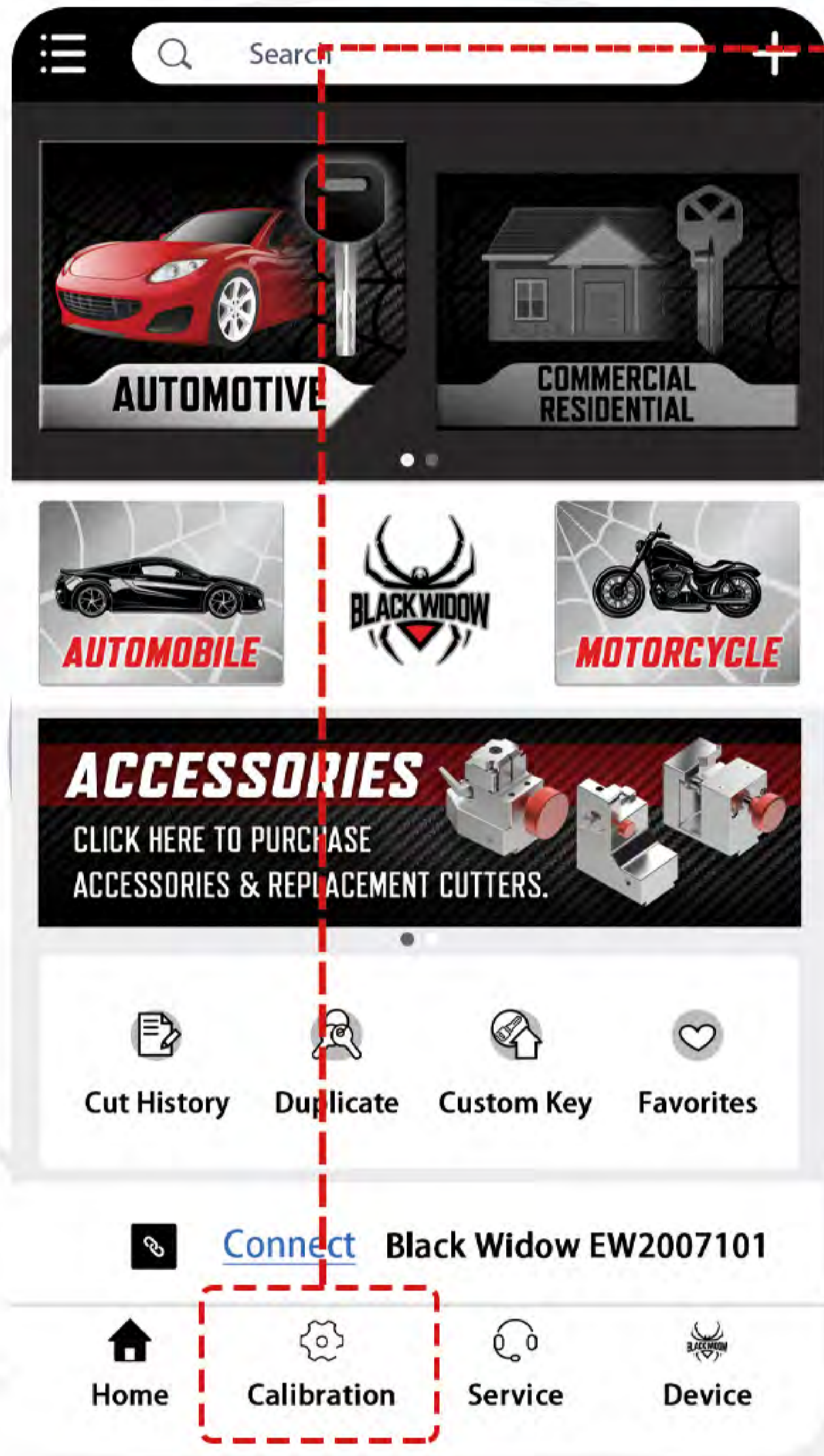


Cancel the operation

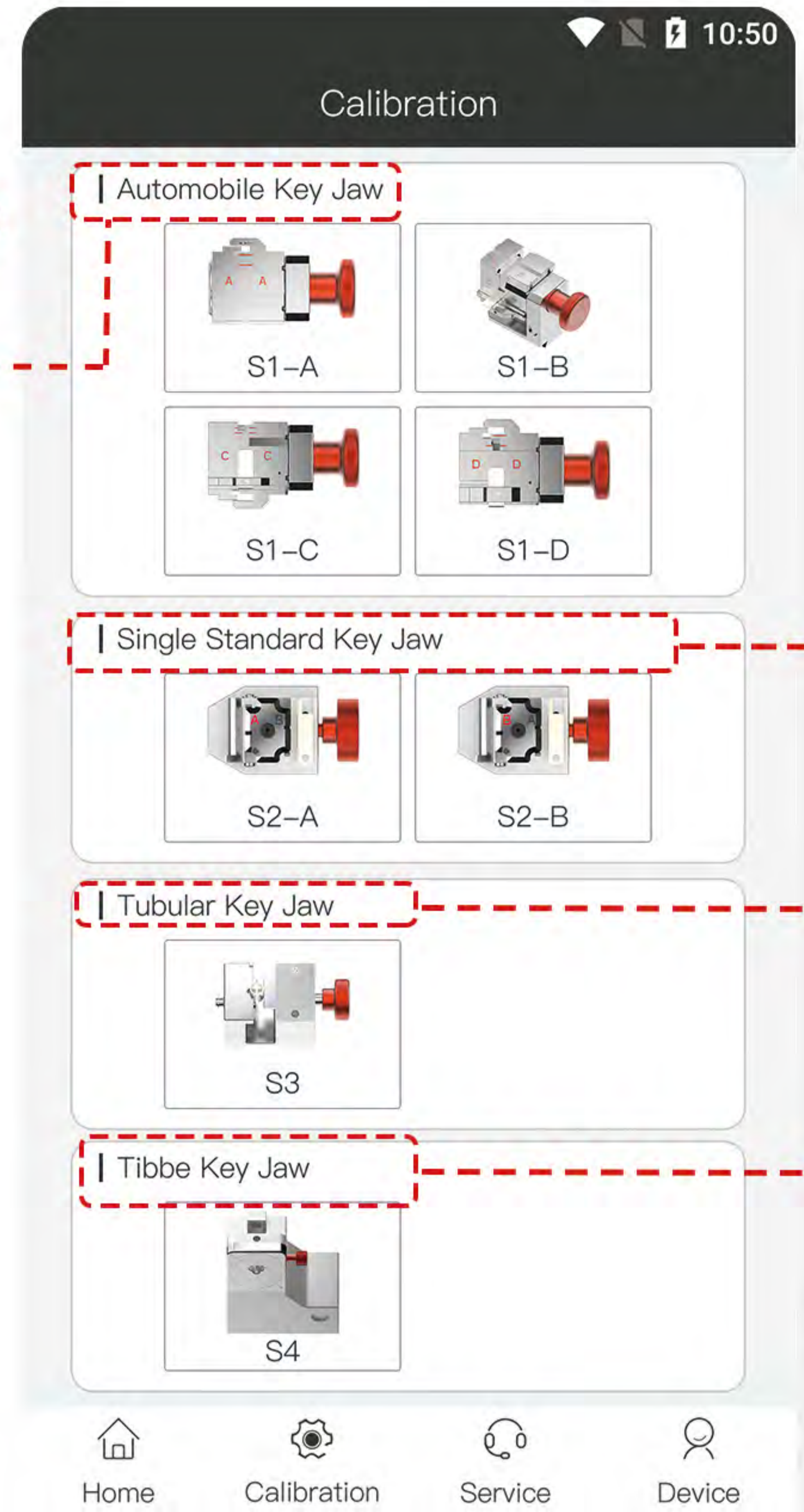
When cutting plastic or aluminum keys

Jaw Calibration

Automobile Key Jaw



Step 1
Choose Calibration



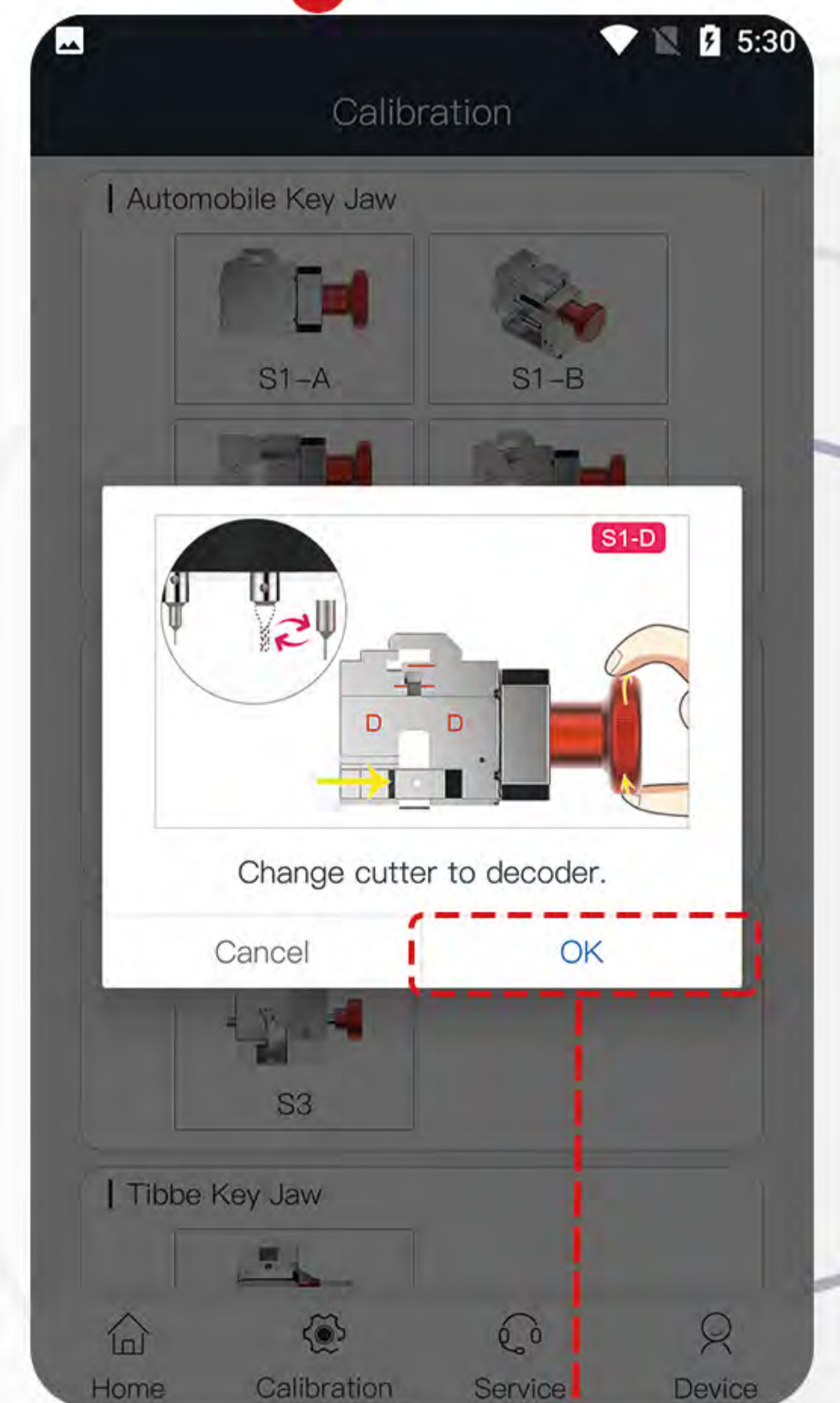
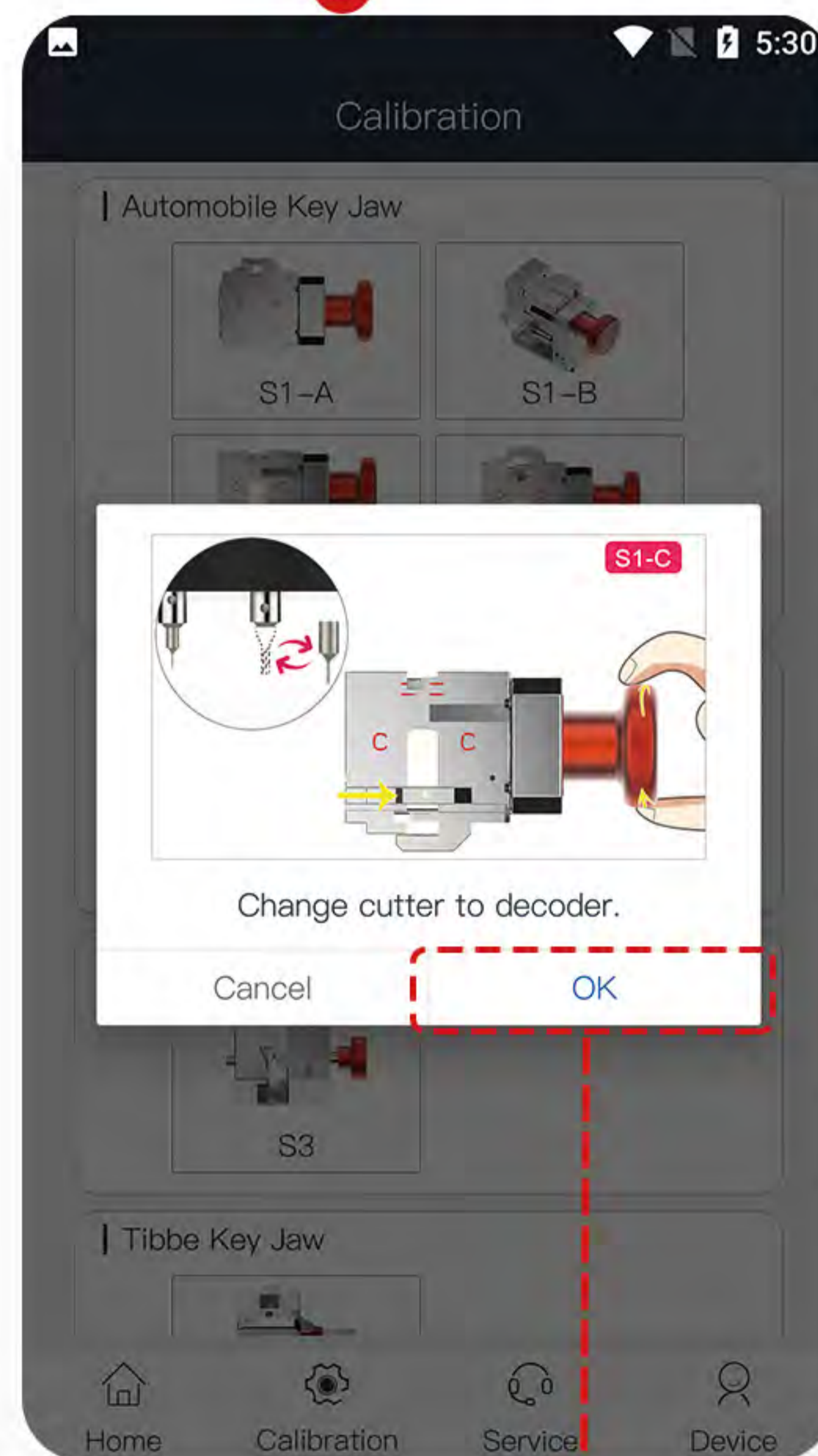
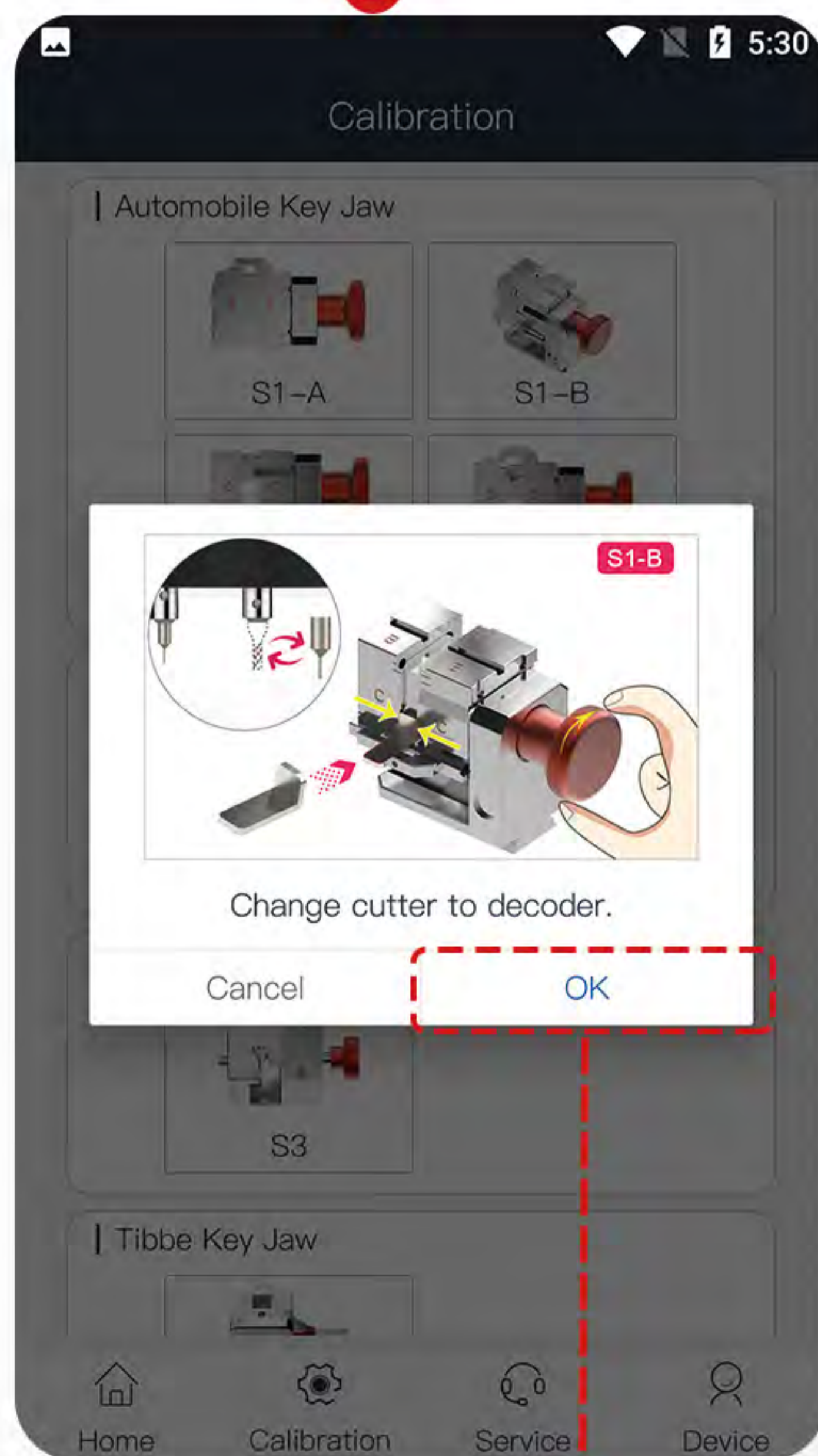
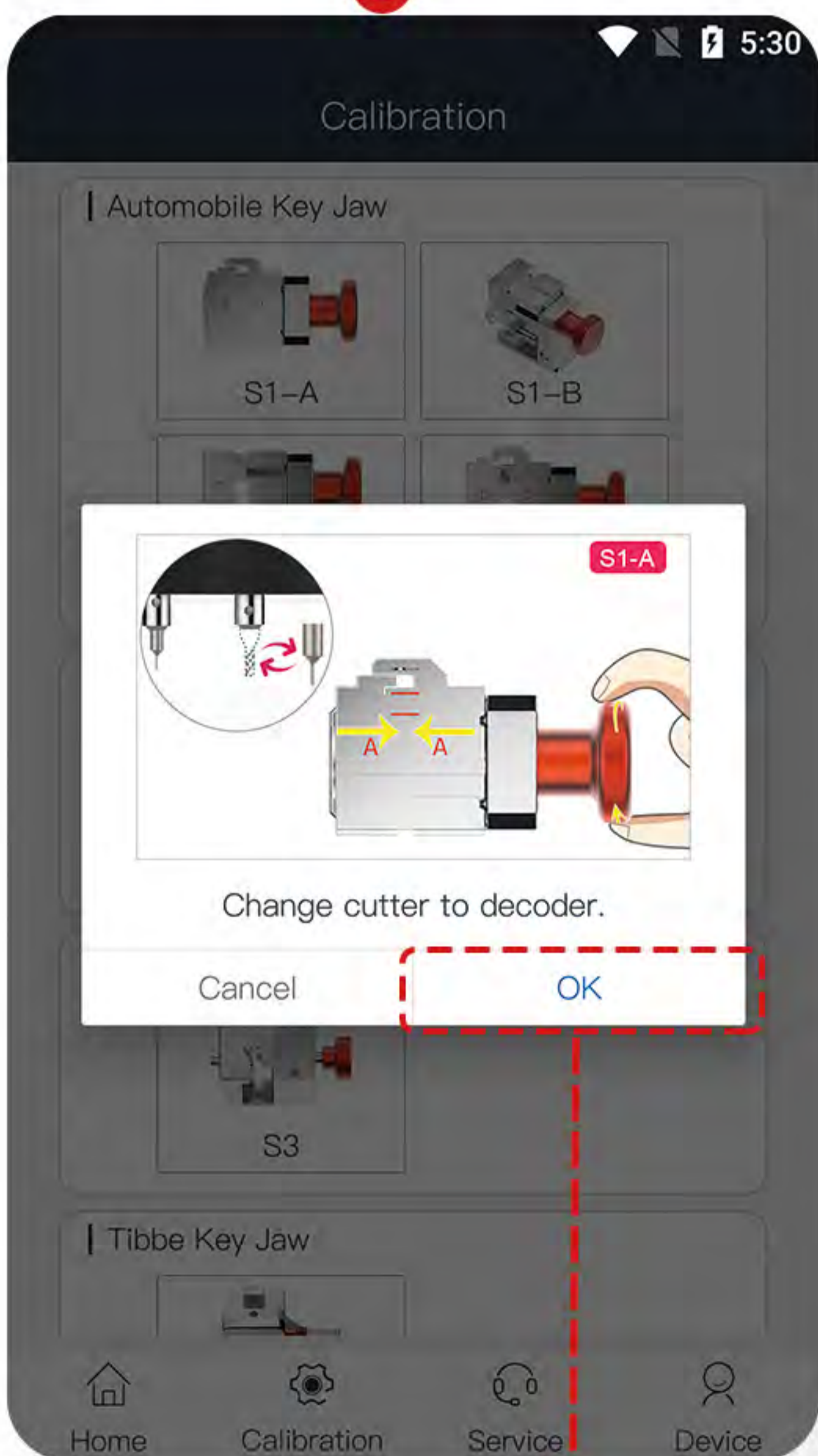
Step 2
Choose corresponding key jaw

(S1-A)

(S1-B)

(S1-C)

(S1-D)



Step 3
Change cutter to decoder, place the calibration block and fix jaw tightly, then click "OK" button as shown

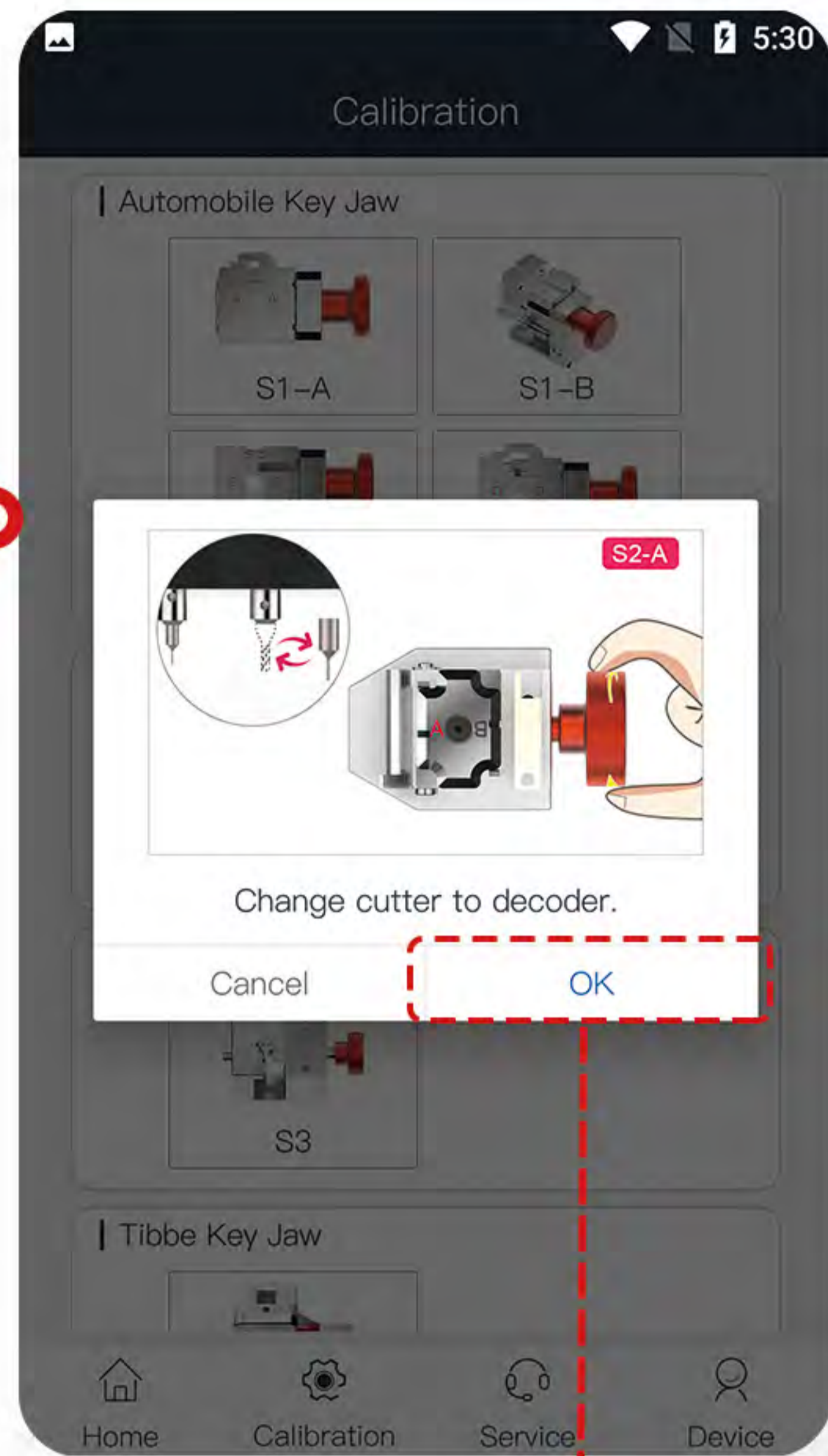
Step 3
Change cutter to decoder, place the calibration block and fix jaw tightly, then click "OK" button as shown

Step 3
Change cutter to decoder, place the calibration block and fix jaw tightly, then click "OK" button as shown

Step 3
Change cutter to decoder, place the calibration block and fix jaw tightly, then click "OK" button as shown

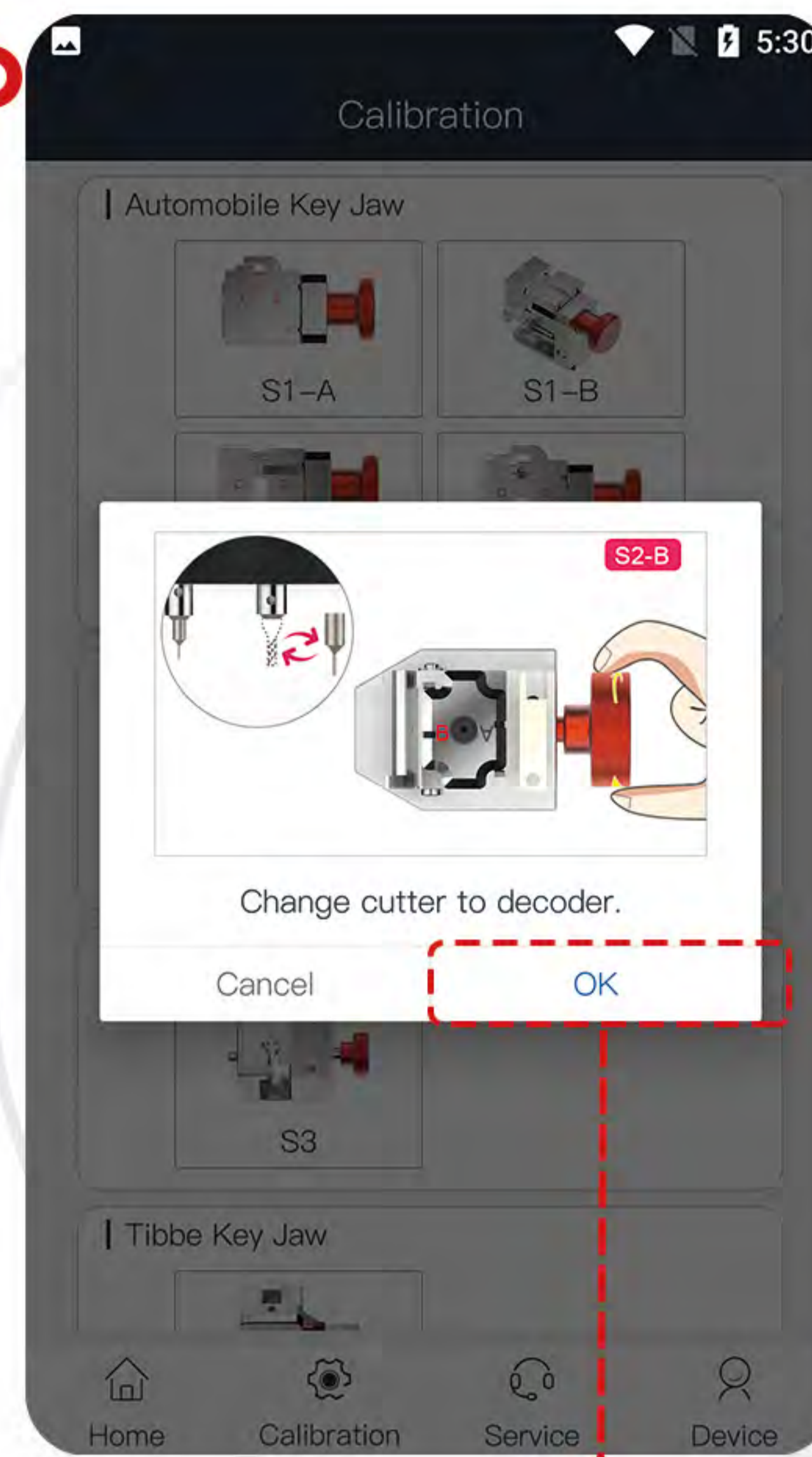
Jaw Calibration

(S2-A)



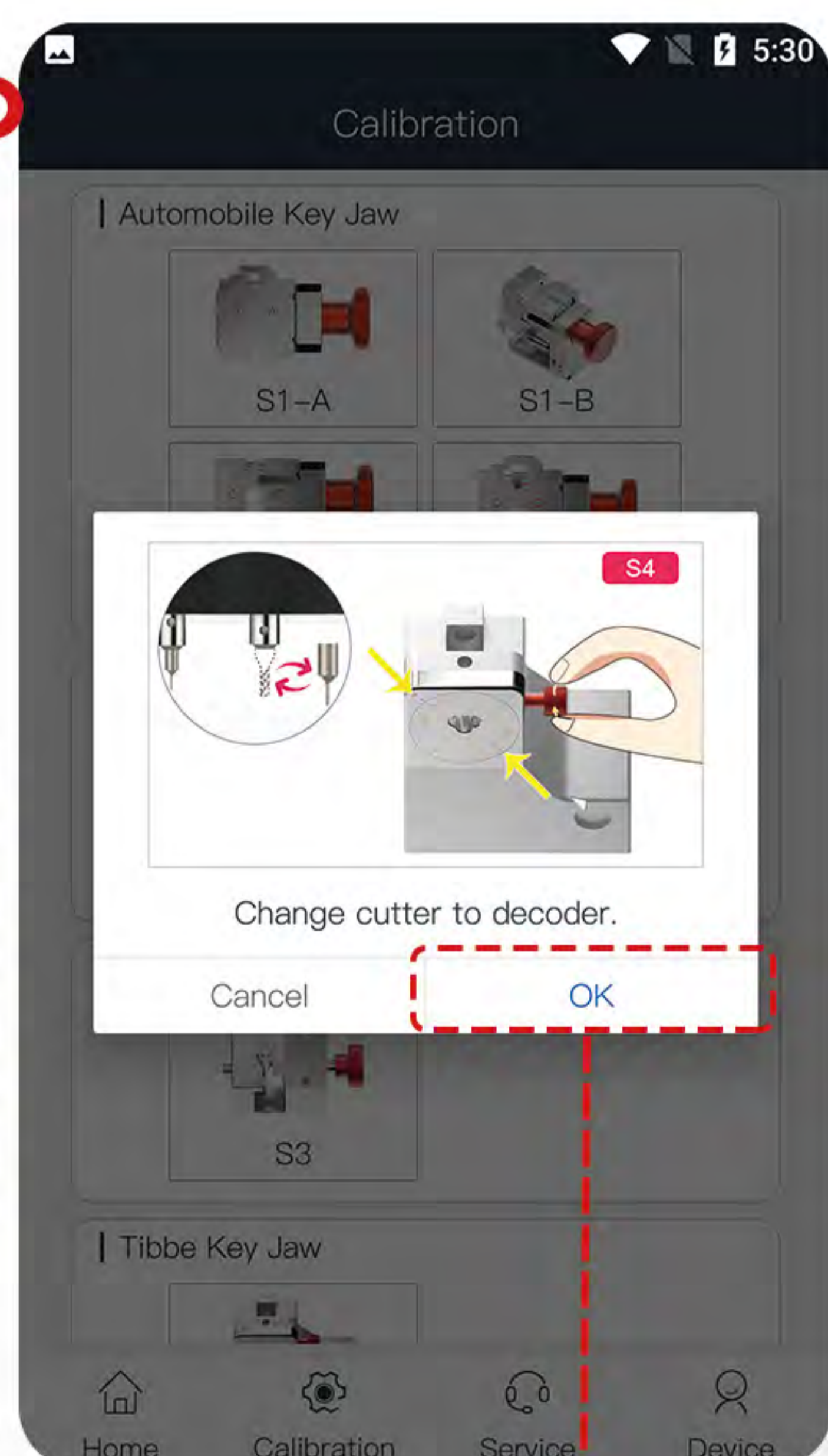
Step 3
Change cutter to decoder and fix jaw tightly, then click "OK" button as shown

(S2-B)



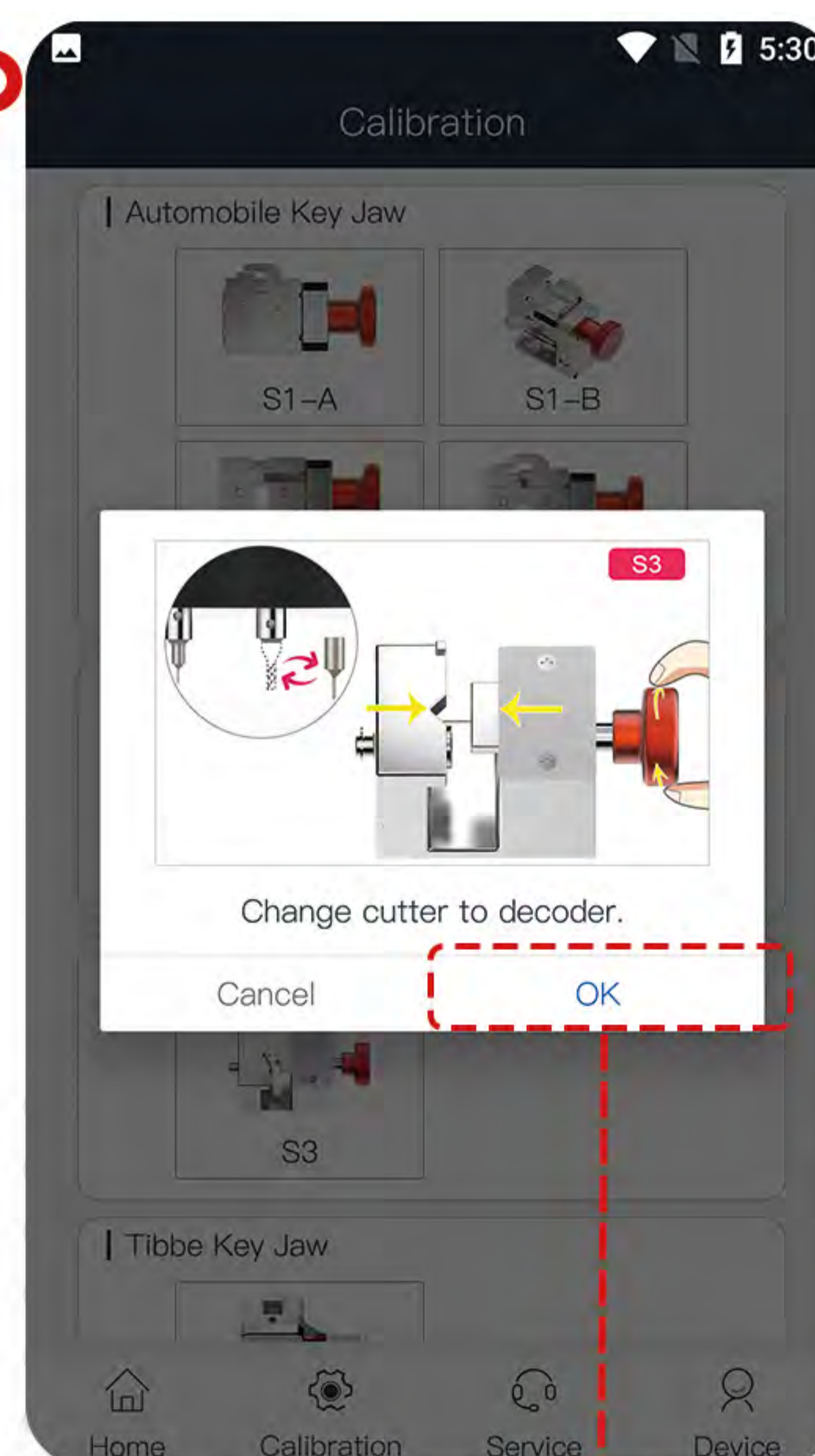
Step 3
Change cutter to decoder and fix jaw tightly, then click "OK" button as shown

(S4)



Step 3
Change cutter to decoder and fix jaw tightly, then click "OK" button as shown

(S3)



Step 3
Change cutter to decoder and fix jaw tightly, then click "OK" button as shown

Search

Example: Key Blank-HU66 / ID-909 (Volkswagen,Audi,Skoda)

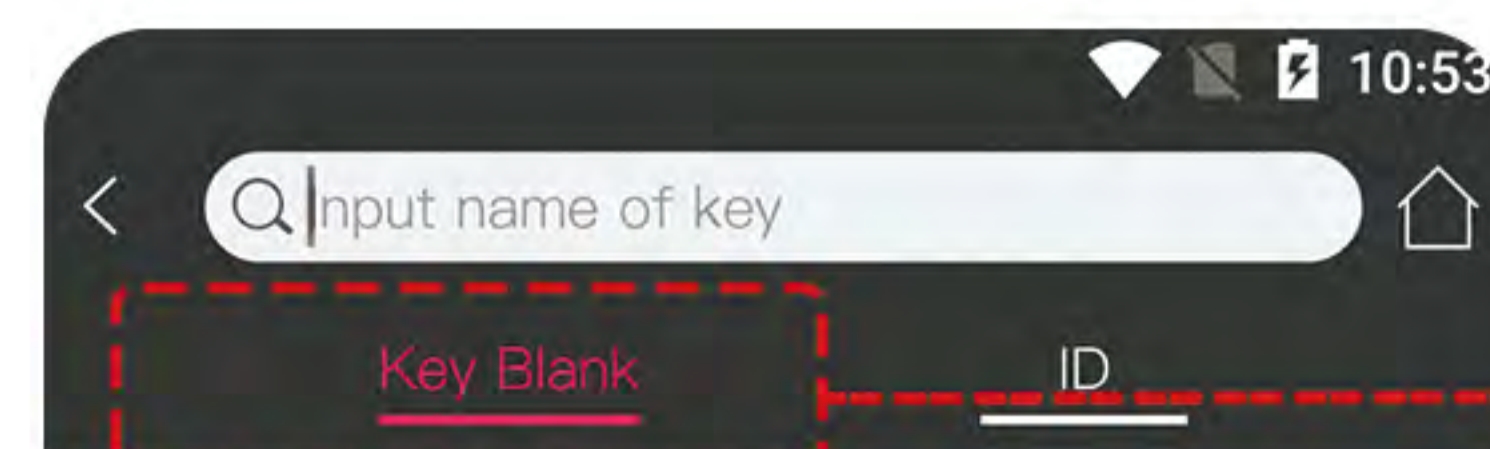
You can search key data by key blank / ID

⚠ However you have to be familiar with car key blank for using this function



Step 1

Click  button

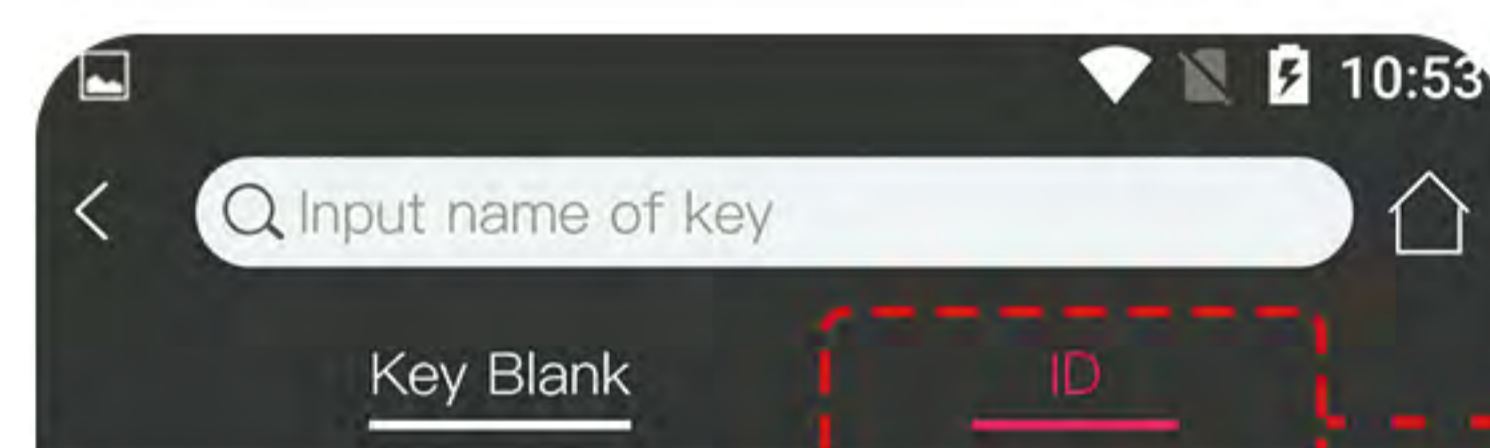


Key Blank



Step 2

Click "Key Blank" button, then input the key blank number



ID



Step 2

Click "ID" button, then input the Card #

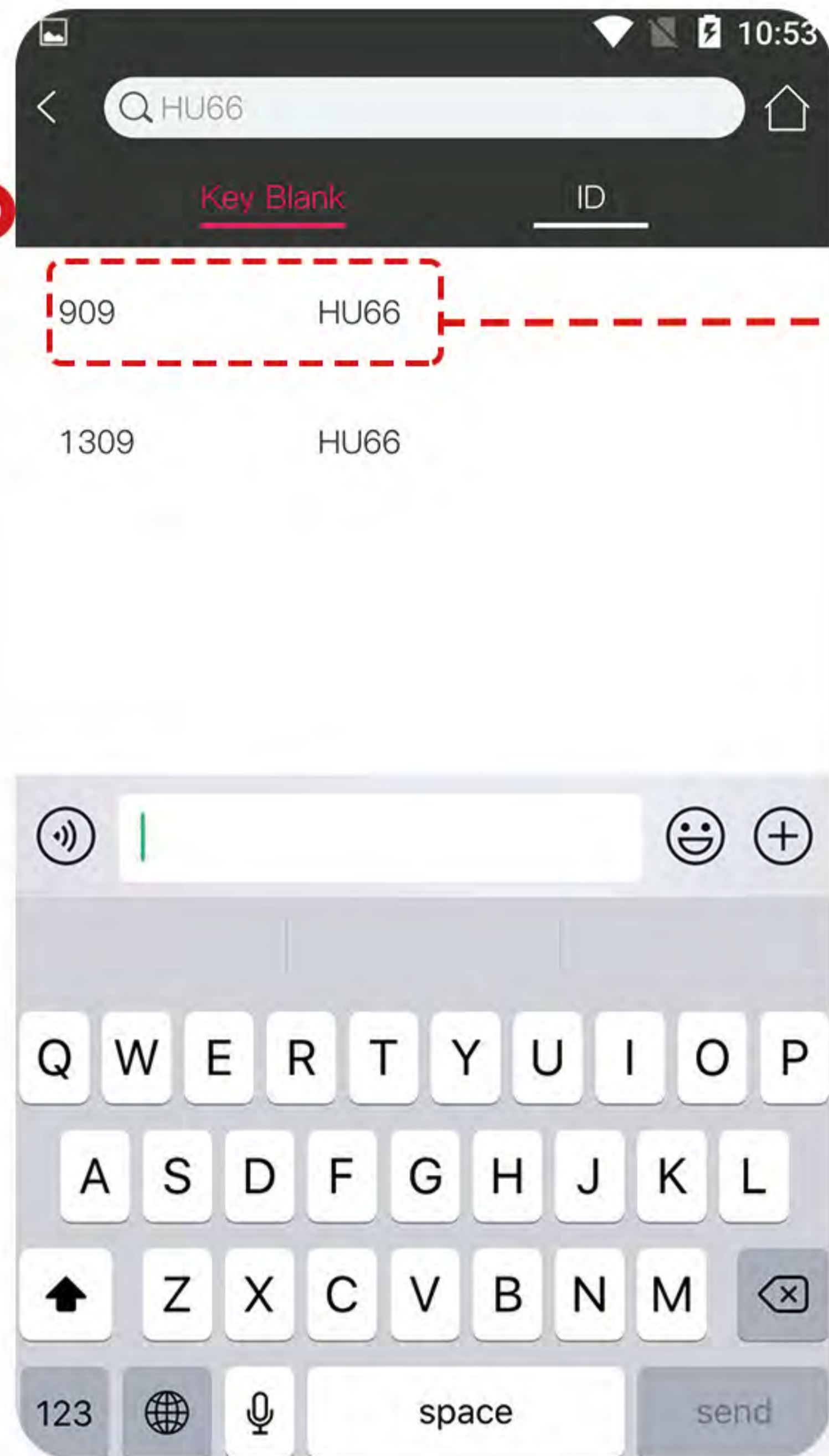
Search



Example: Key Blank-HU66 / ID-909 (Volkswagen,Audi,Skoda)

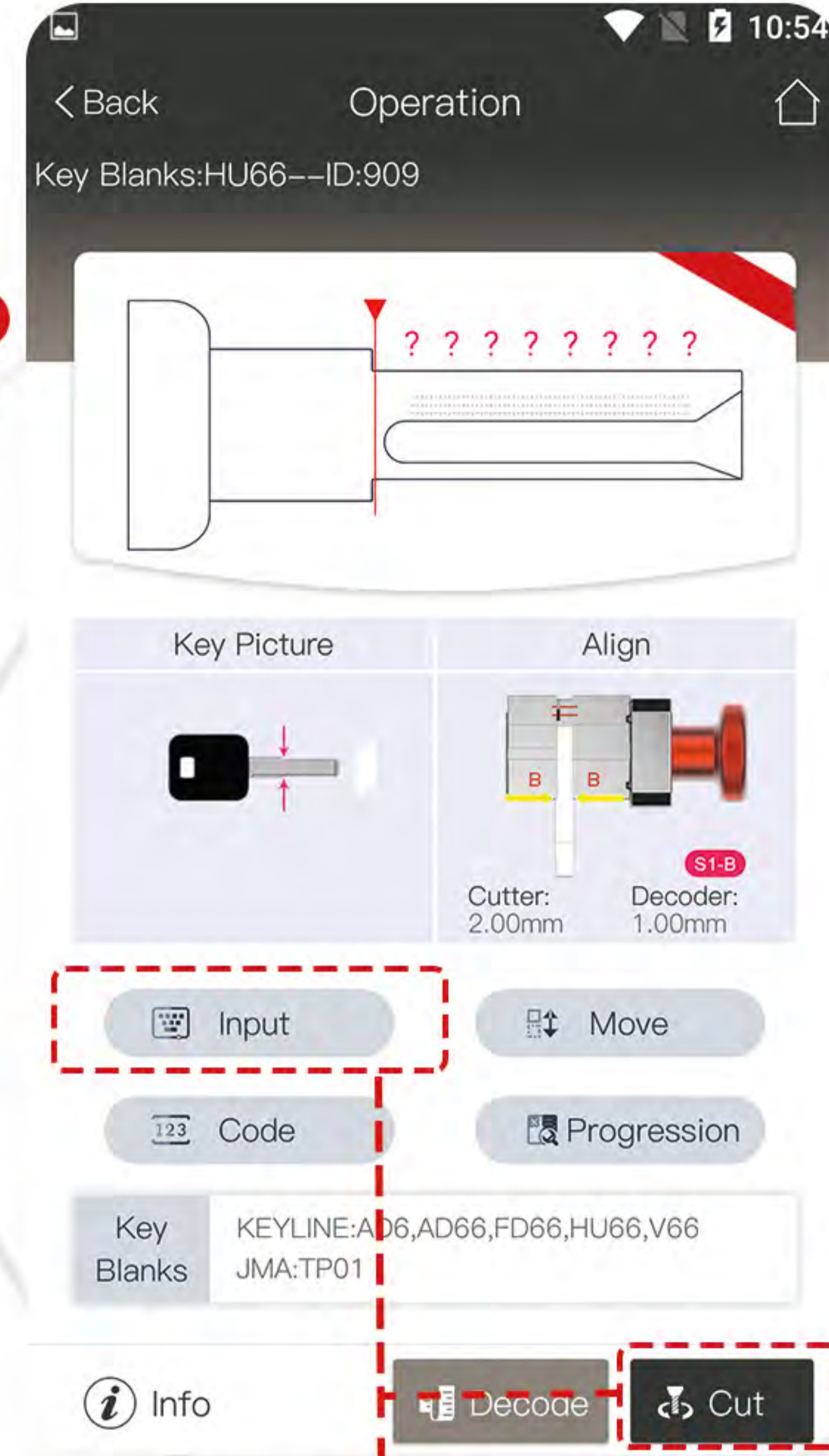
You can search key data by key blank / card #

⚠ However you have to be familiar with car key blank for using this function



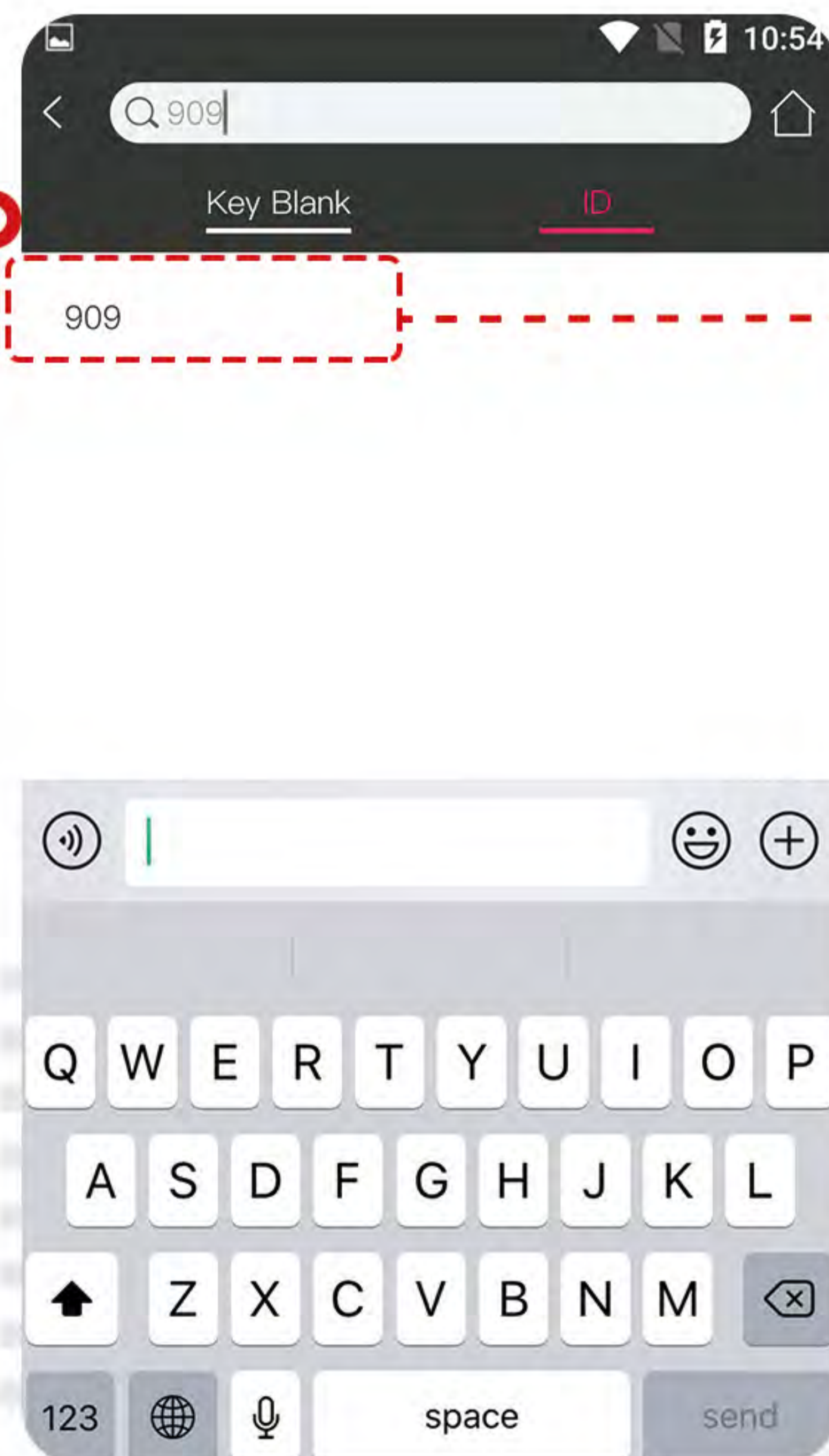
Step 3

Choose the corresponding key blank manufacturer



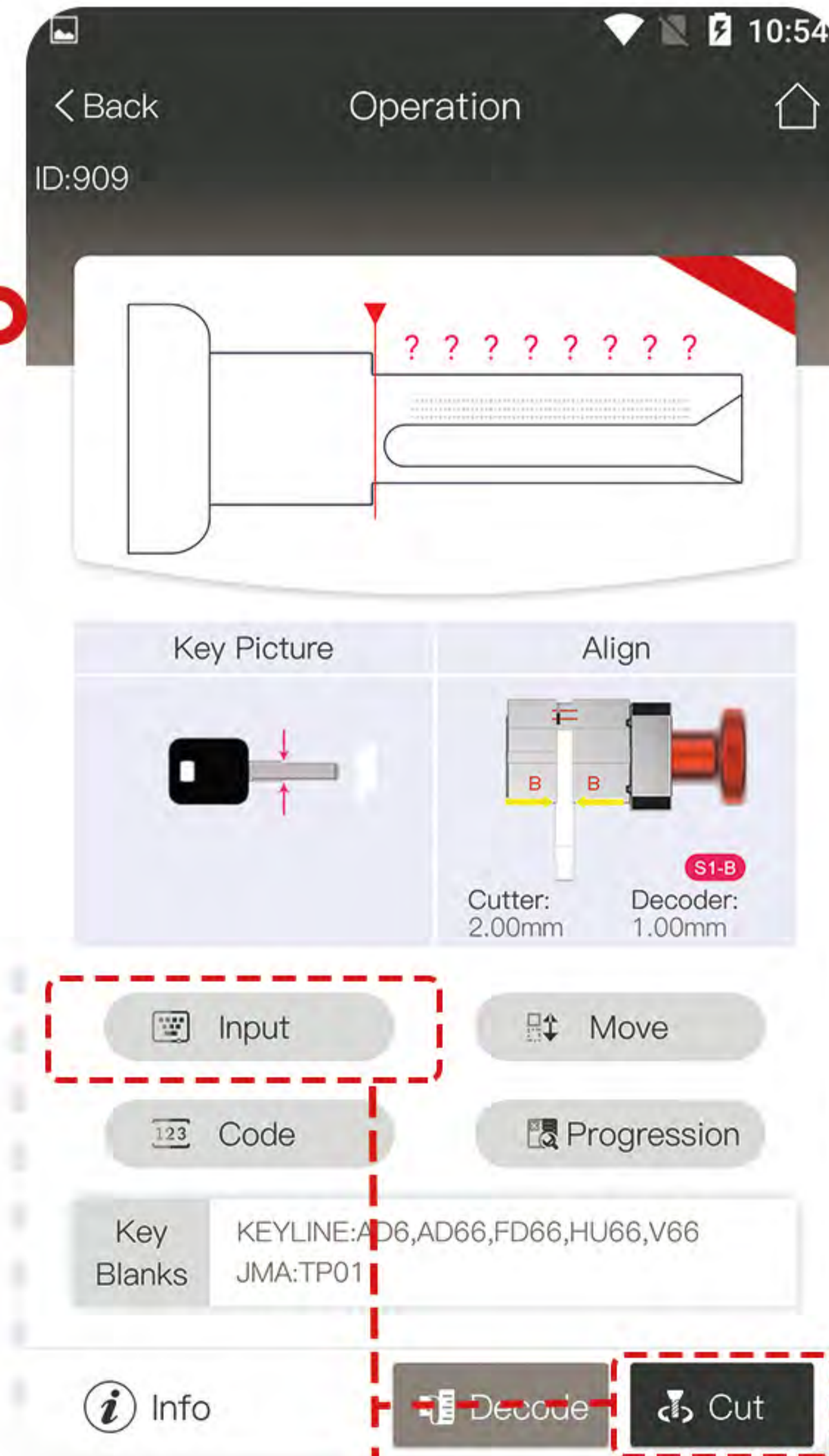
Step 4

Input the bitting numbers and click "OK" button then "Cut" button



Step 3

Choose the corresponding Card #

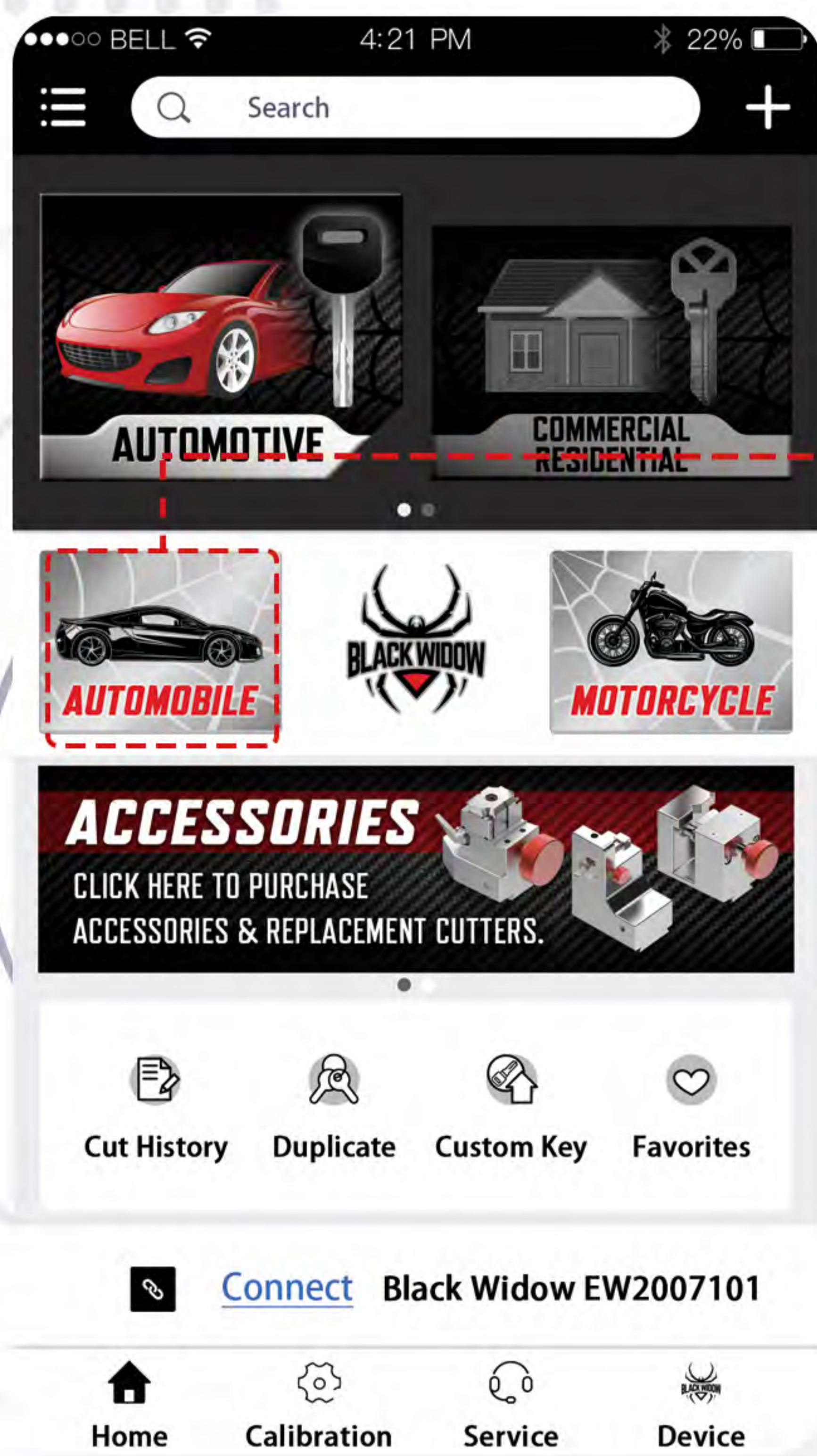


Step 4

Input the bitting numbers and click "OK" button then "Cut" button

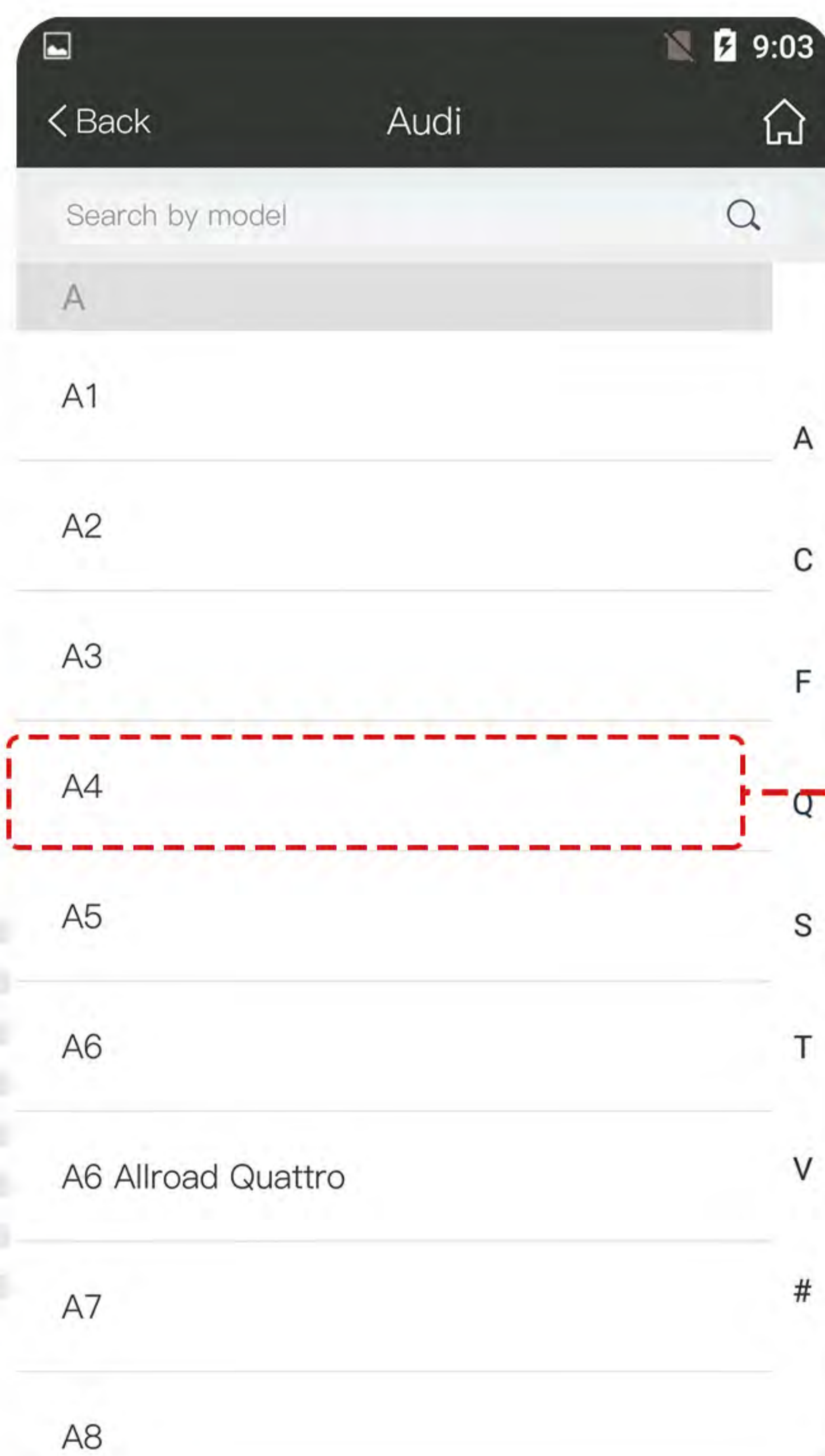
Key Decoding

Example: Audi-A4-2009-0--ID: 1309



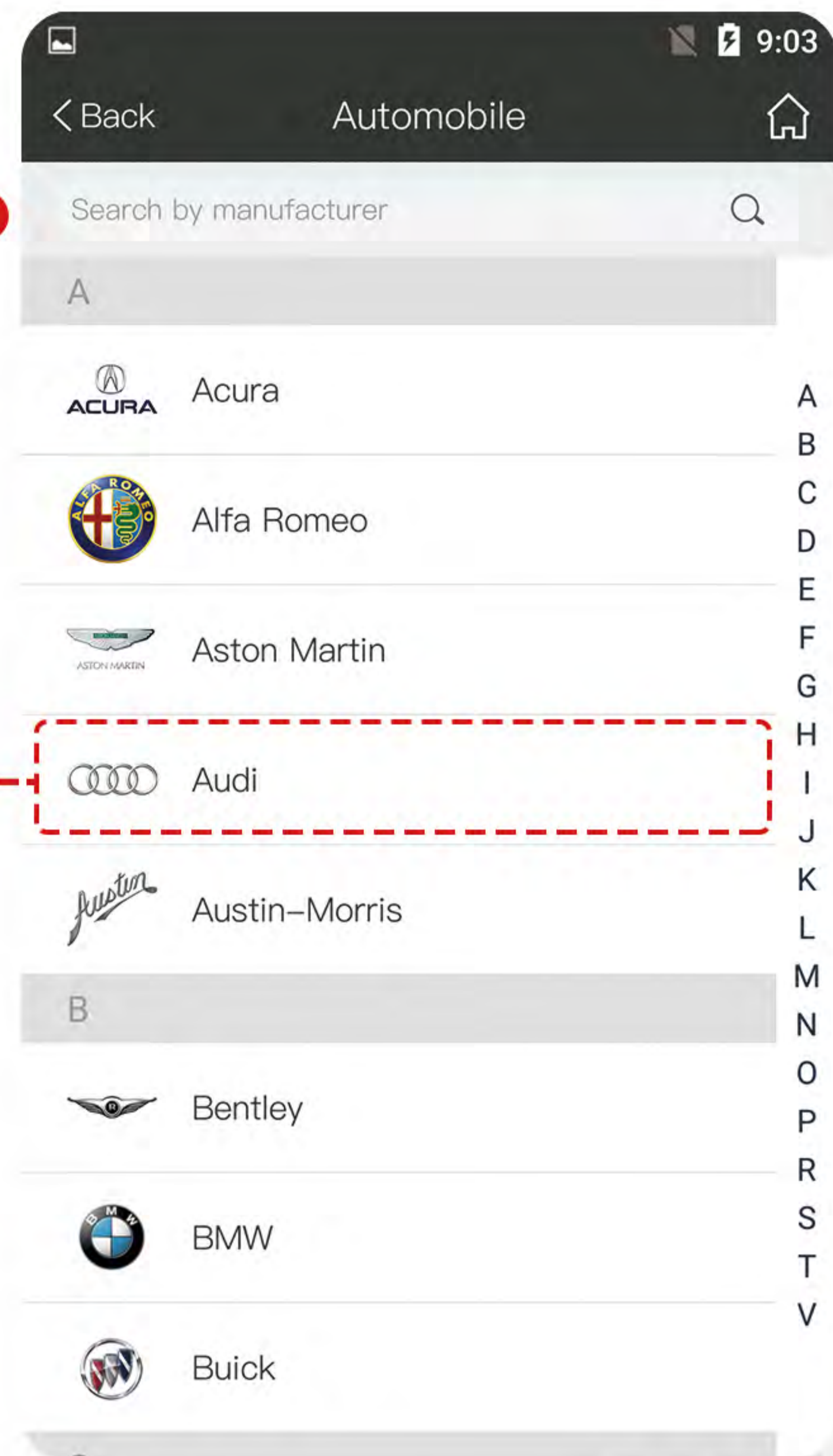
Step 1

Click  button in Home Page



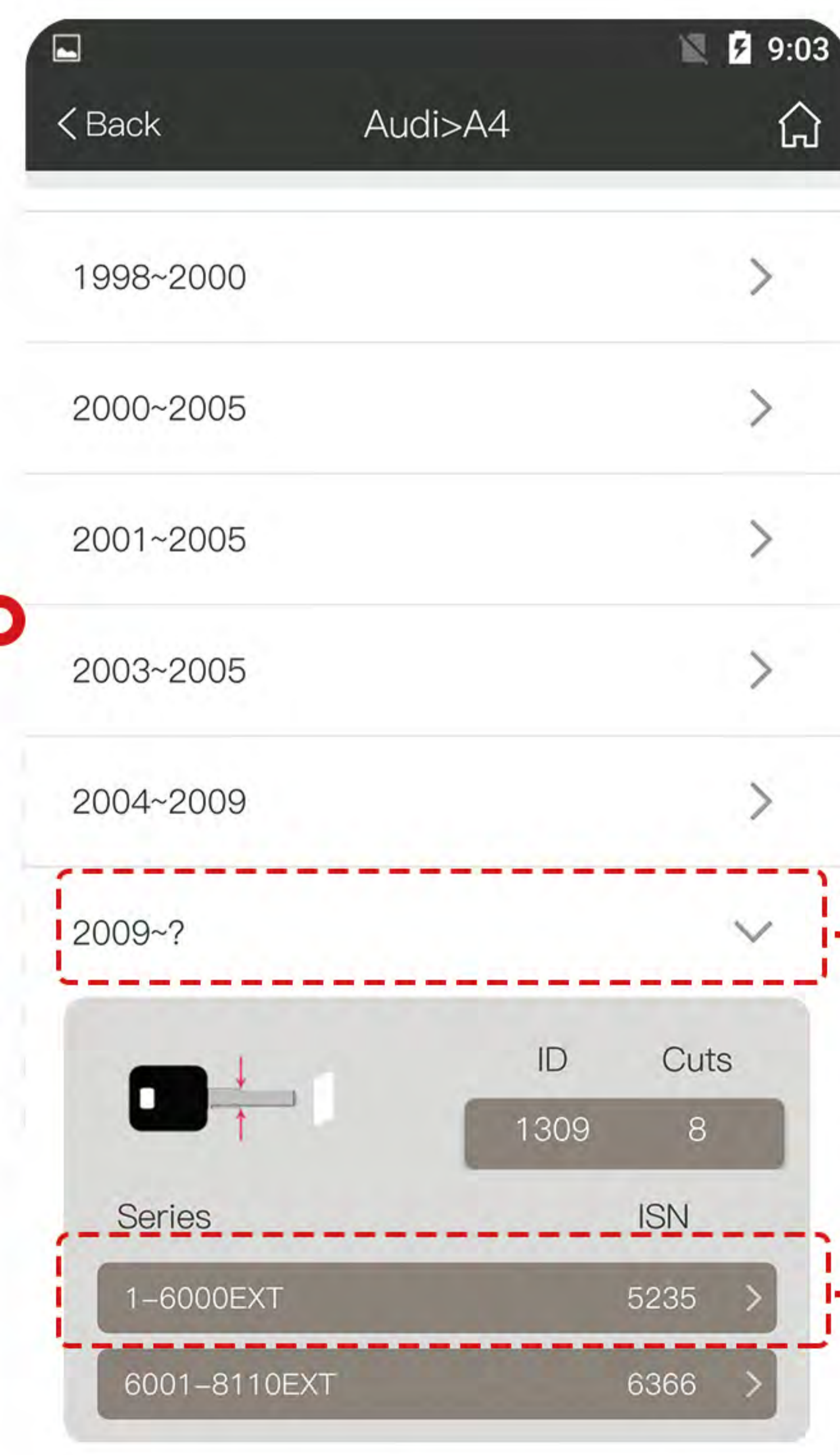
Step 3

Choose "A4" in the list



Step 2

Choose "Audi" in the list

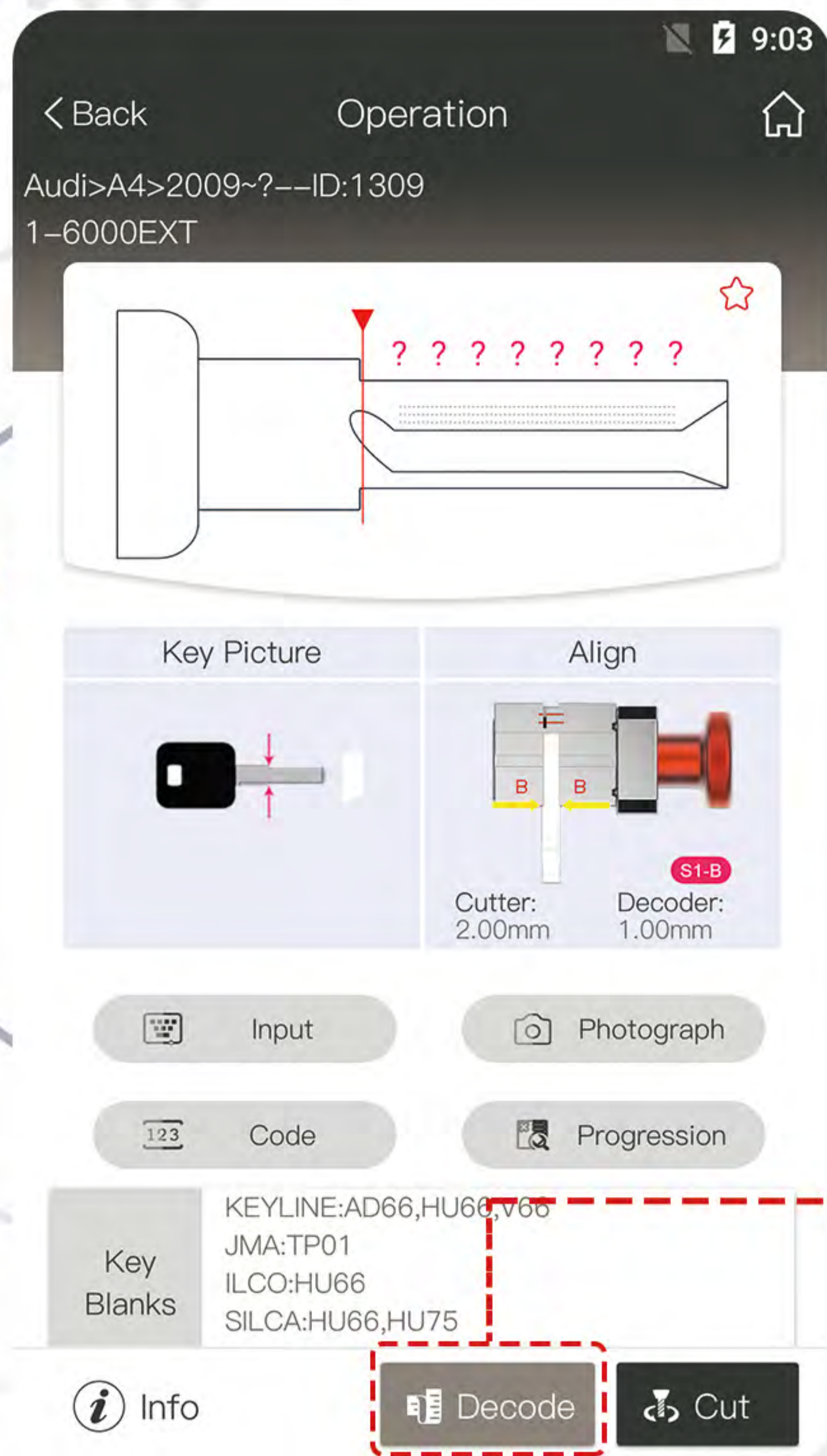


Step 4

Choose the year of manufacturing

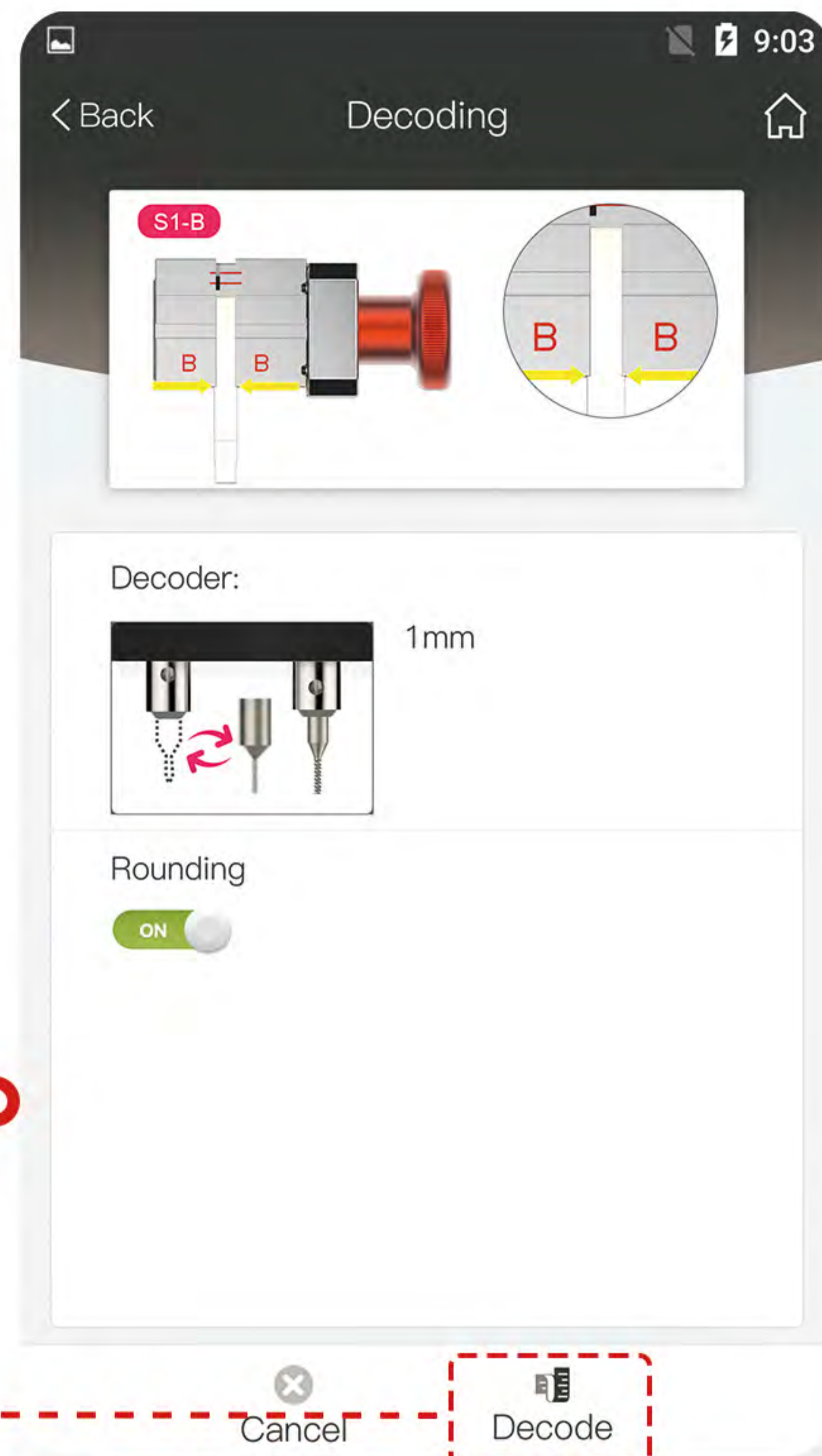
Key Decoding

Example: Audi-A4-2009-0--ID: 1309



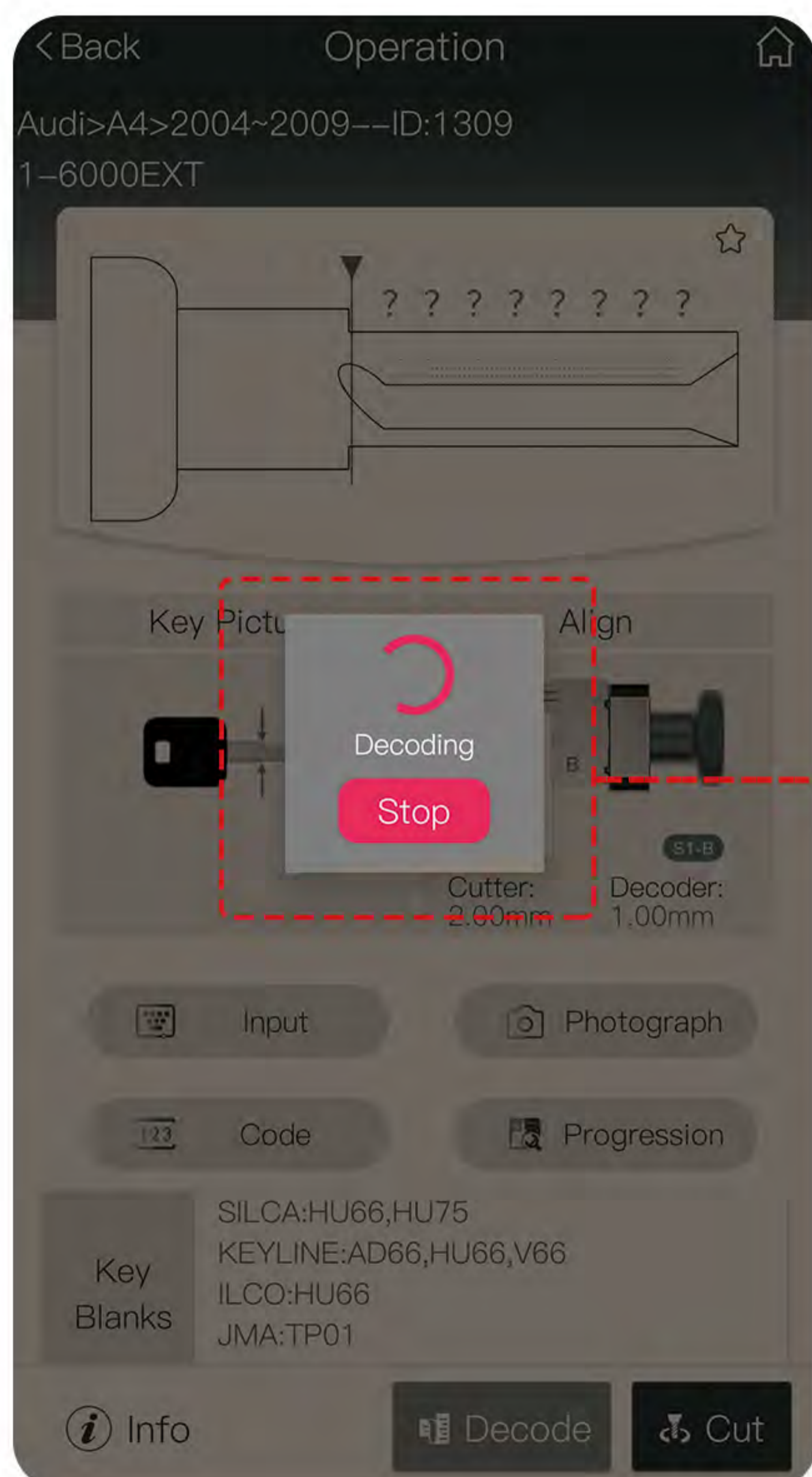
Step 5

Click **Decode** button



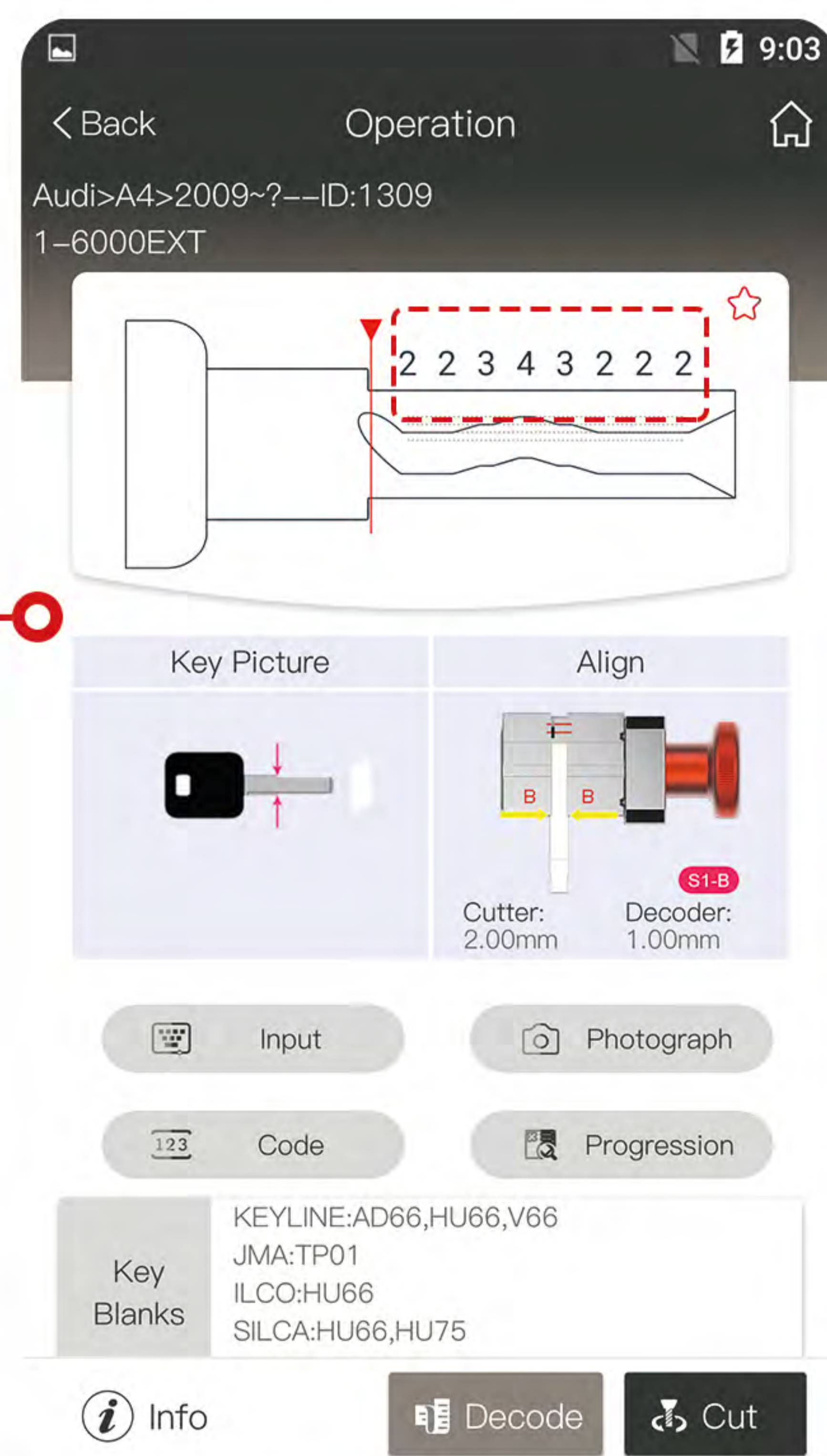
Step 6

1. Confirm key's position
2. Place the decoder shown as picture
3. Click "Decode" button



Step 7

Decoding, wait a moment



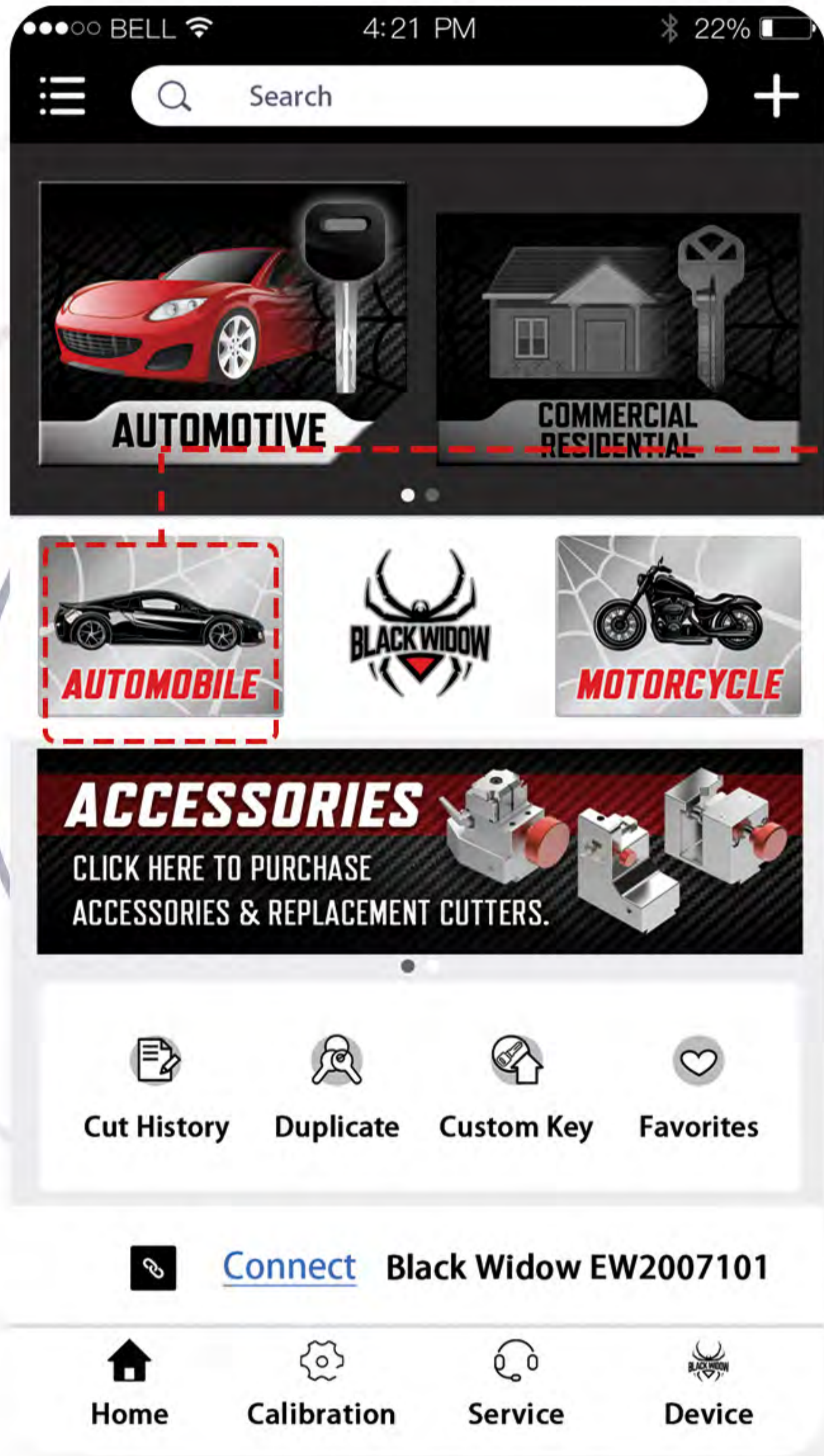
Step 8

Decoding is done


Key Cutting

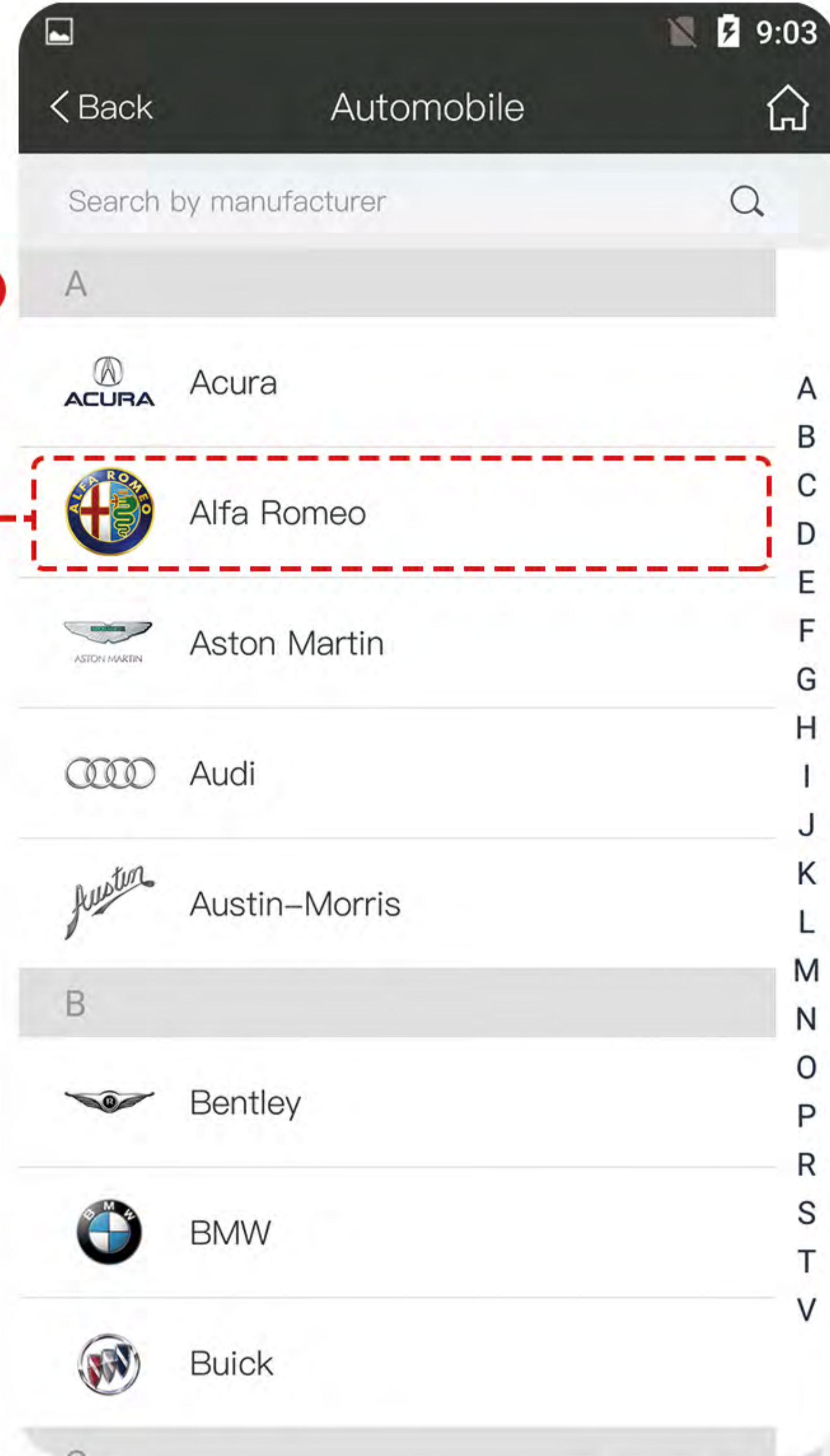
Example: Audi-Q7-2006~0--ID: 909

 Input known biting numbers to cut a key when the original key is lost



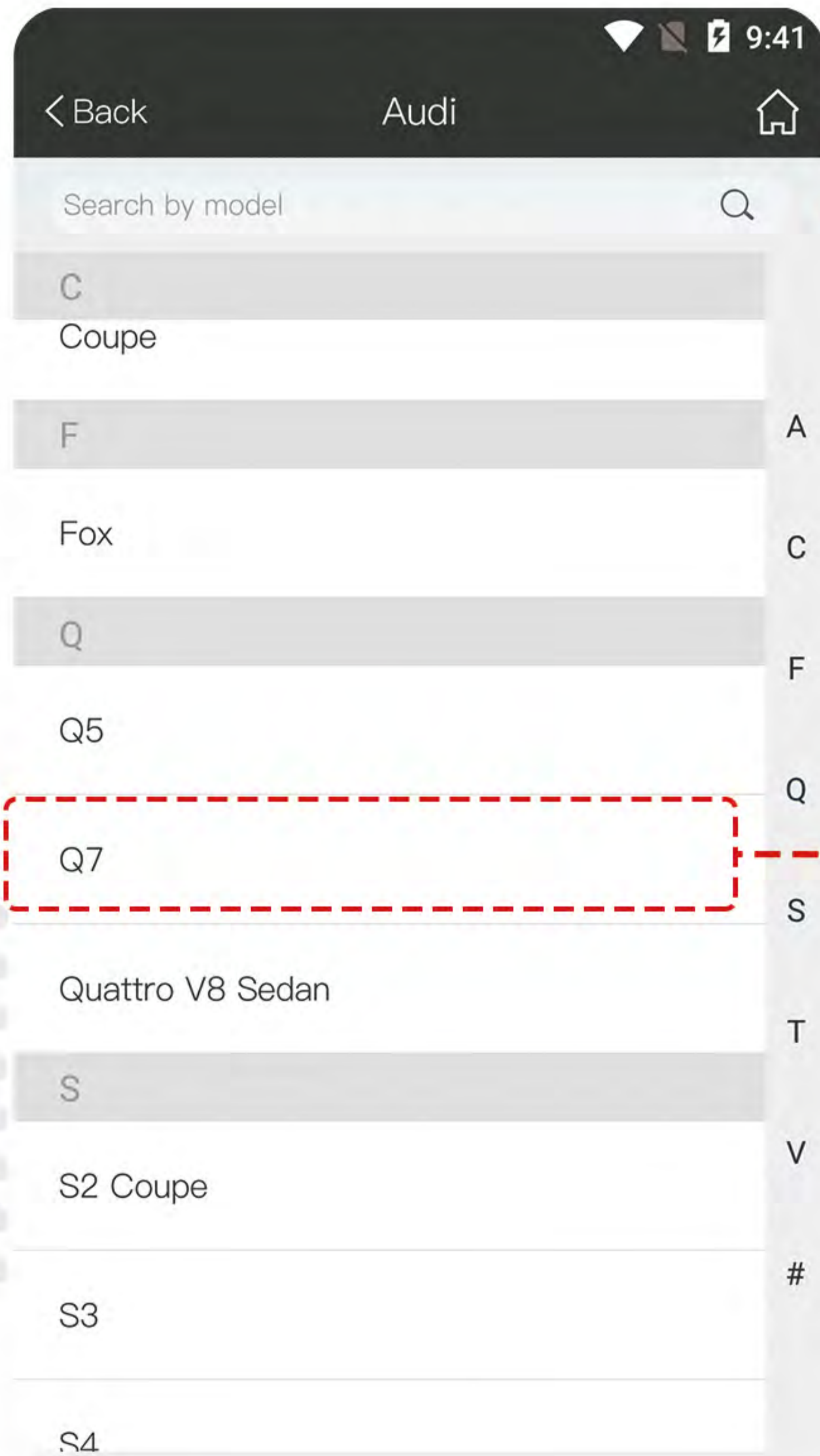
Step 1

Click  button in Home Page



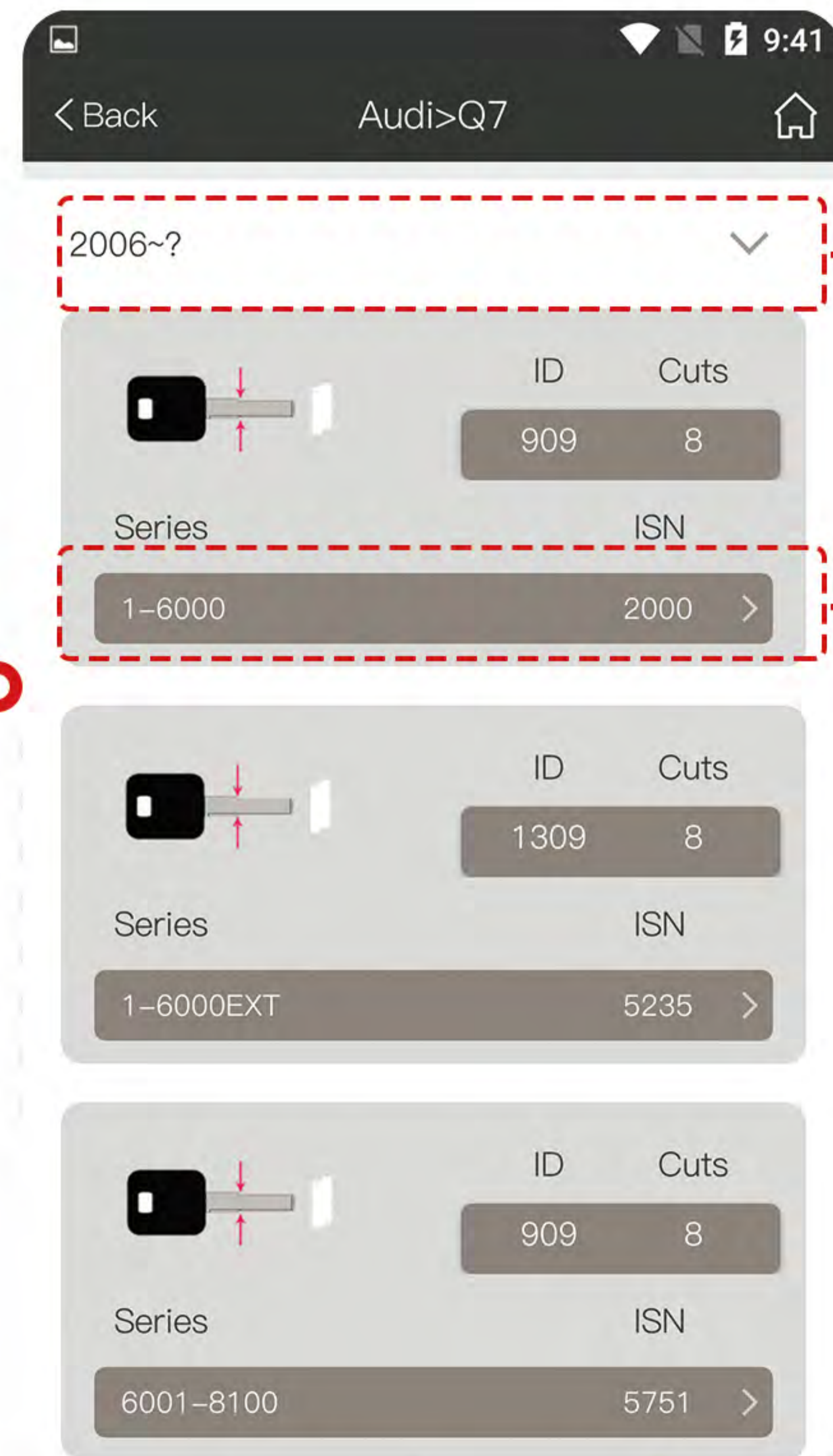
Step 2

Choose "Audi" in the list



Step 3

Choose "Q7" in the list



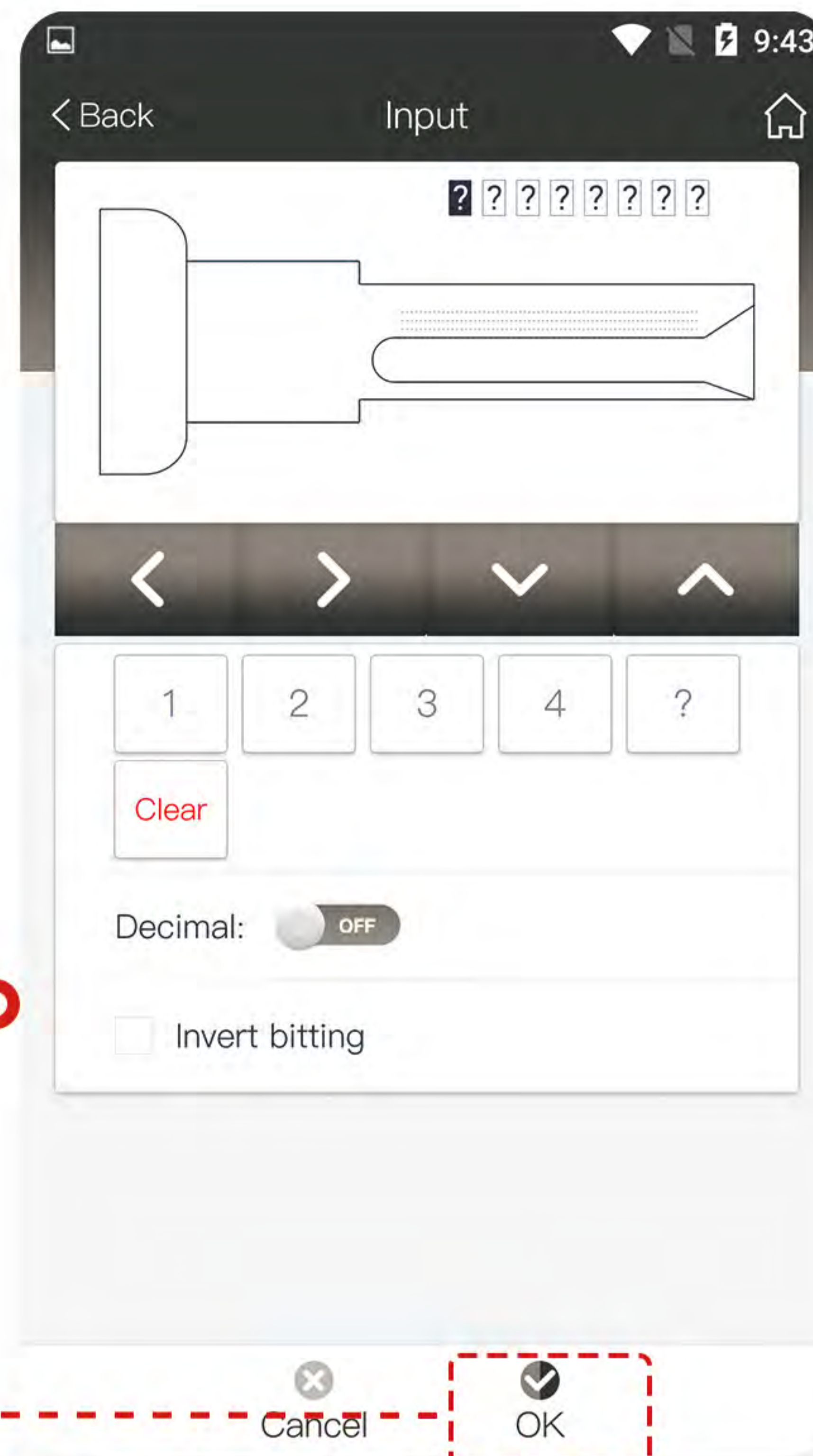
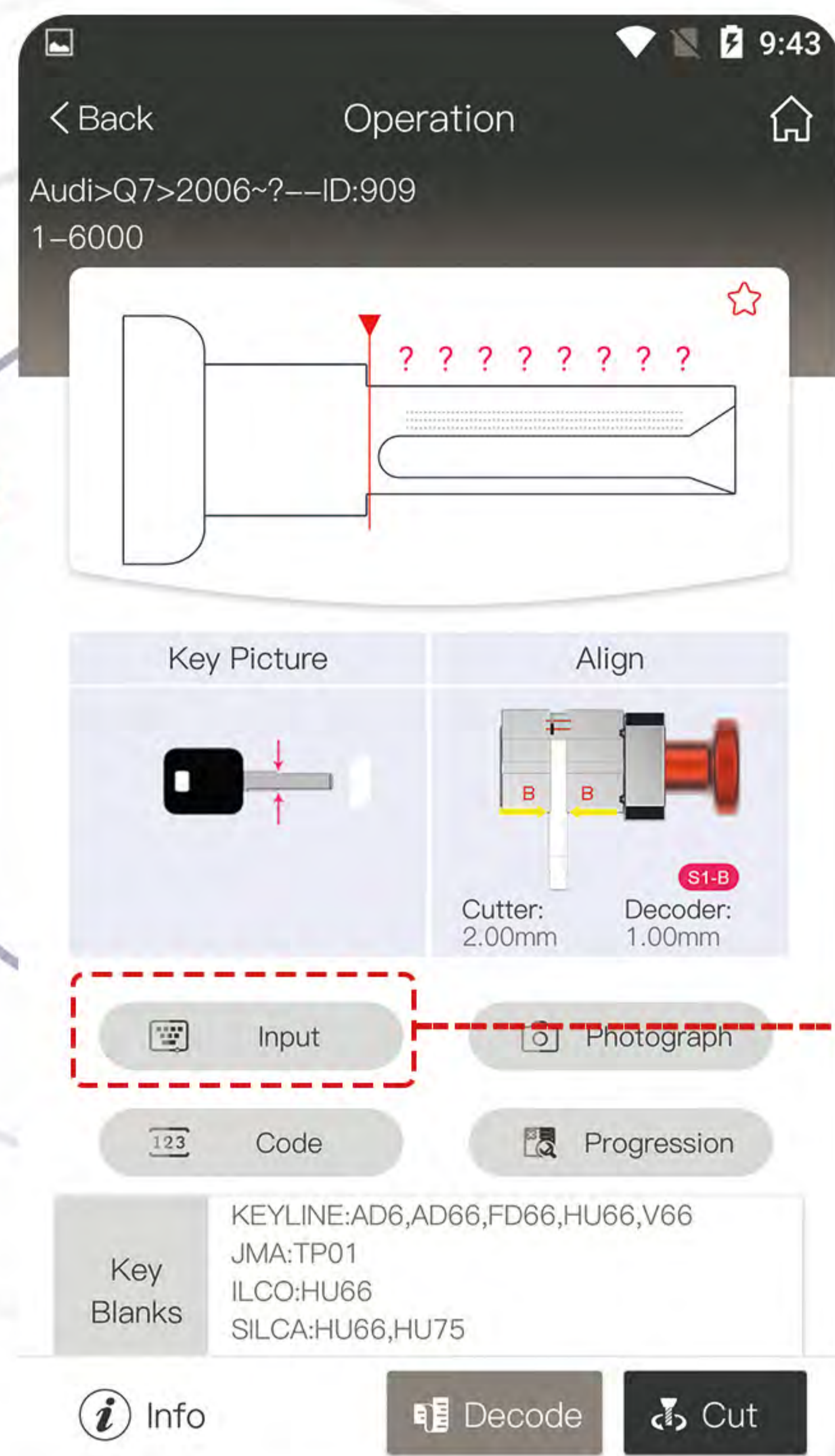
Step 4

Choose the year of manufacturing

Key Cutting

Example: Audi-Q7-2006~0--ID: 909

Input known bitting numbers to cut a key when the original key is lost

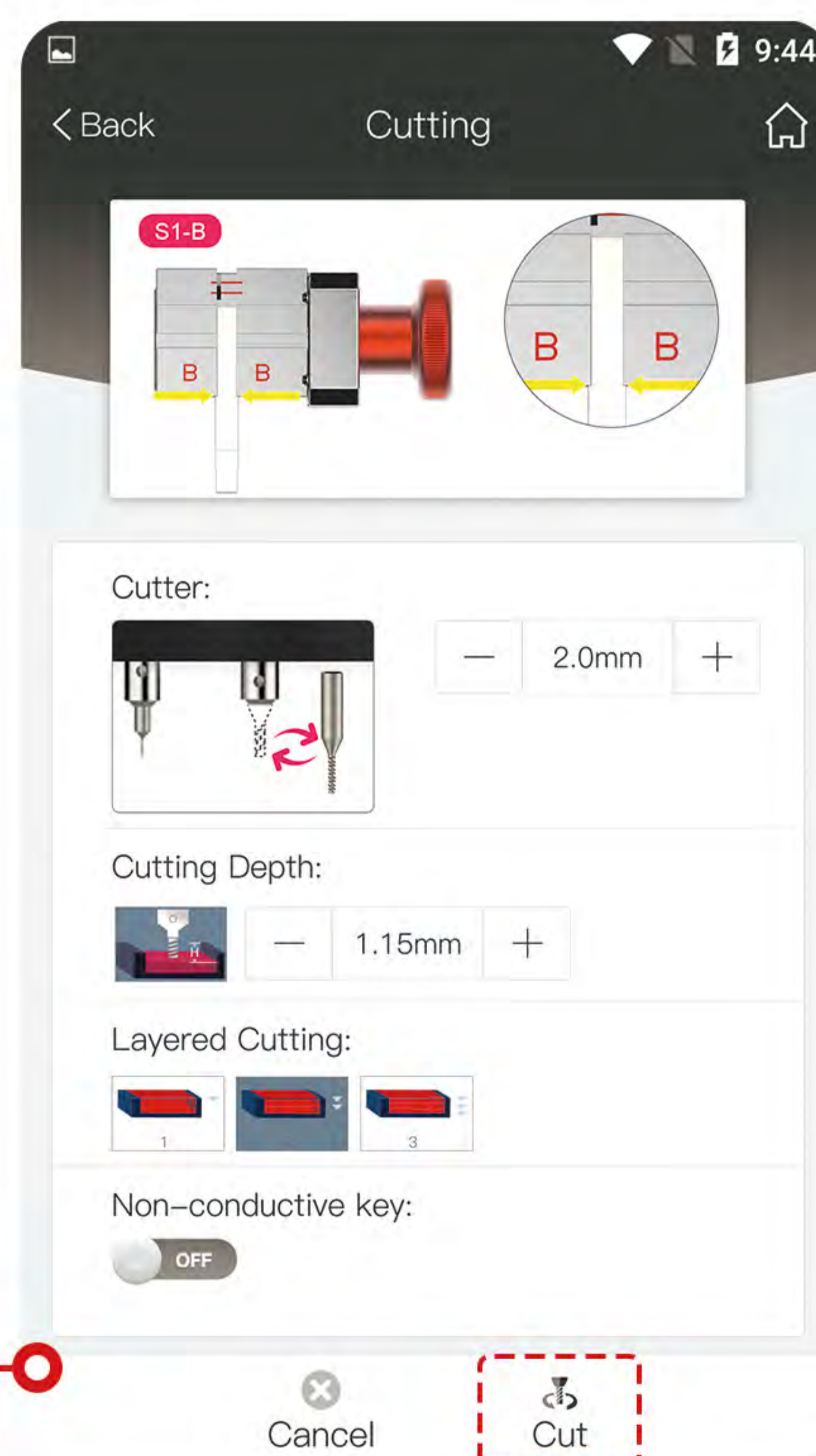
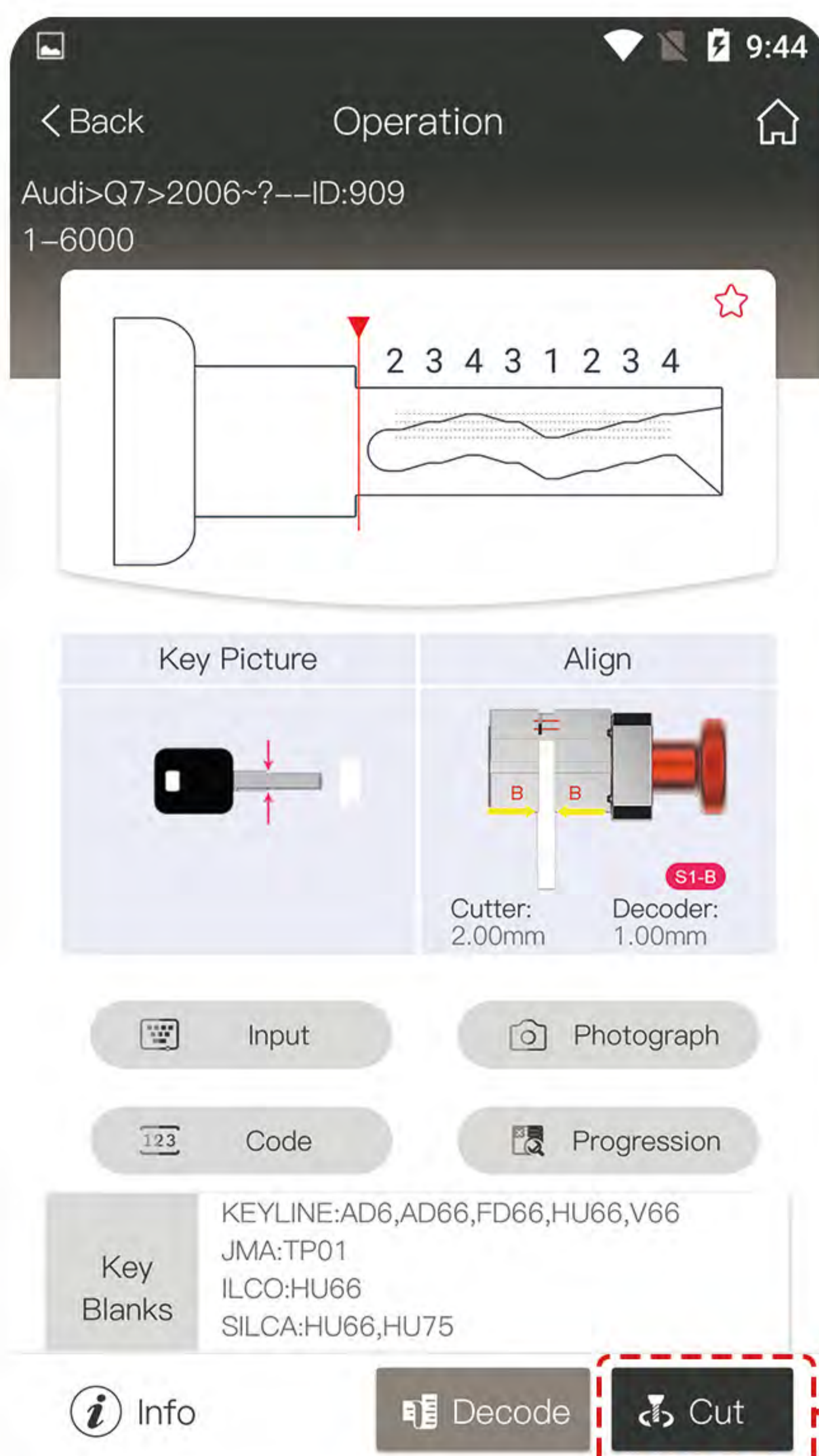


Step 5

Click button

Step 6

Input known bitting numbers then click "OK" button



Step 7

Check if the bitting numbers are correct or not, then click button

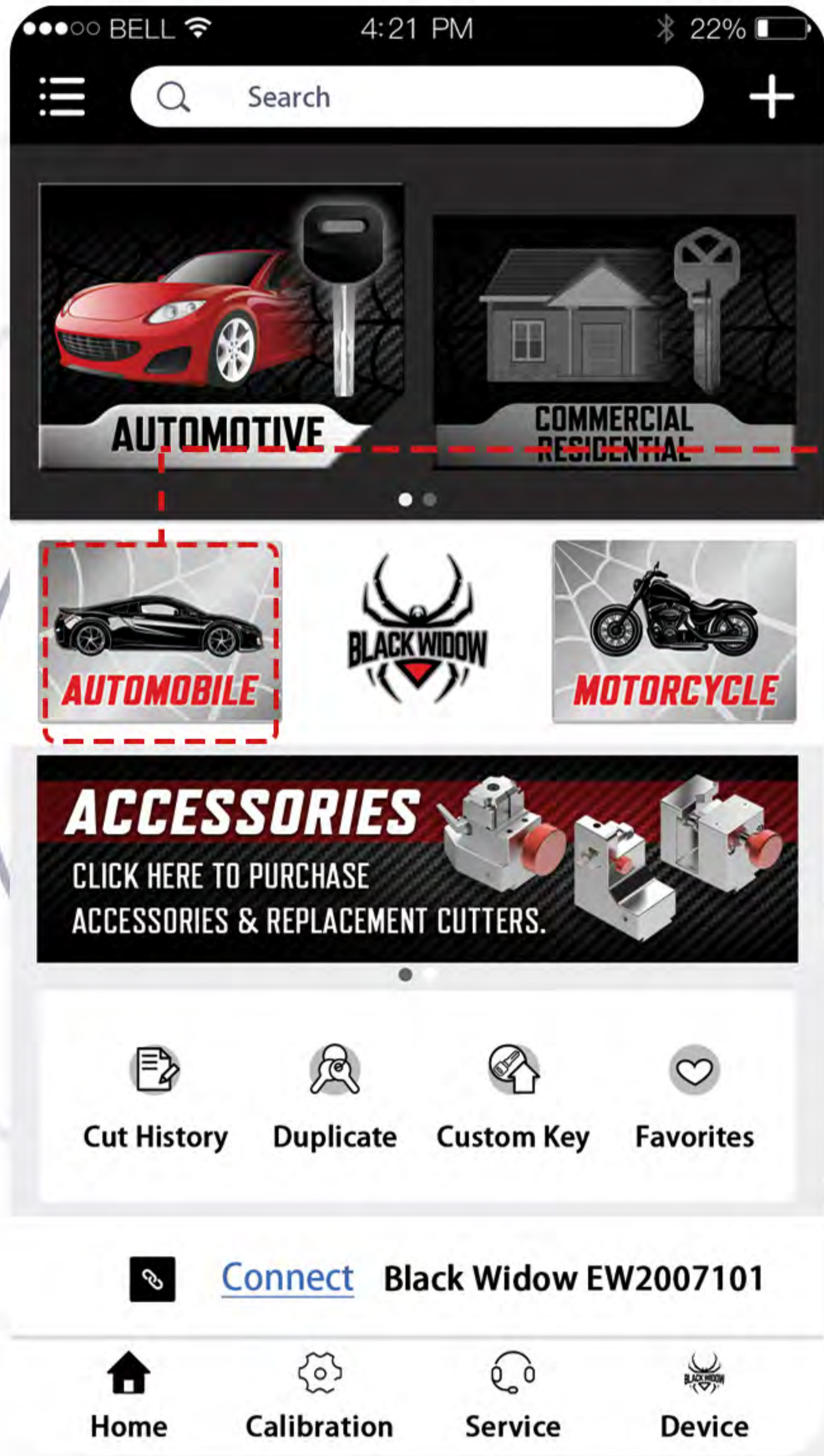
Step 8

1. Fix a new key blank shown as picture
2. Insert cutter at the right side
3. Click button to cut key after confirmed


Key Photographing

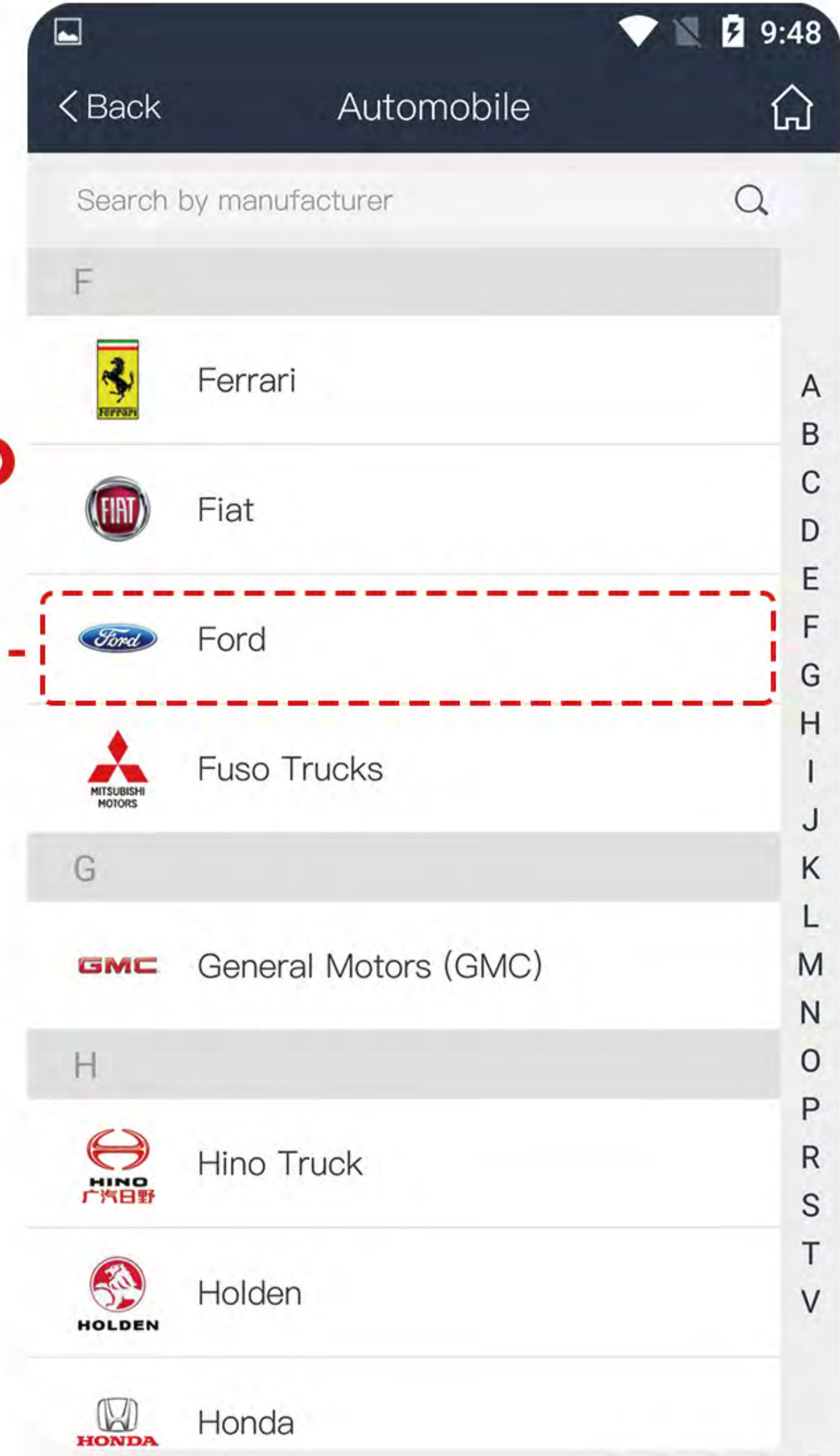
Example: Ford-Focus

 Please make sure the camera is on before using this function.



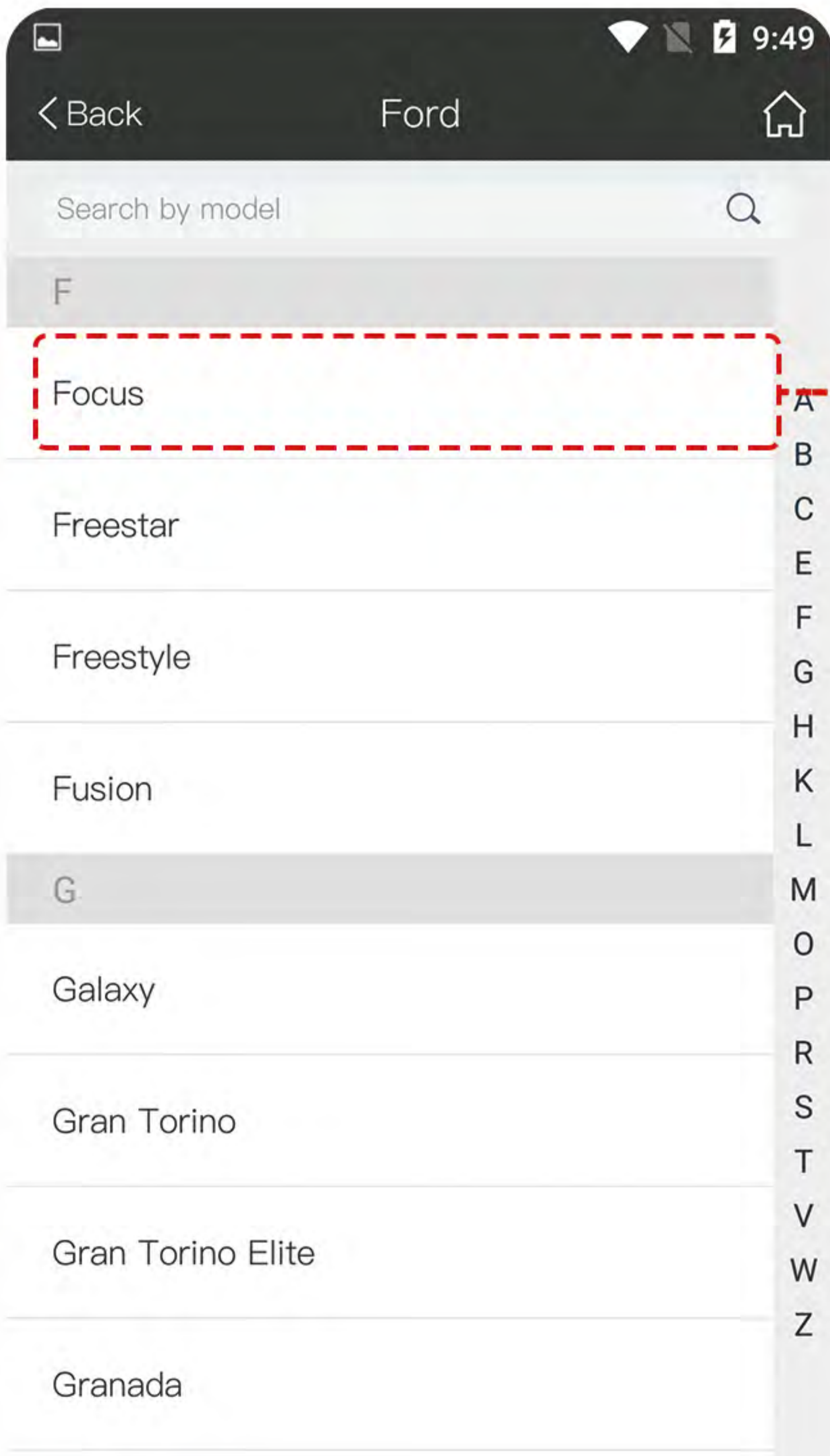
Step 1

Click  button in Home Page



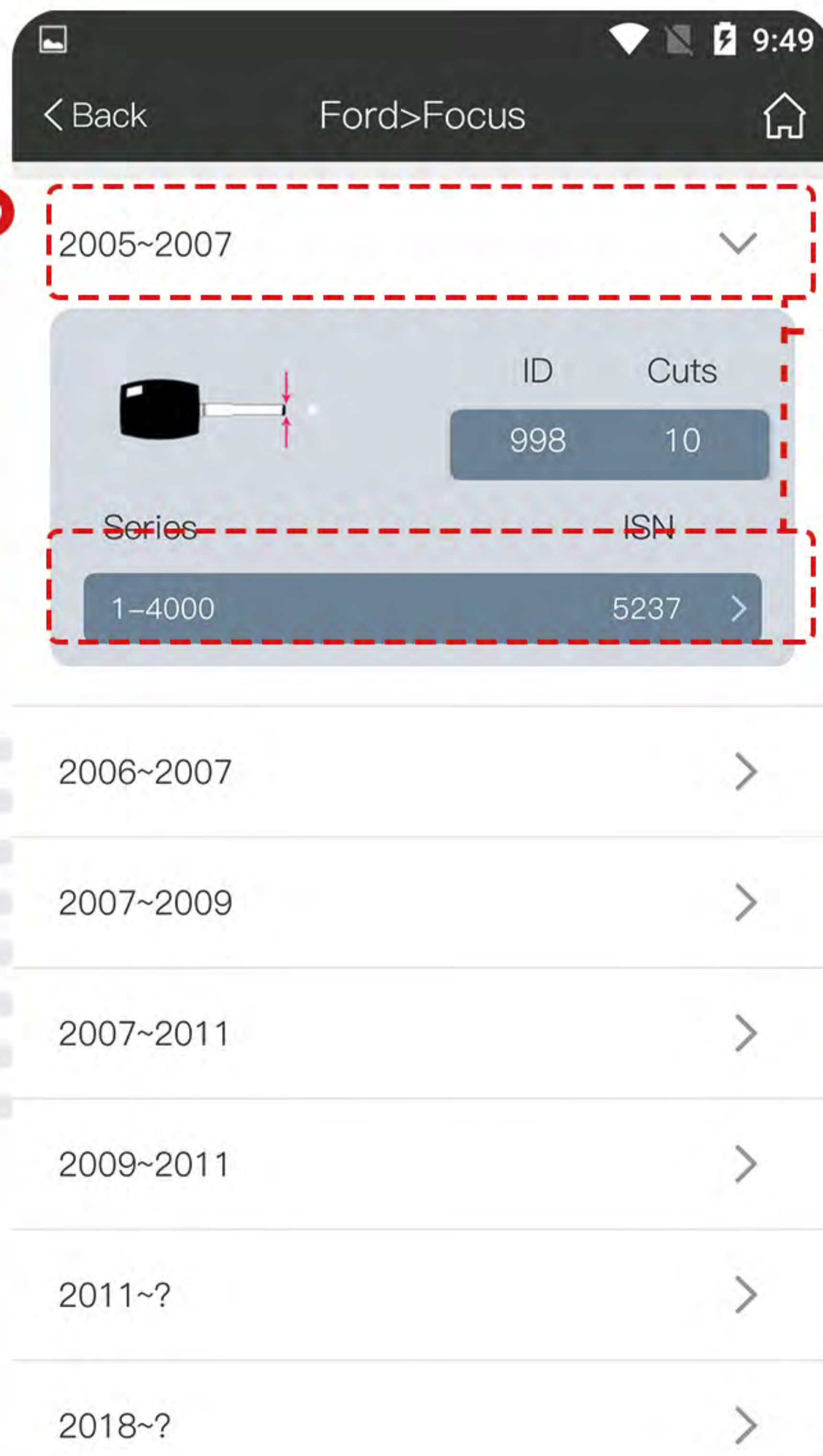
Step 2

Choose "Ford" in the list



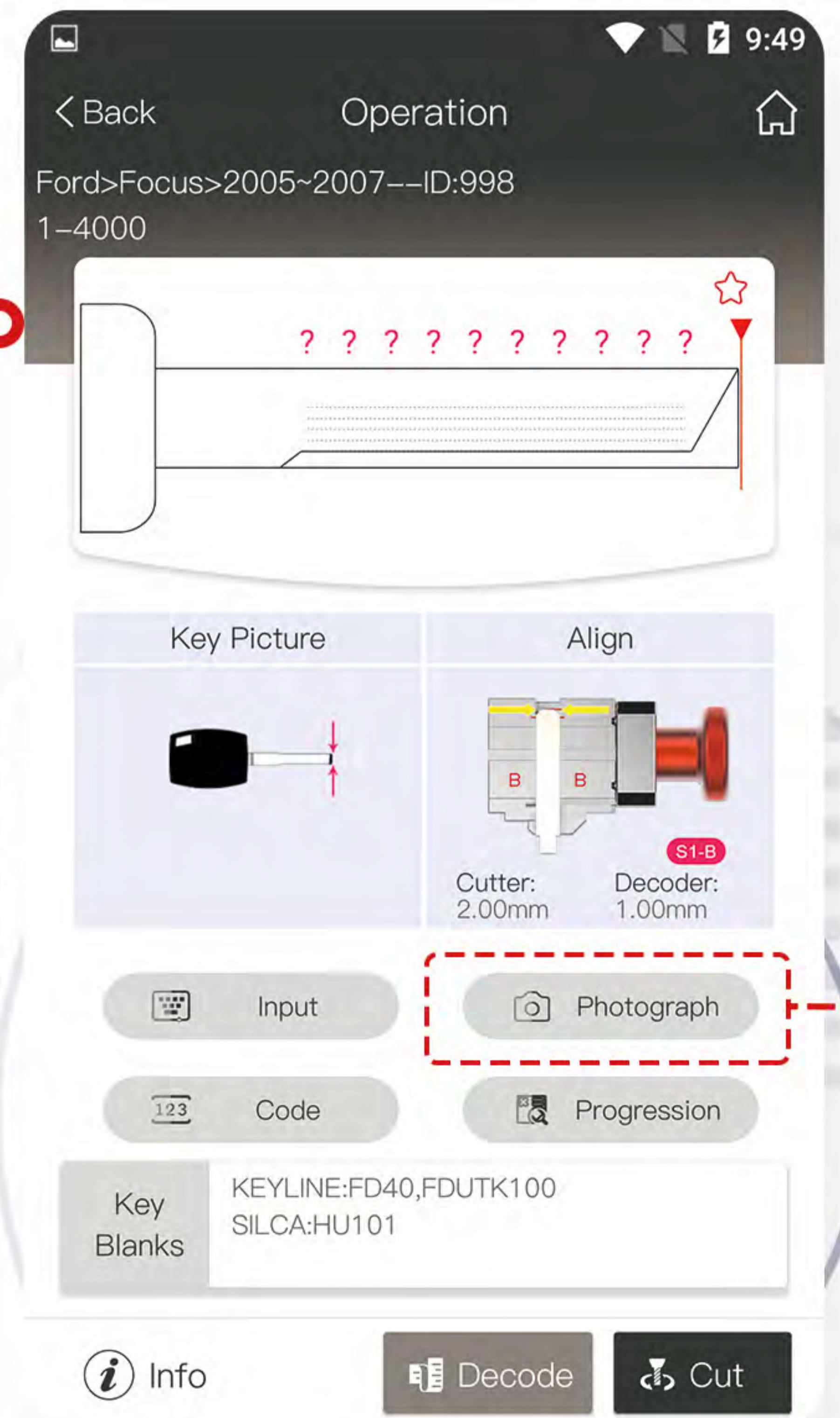
Step 3

Choose "Focus" in the list

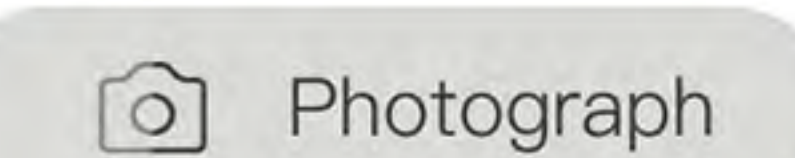


Step 4

Choose the year of manufacturing



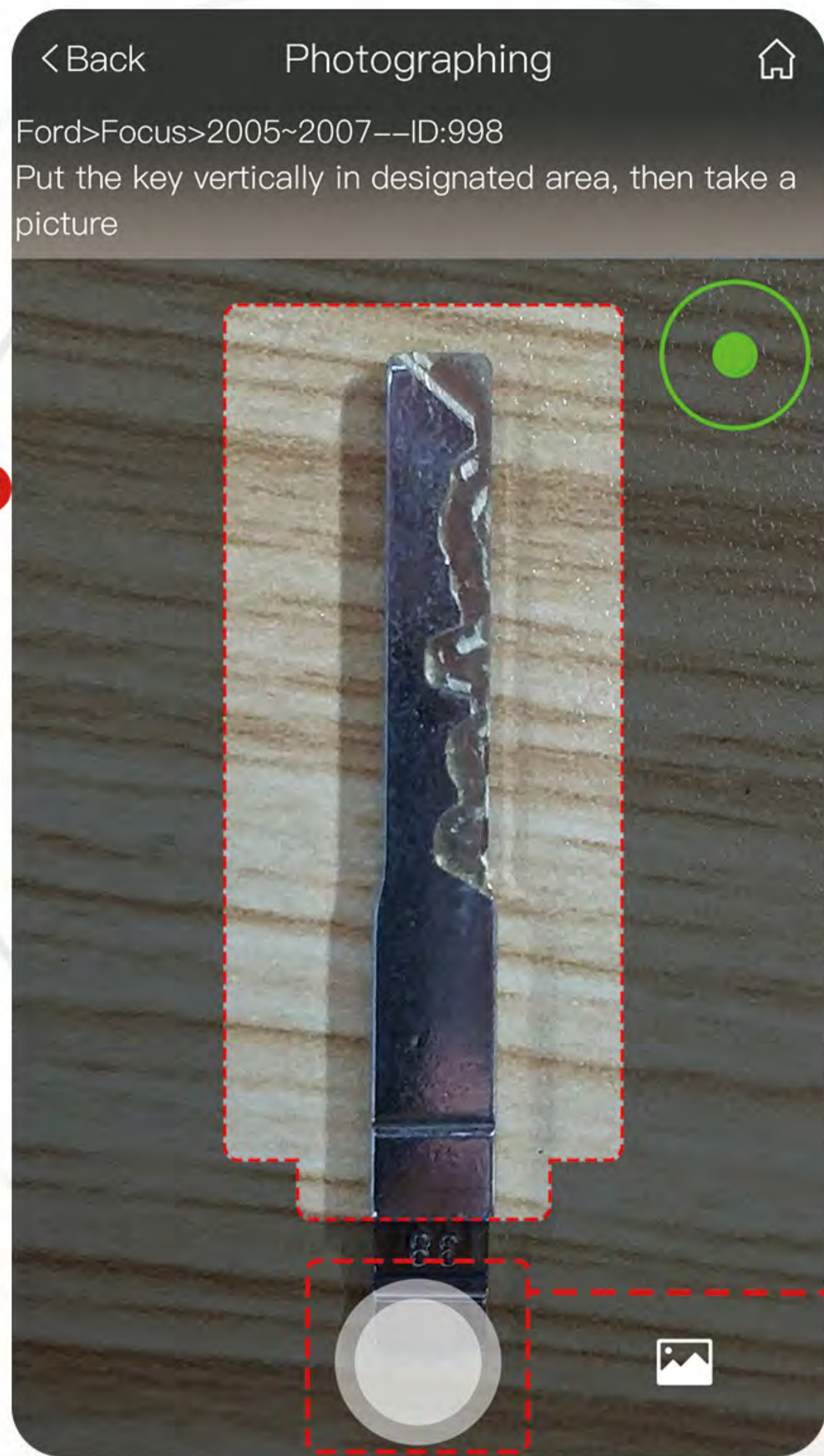
Step 5

Click  button

Key Photographing

Example: Ford-Focus

Please make sure the camera is on before using this function.



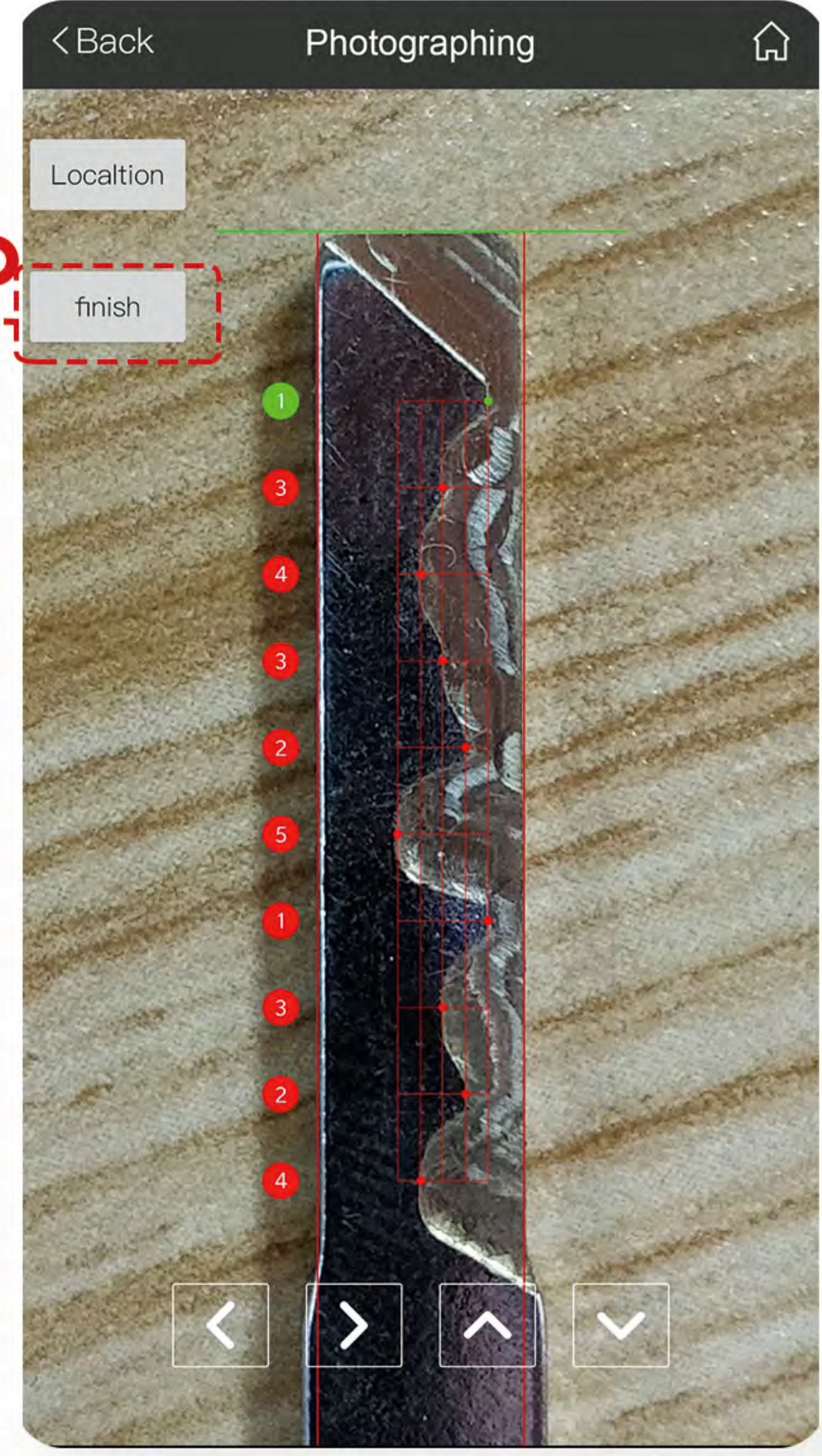
Step 6

Put the key vertically in designated area, then take a picture



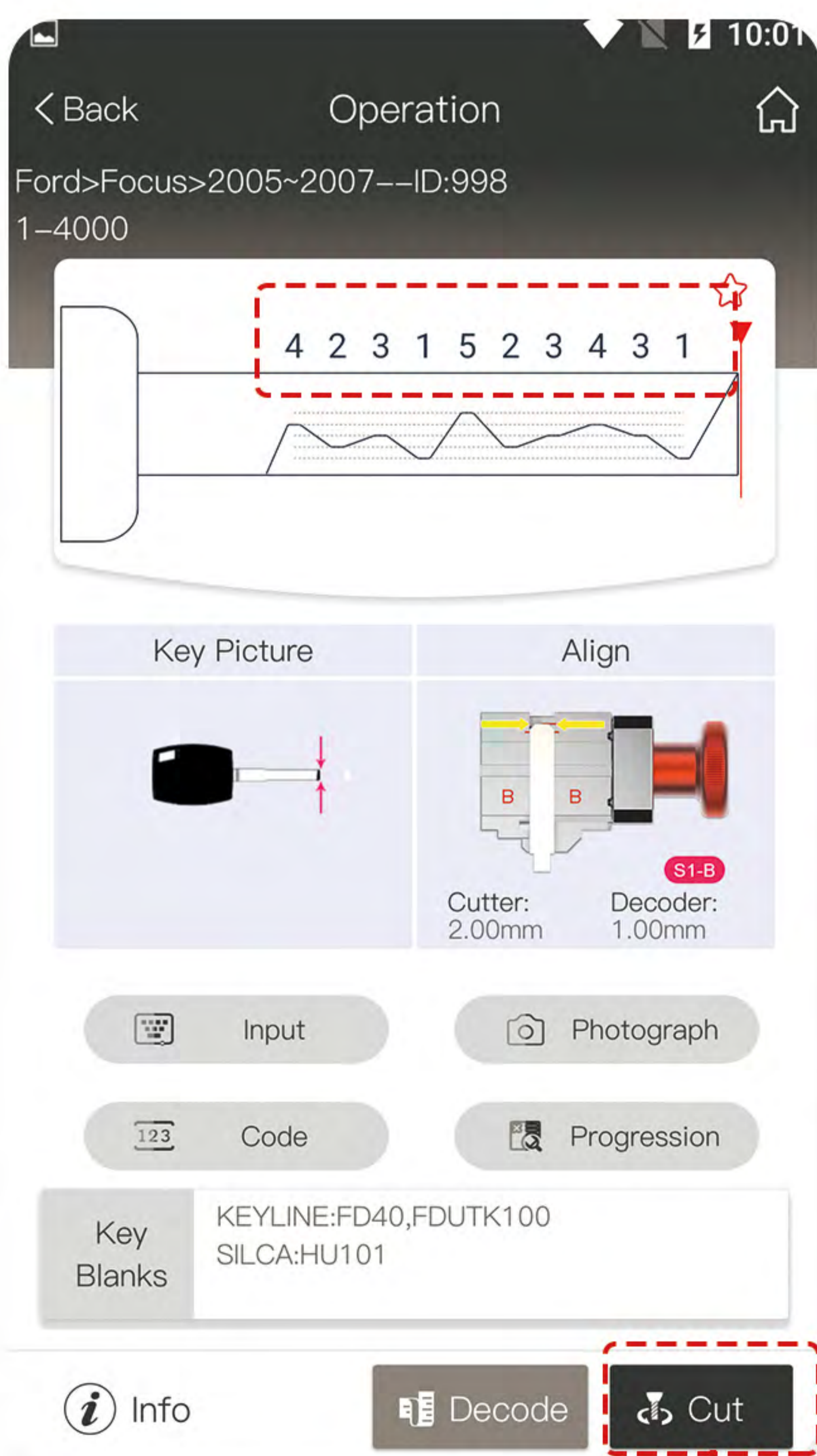
Step 7

Adjust the key picture in designated area by clicking "Rotating" / "Zooming" / "Moving" button



Step 8

Confirm the key space and key biting number, then click "Finish" button to finish adjustment



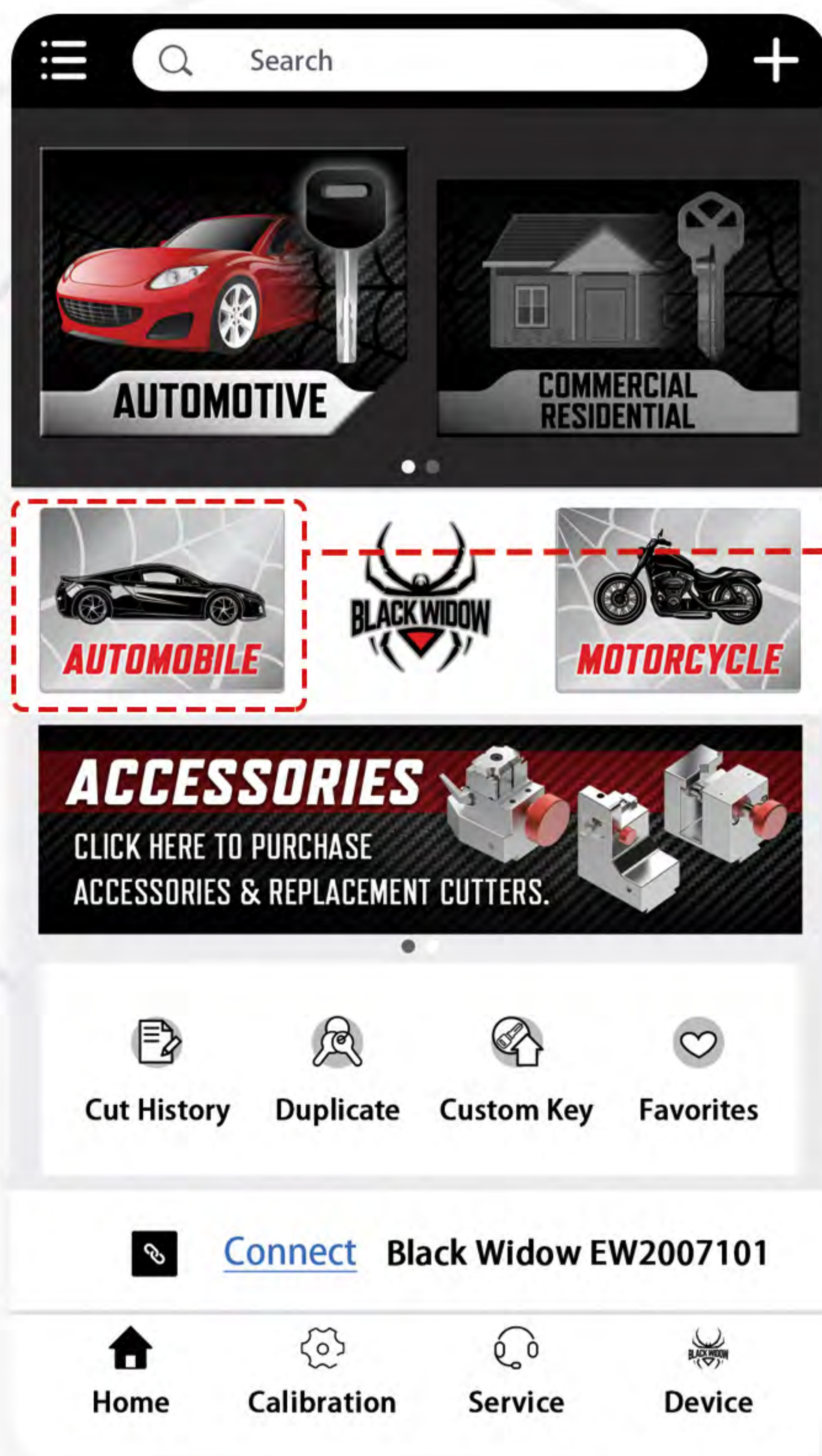
Step 9

Click "Cut" button to start cutting

Key Code

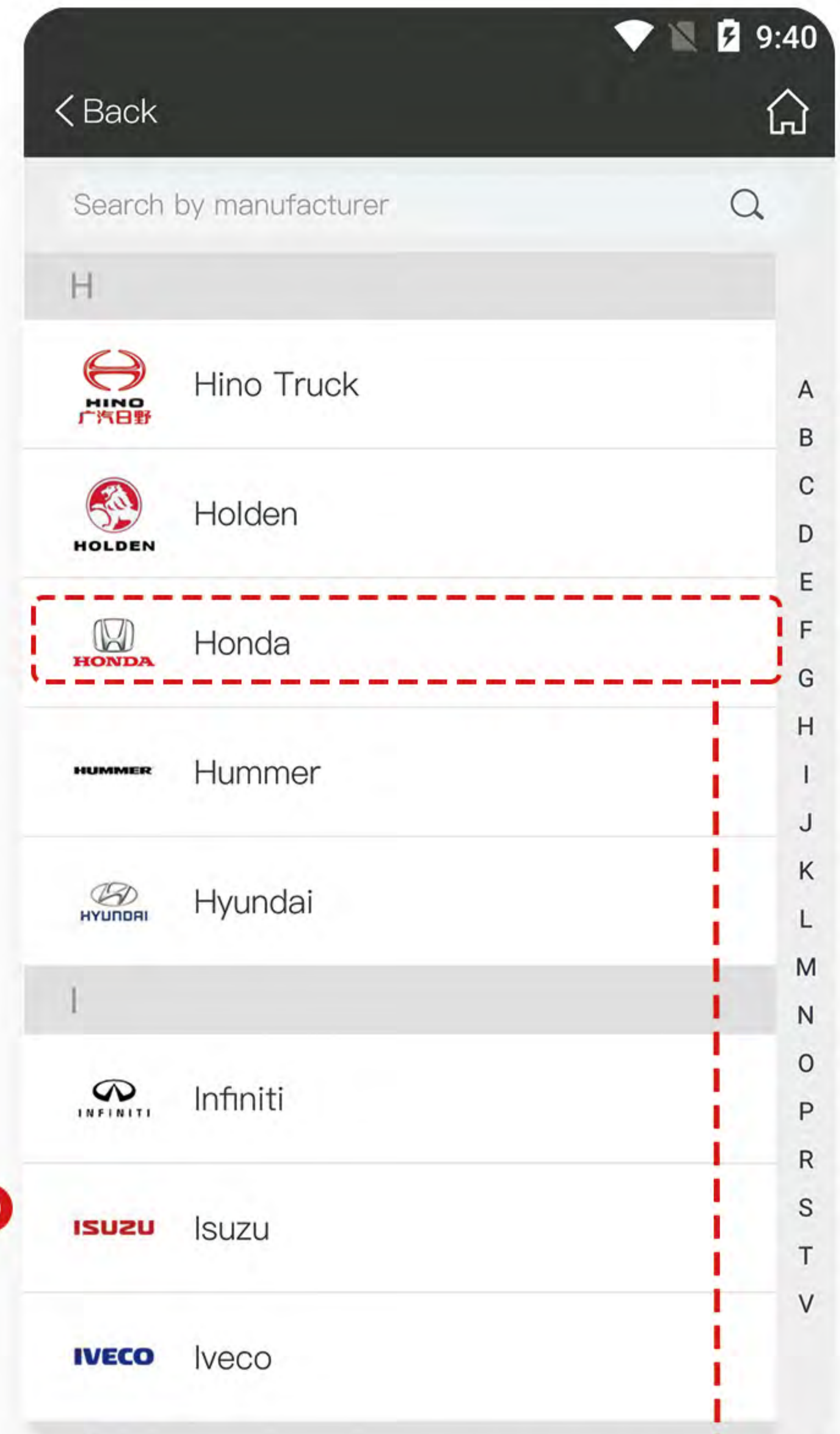
Example: Honda Accord-2003~2006--ID: 982

 How to cut a key when original key is lost



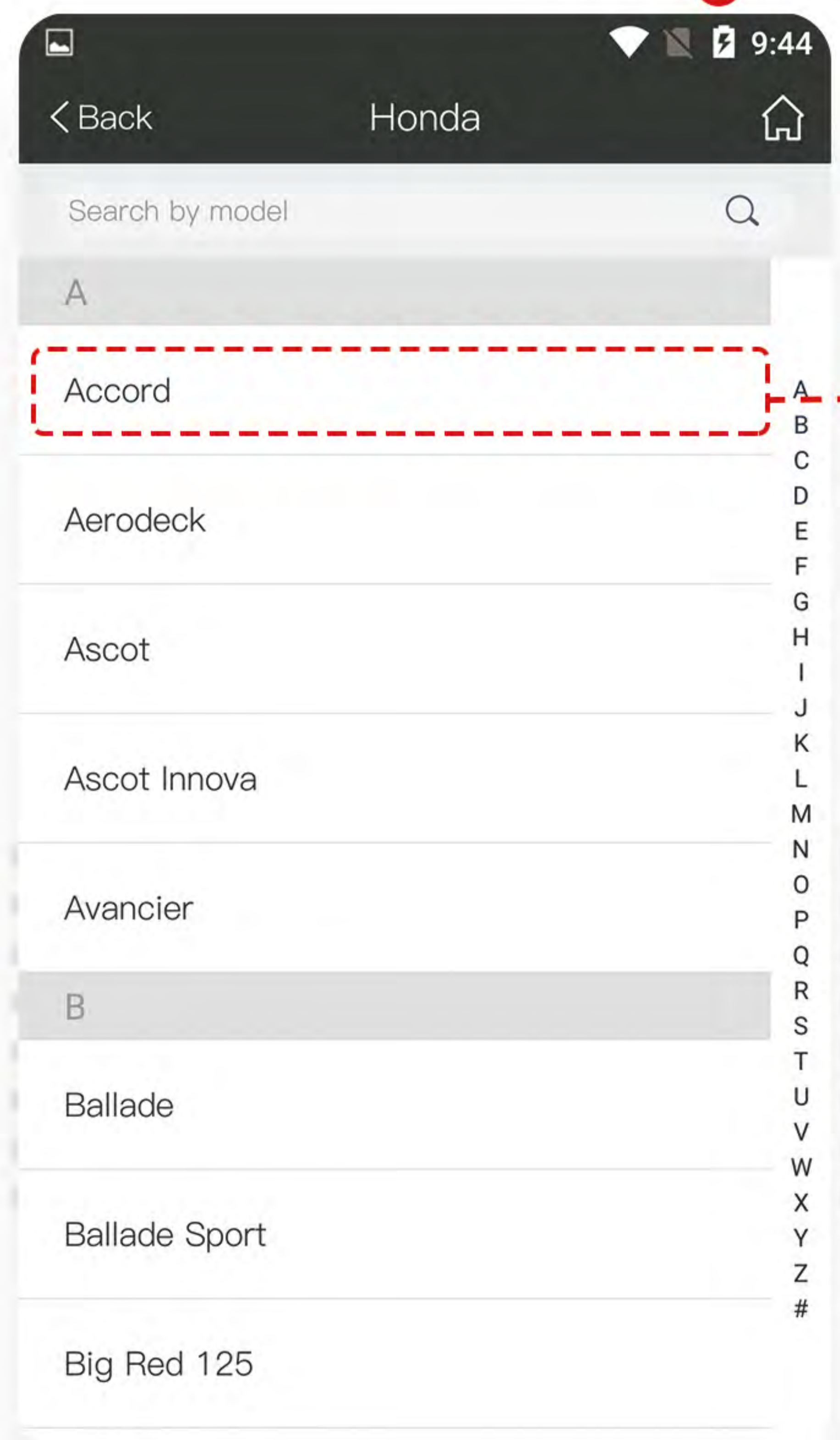
Step 1

Click  button in Home Page



Step 2

Choose "Honda" in the list



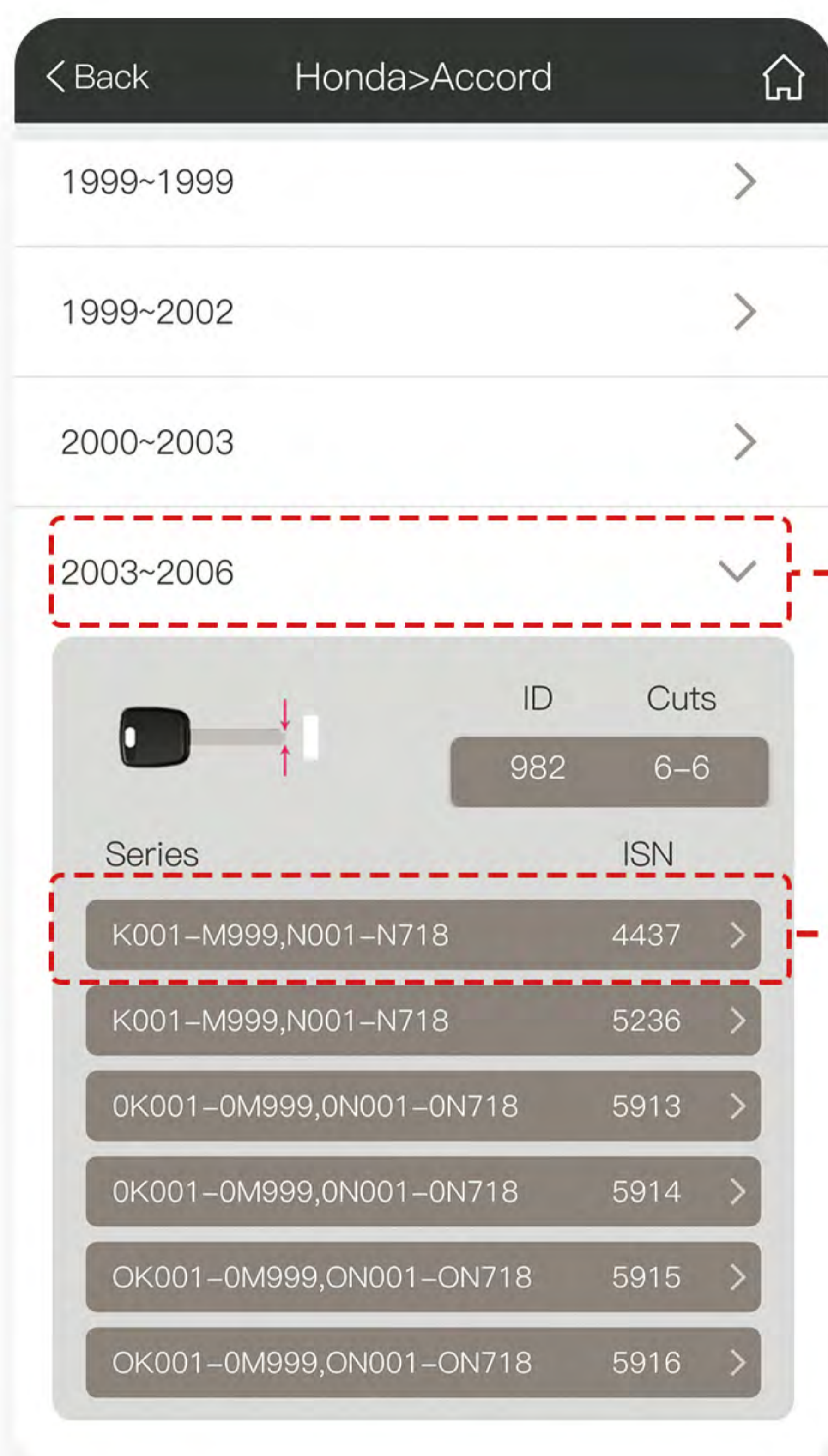
Step 3

Choose "Accord" in the list

Key Code

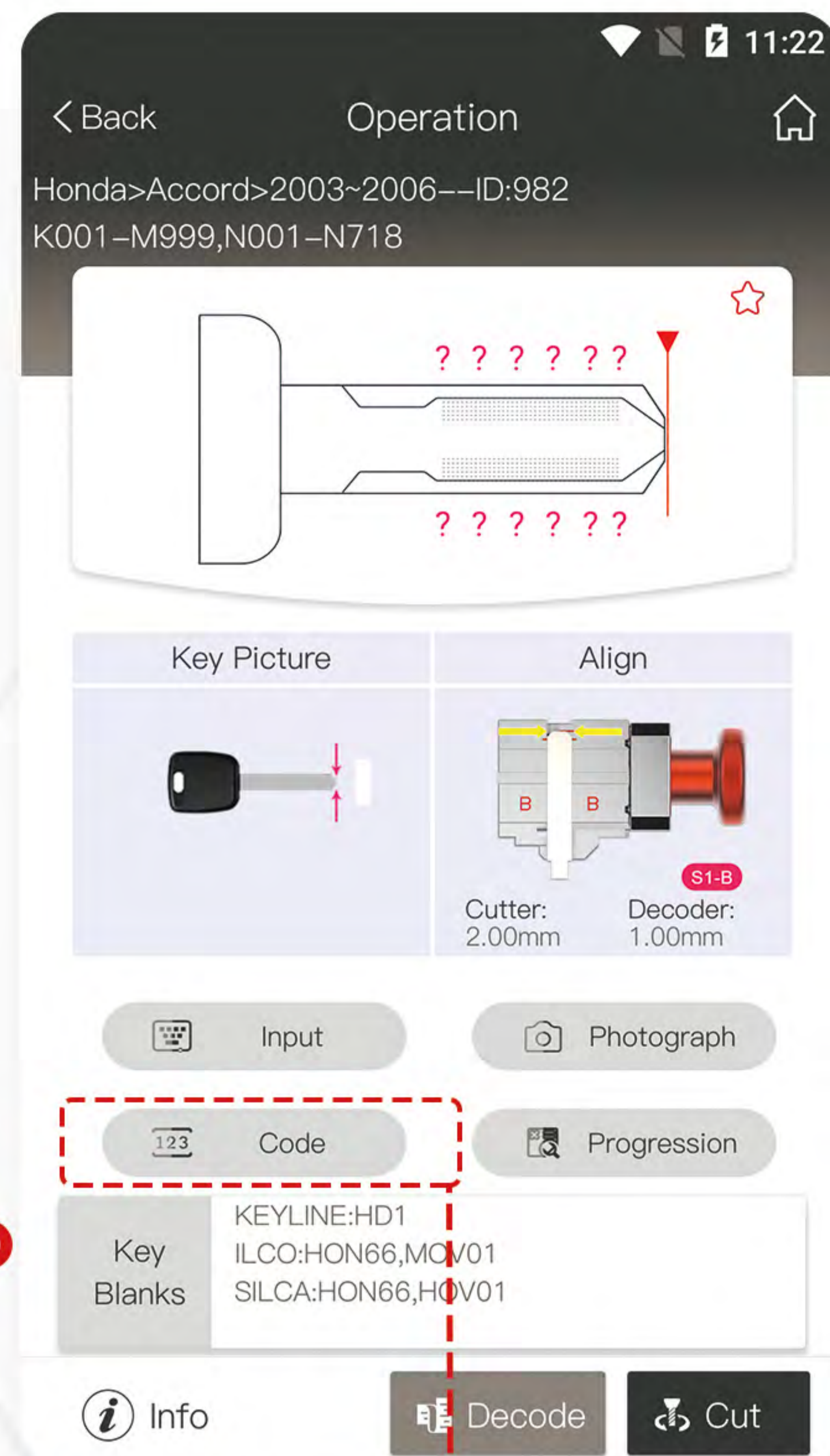
Example: Honda Accord-2003~2006--ID: 982

How to cut a key when original key is lost



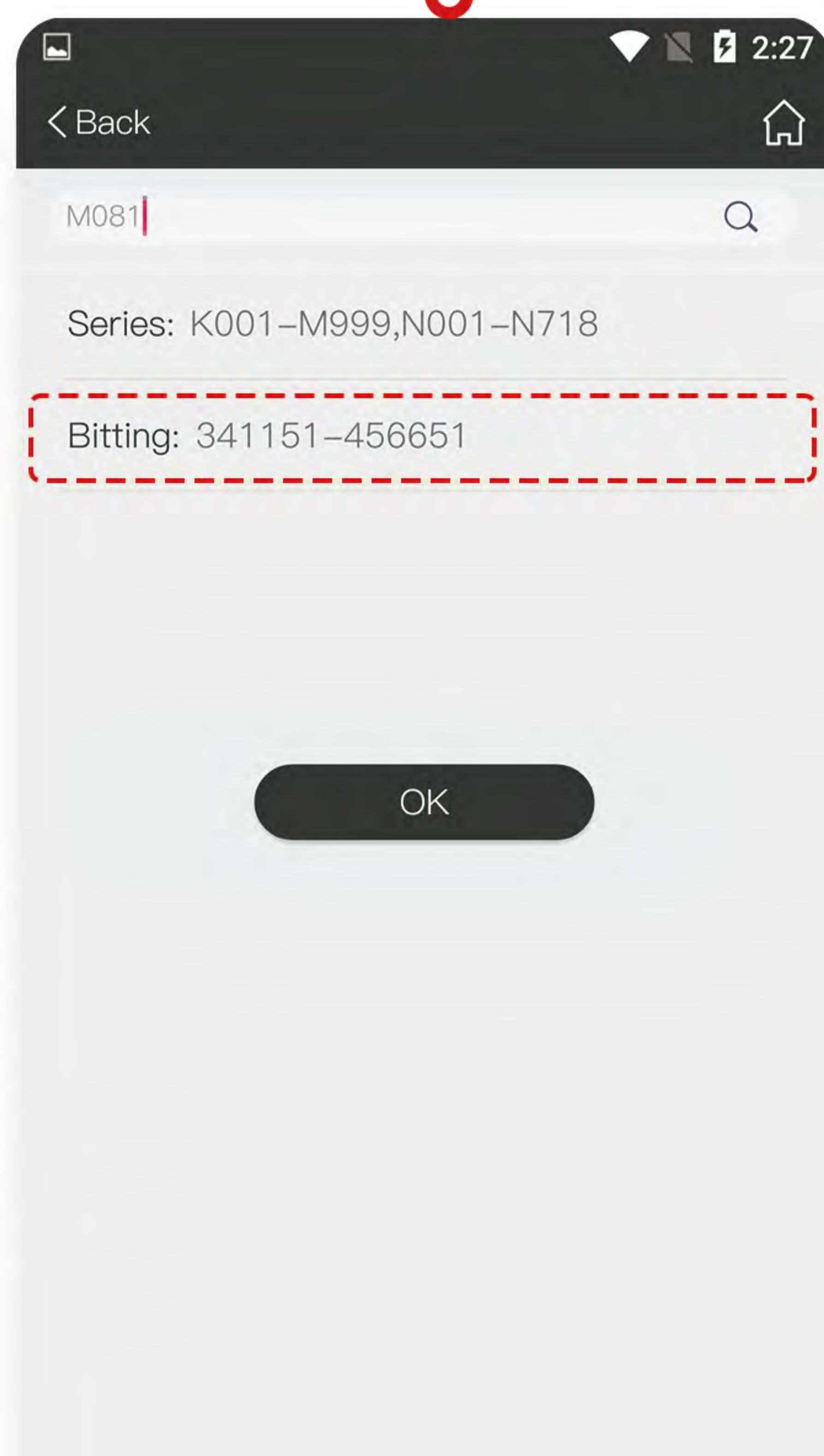
Step 4

Choose the year of manufacturing



Step 5

Click Code button

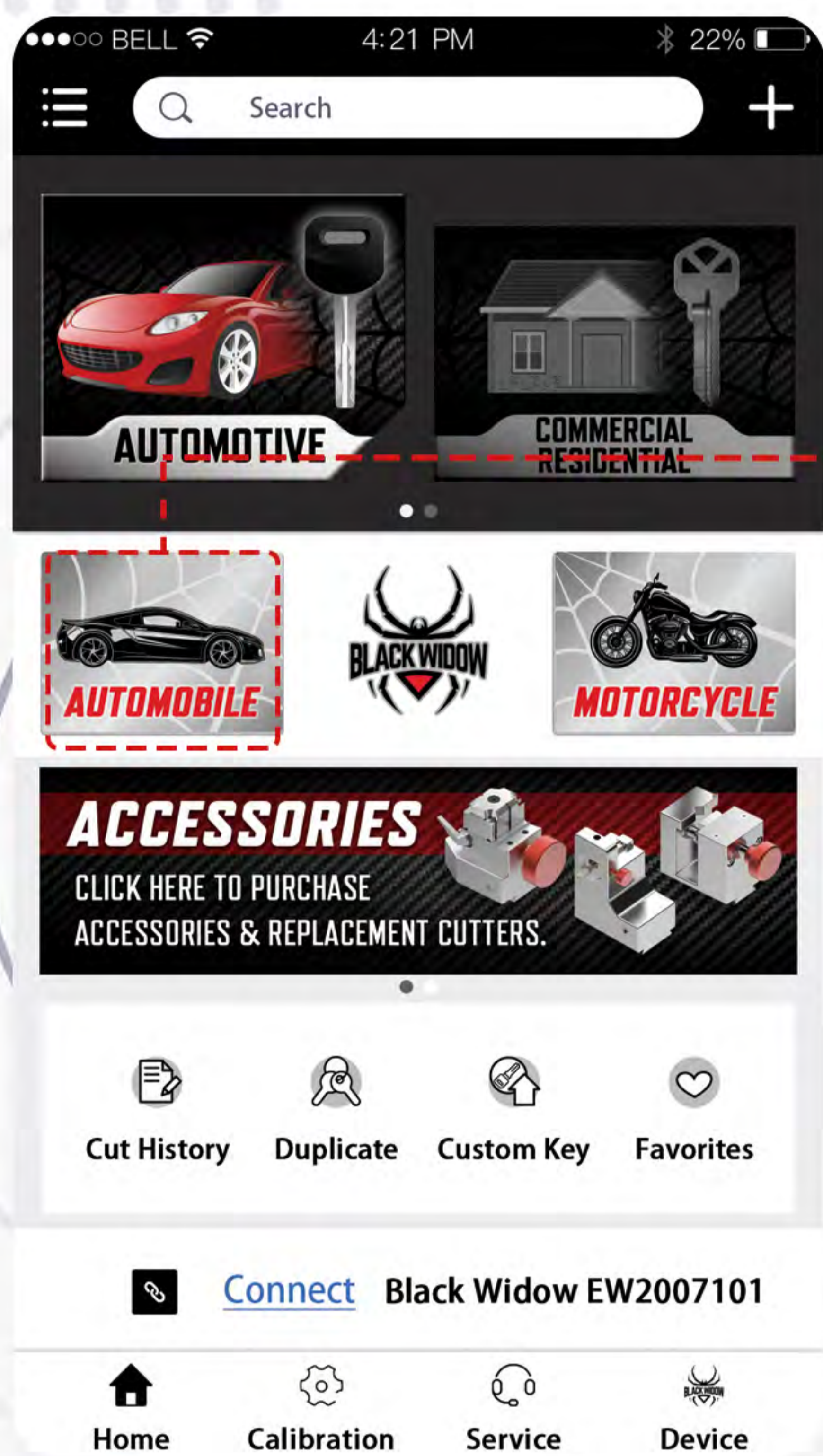


Step 6

Input the code "M081" and click "Search" to get the bitting numbers

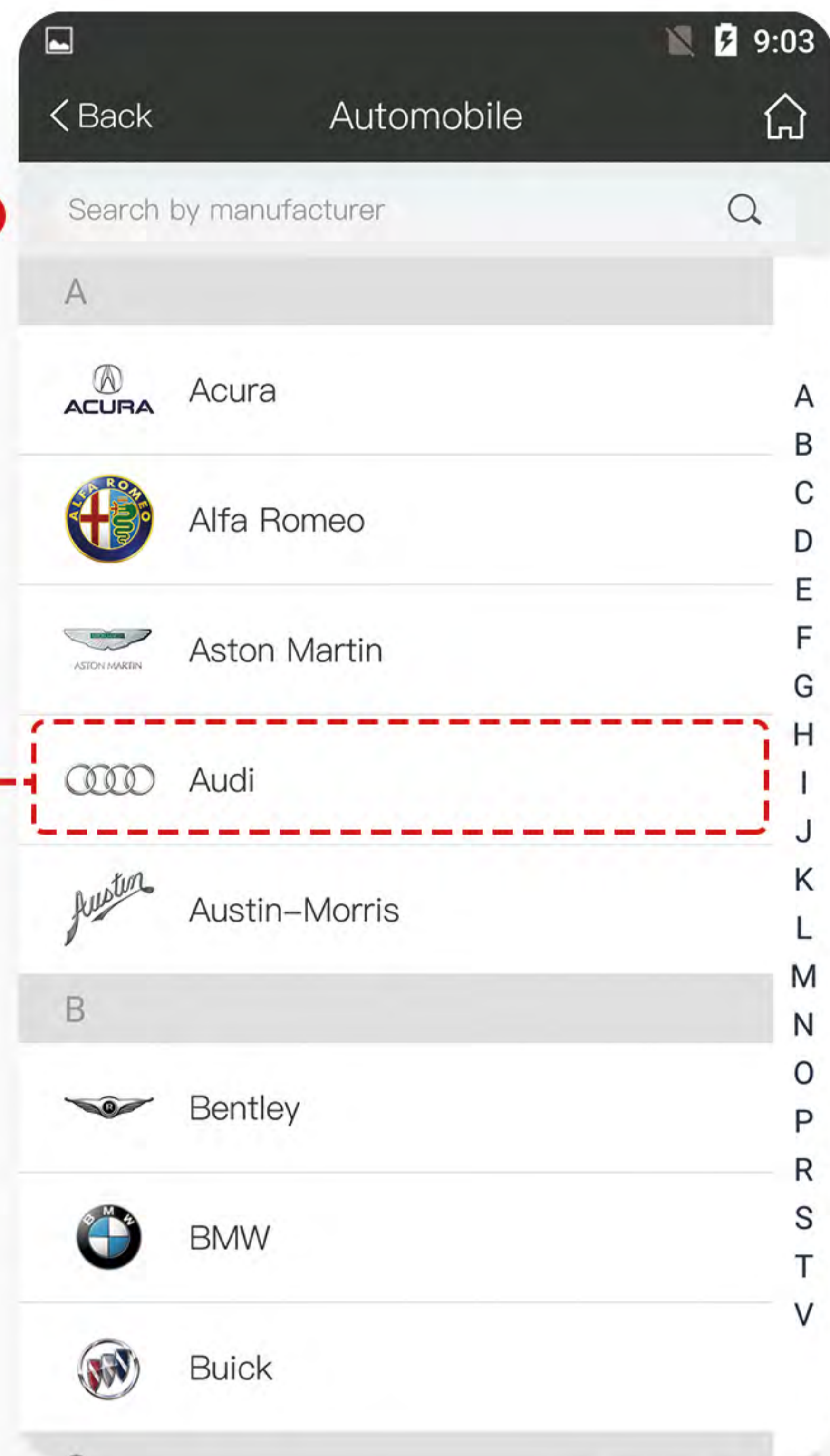
Progression

Example: Audi-Q7-2006~0--ID: 909



Step 1

Click  button in Home Page



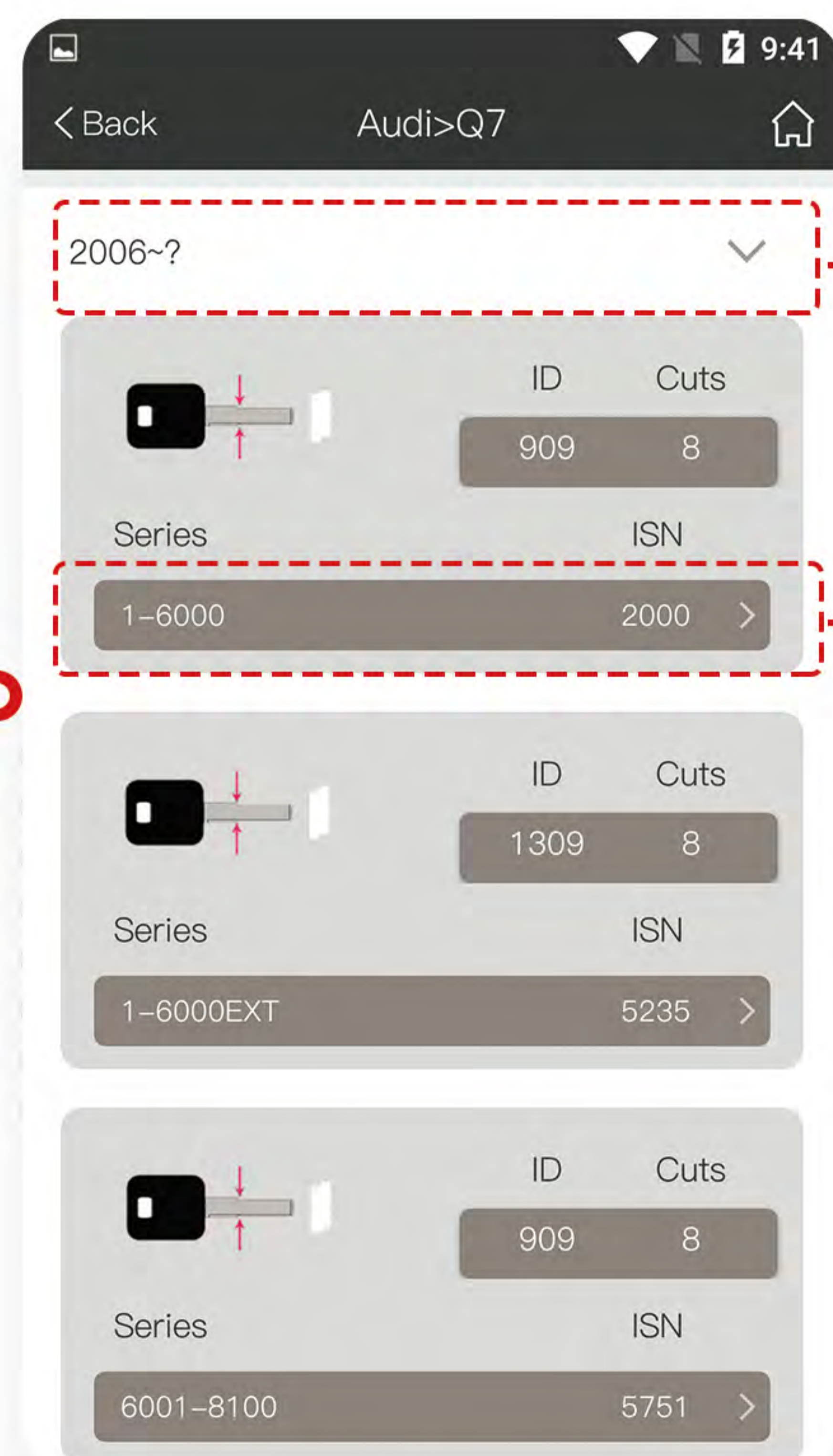
Step 2

Choose "Audi" in the list



Step 3

Choose "Q7 " in the list



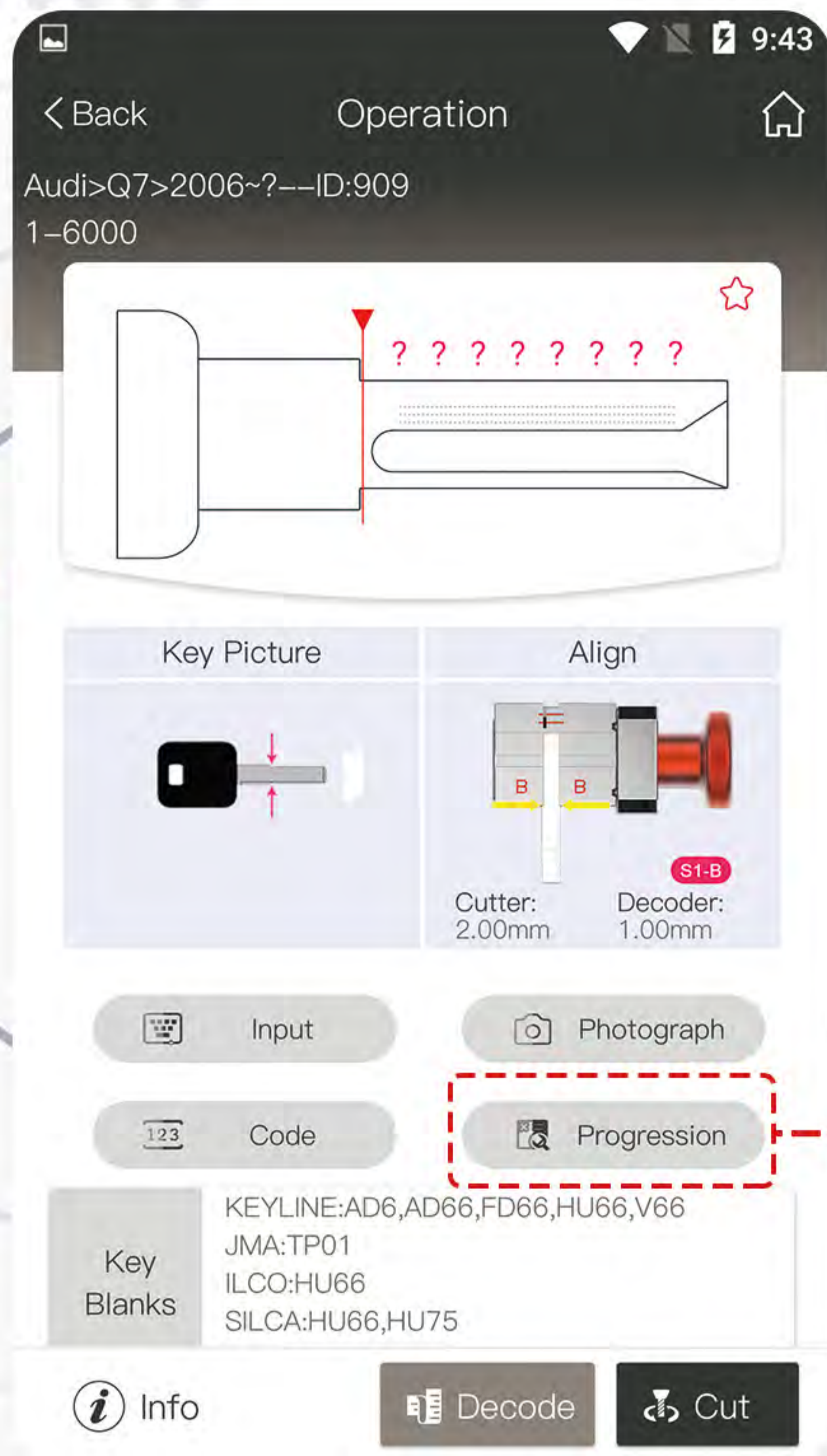
Step 4

Choose the year of manufacturing

Progression

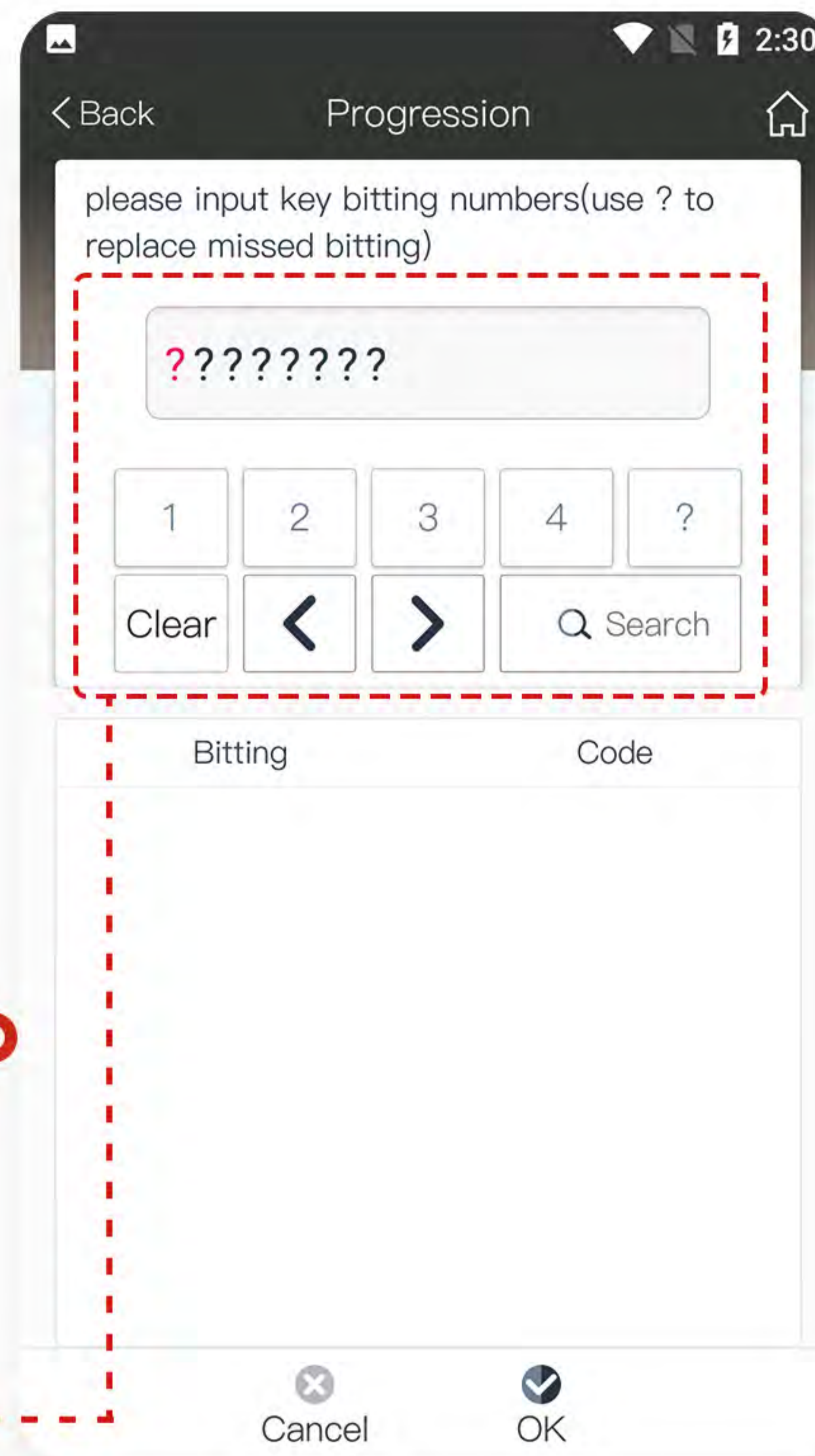


Example: Audi-Q7-2006~0--ID: 909



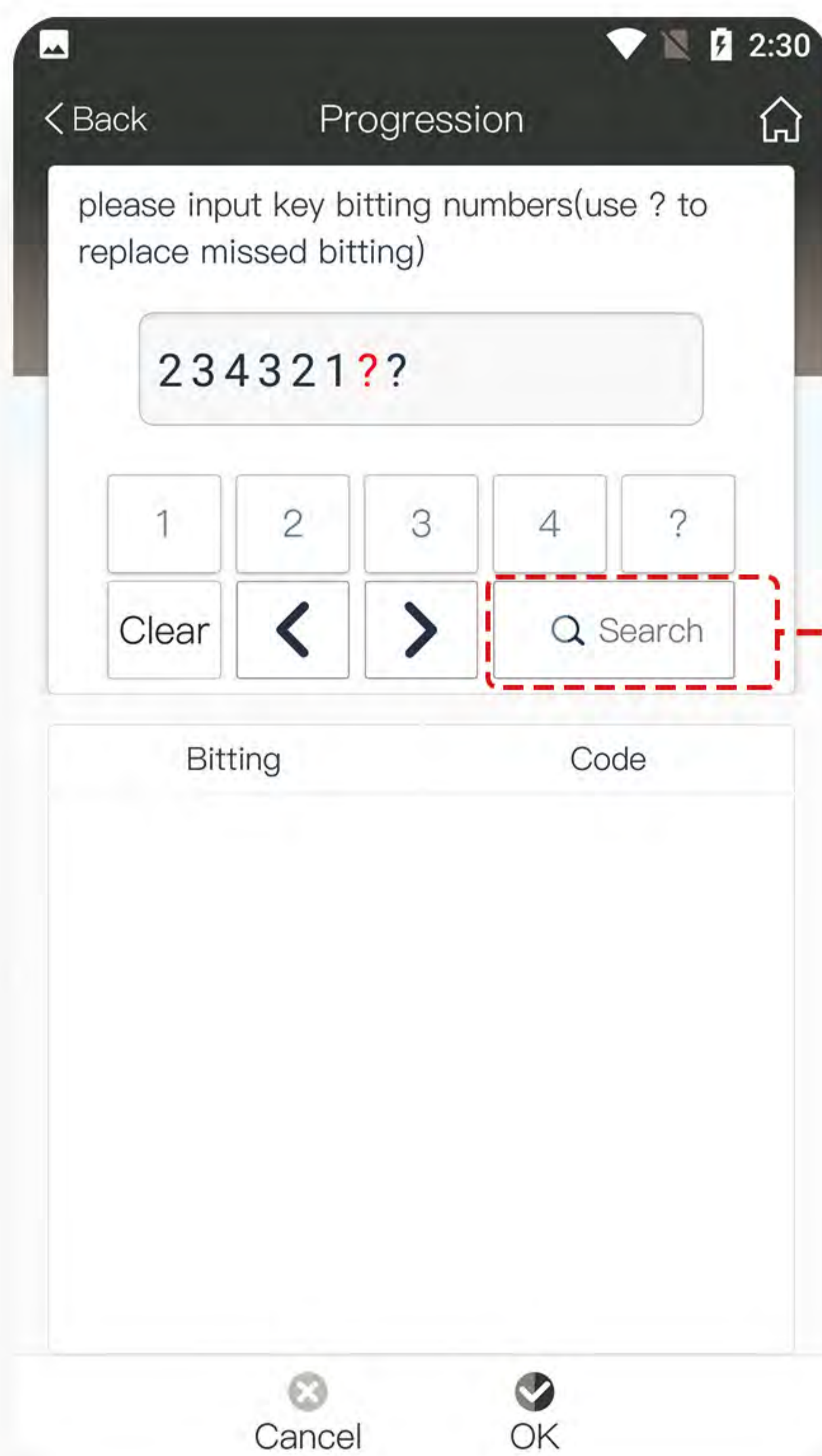
Step 5

Click **Progression** button



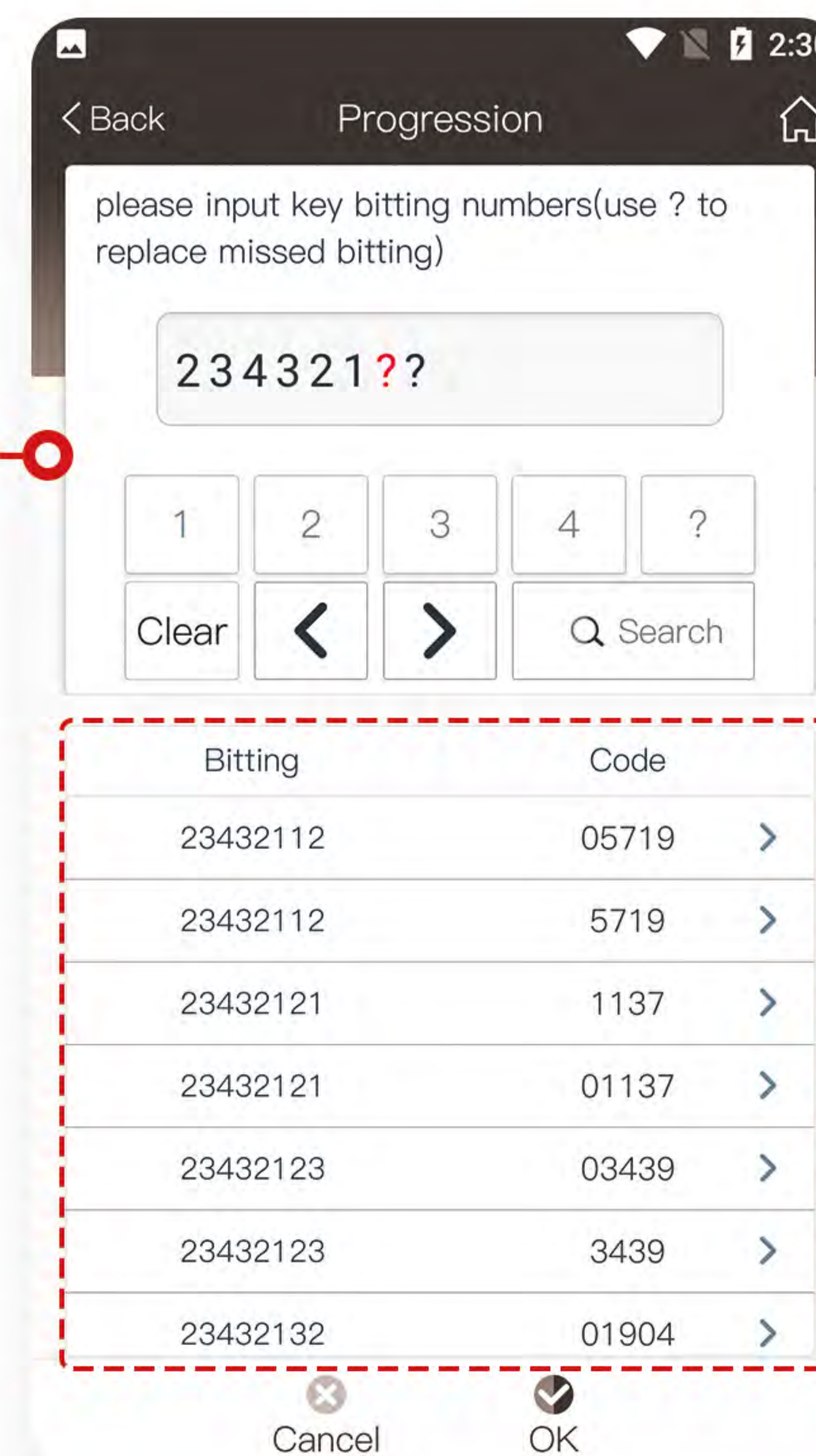
Step 6

Example: Input known bitting numbers "234321" and keep unknown bitting numbers as "?" in the input box



Step 7

Make sure the bitting numbers are correct, then click "Search" button

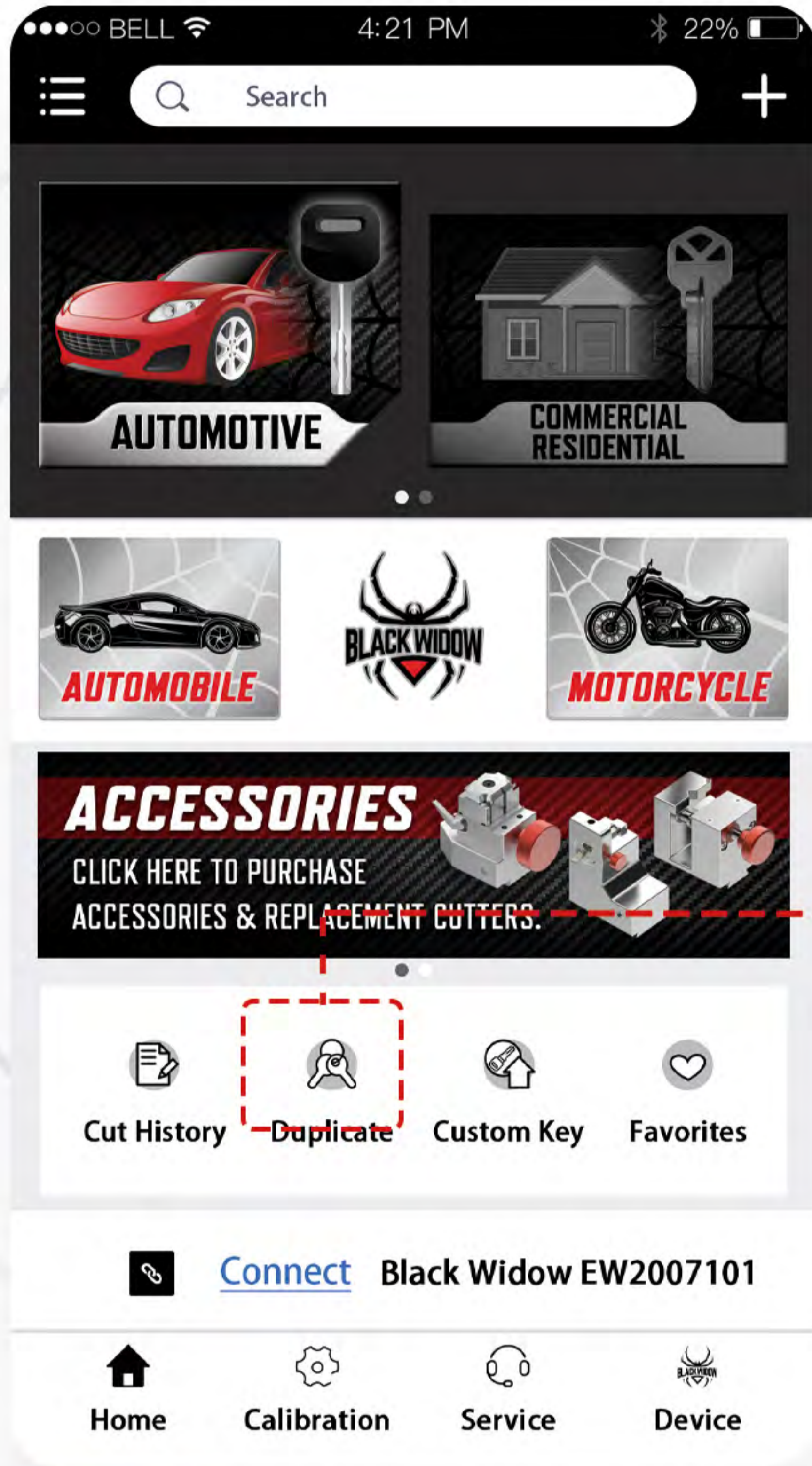


Step 8

Review search results and choose the corresponding one you need

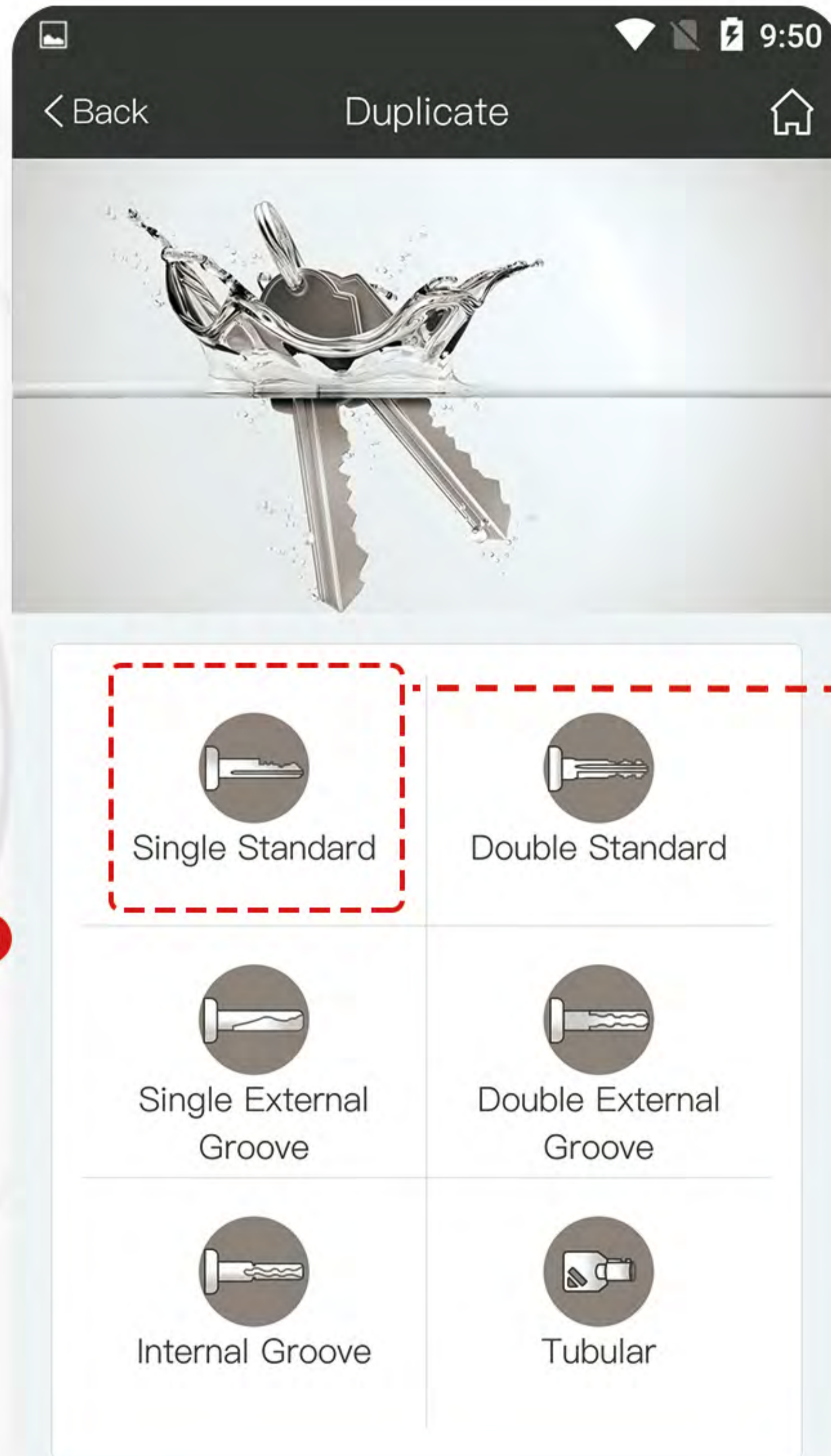
Duplicate

Single-Sided Edge-Cut Key



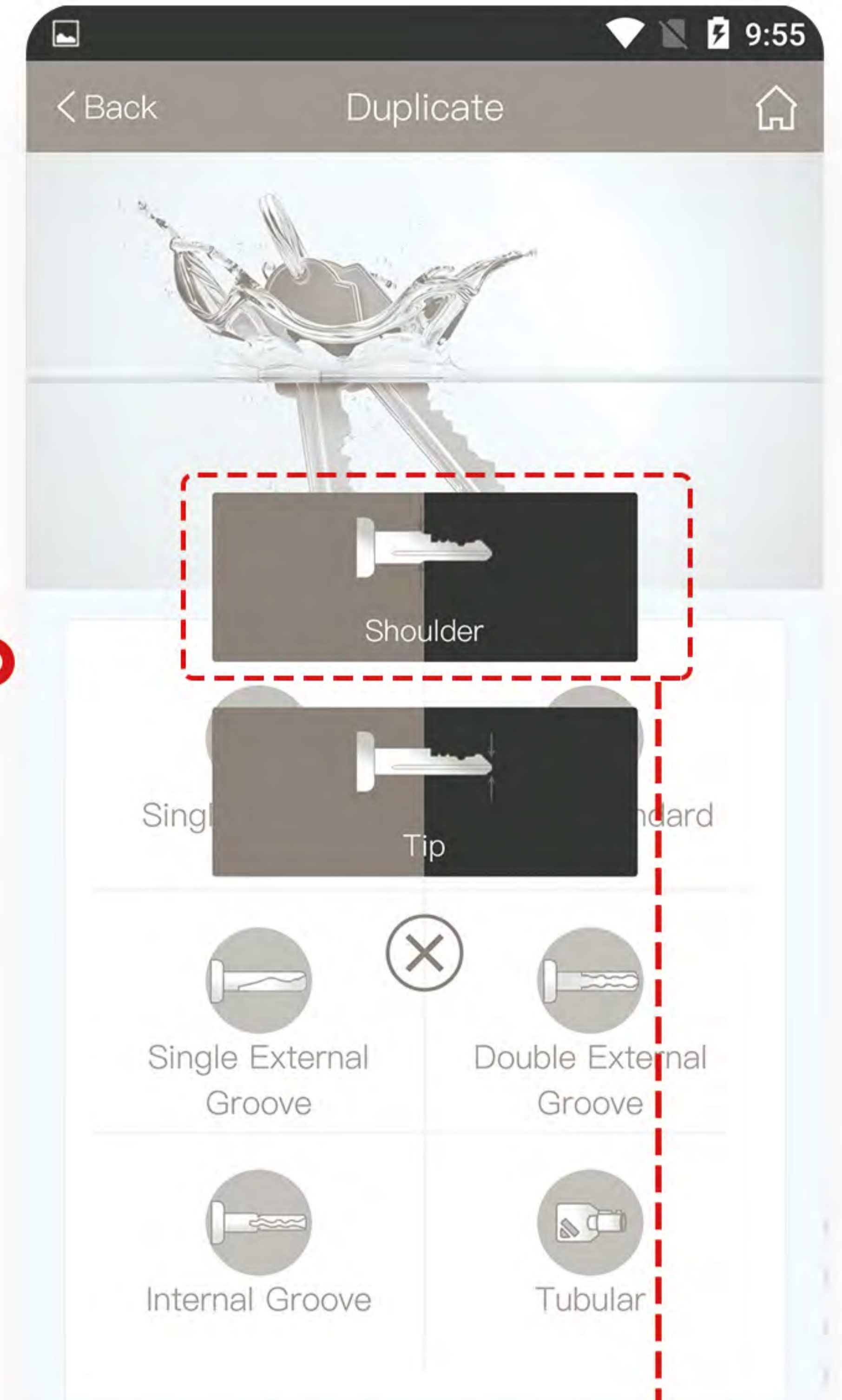
Step 1

Click "Duplicate" button in Home Page



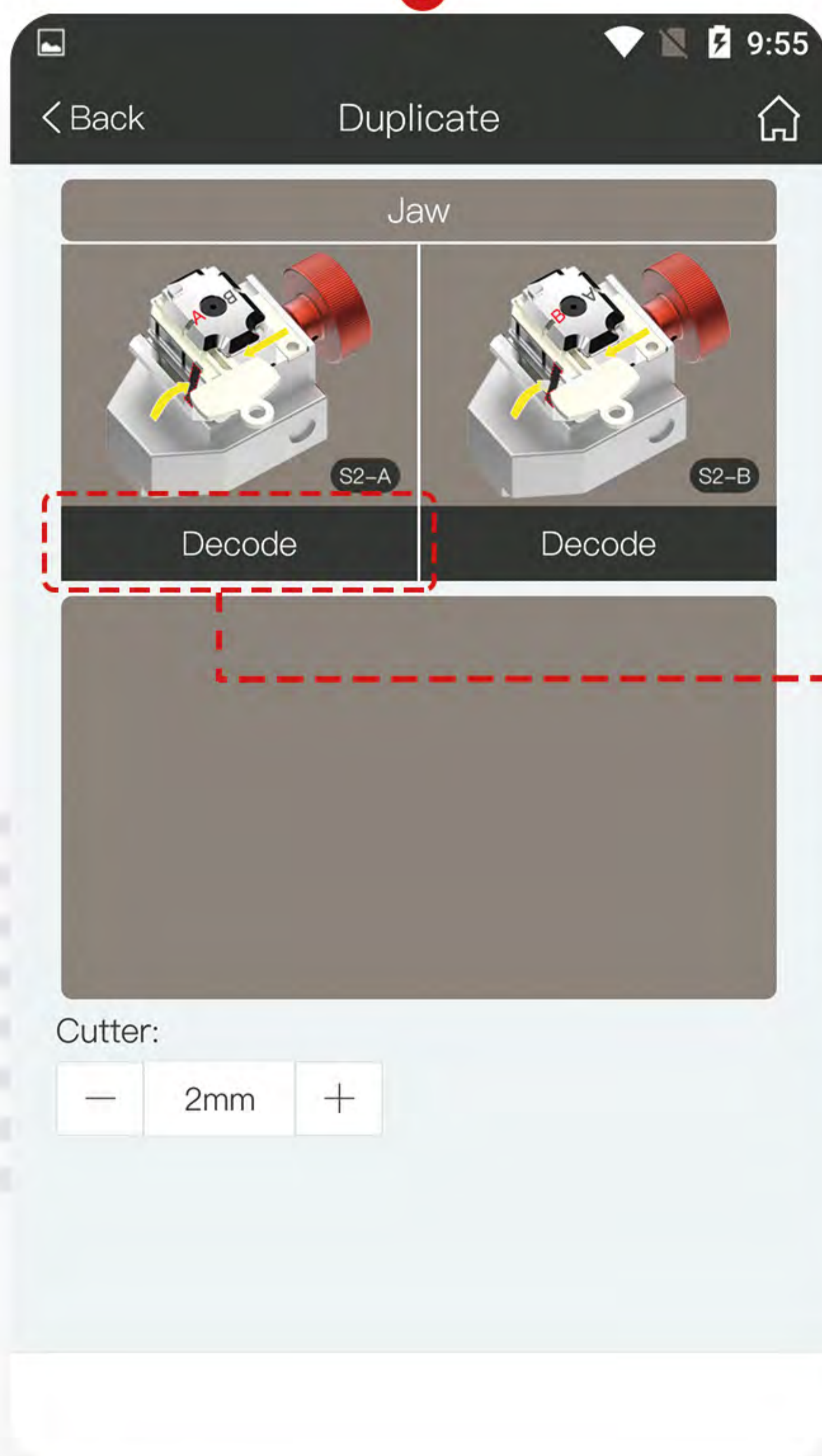
Step 2

Click "Single Standard" button



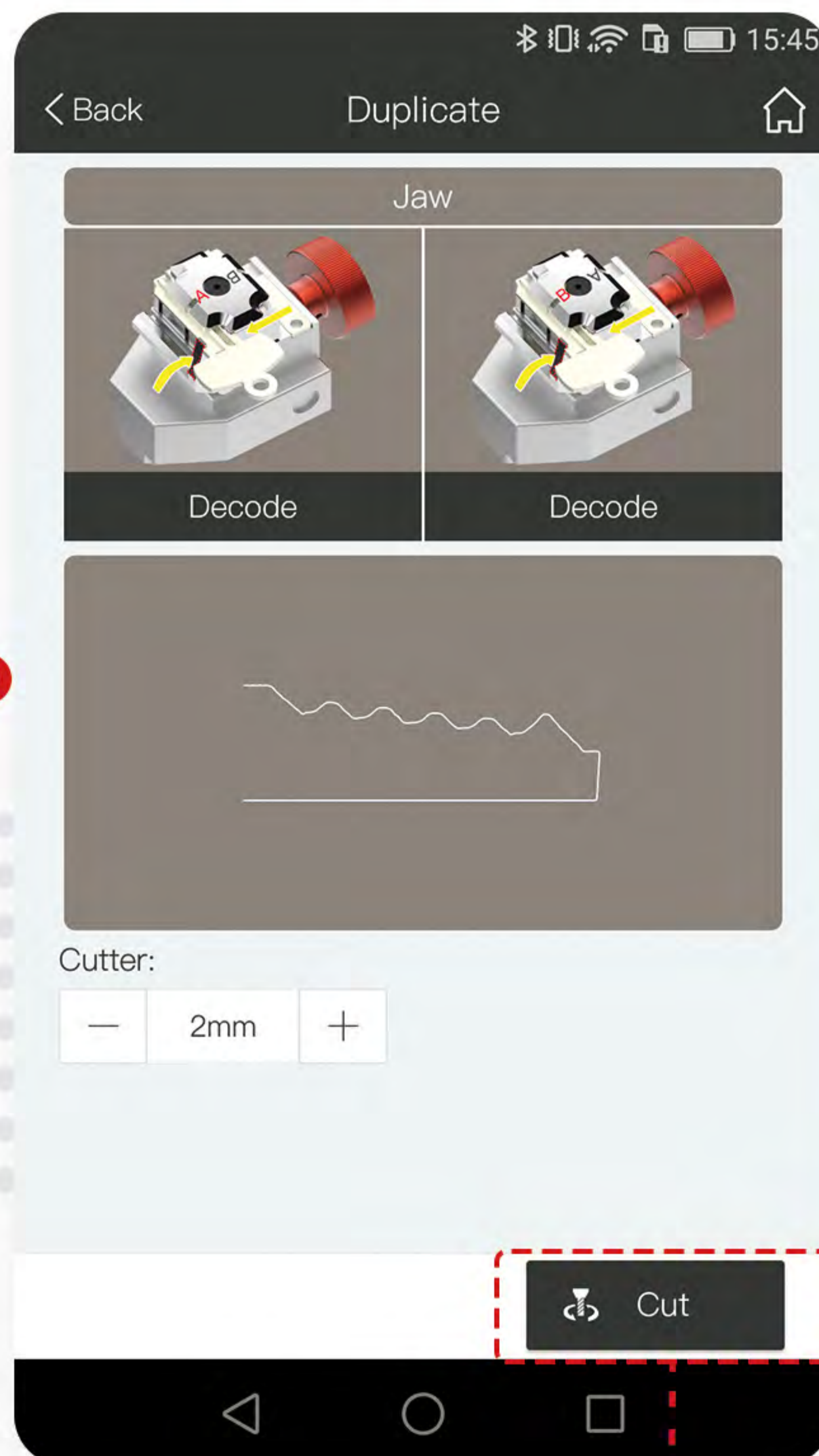
Step 3

Click "Shoulder" button



Step 4

Click "Jaw S2-A" button to start duplicating

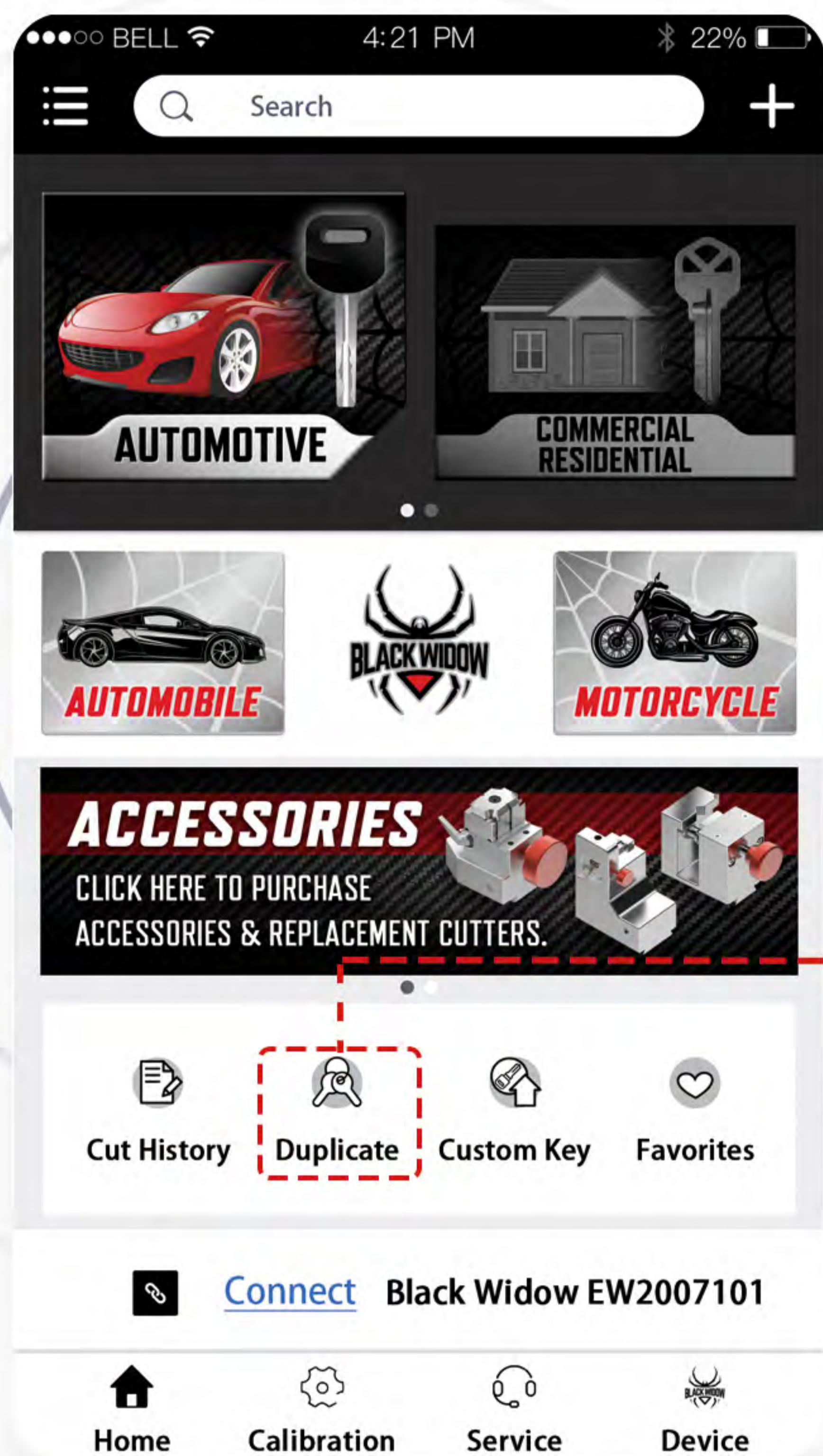


Step 5

Click "Cut" button after duplicating is done

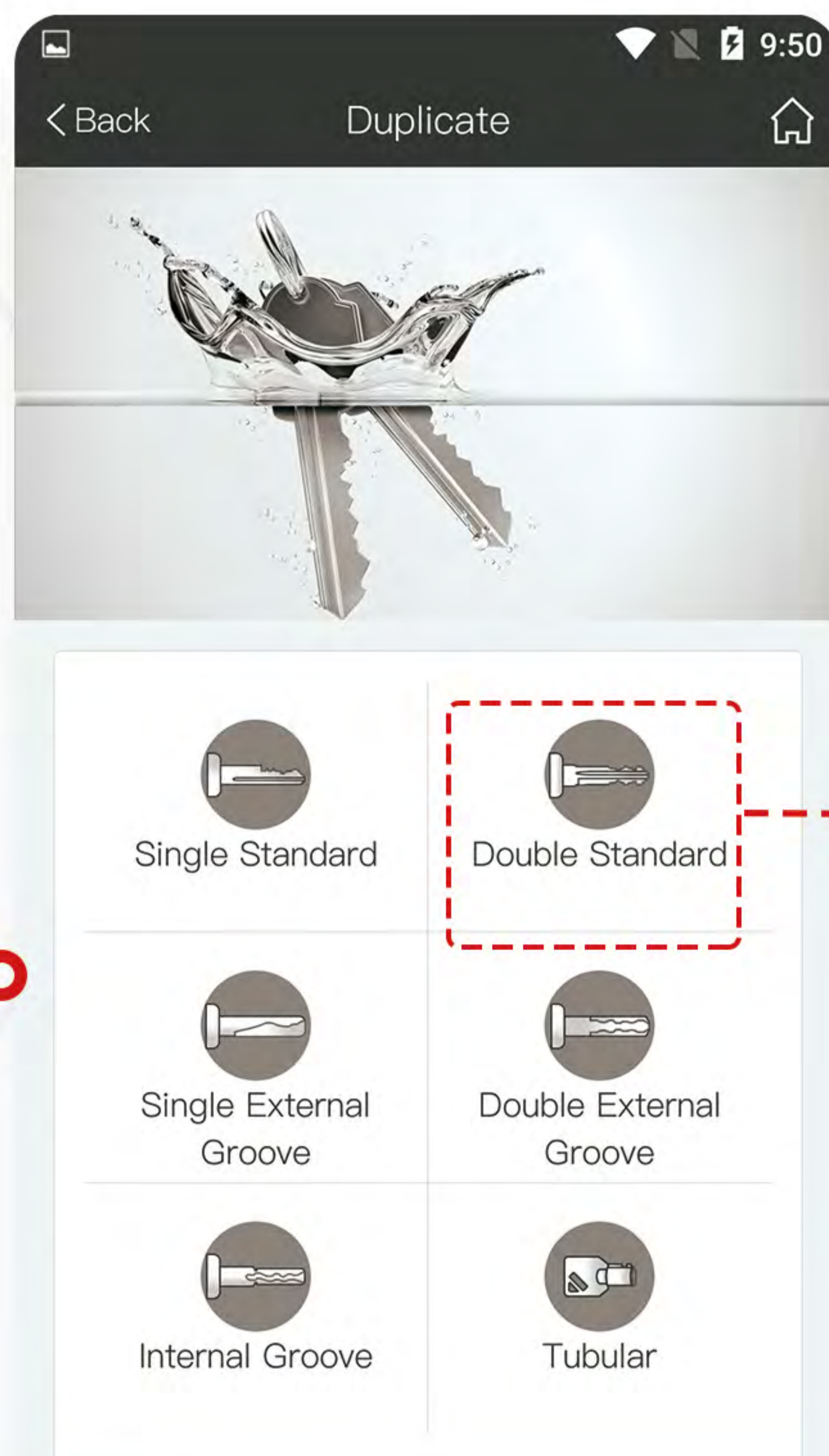
Duplicate

Double-Sided Edge-Cut Key



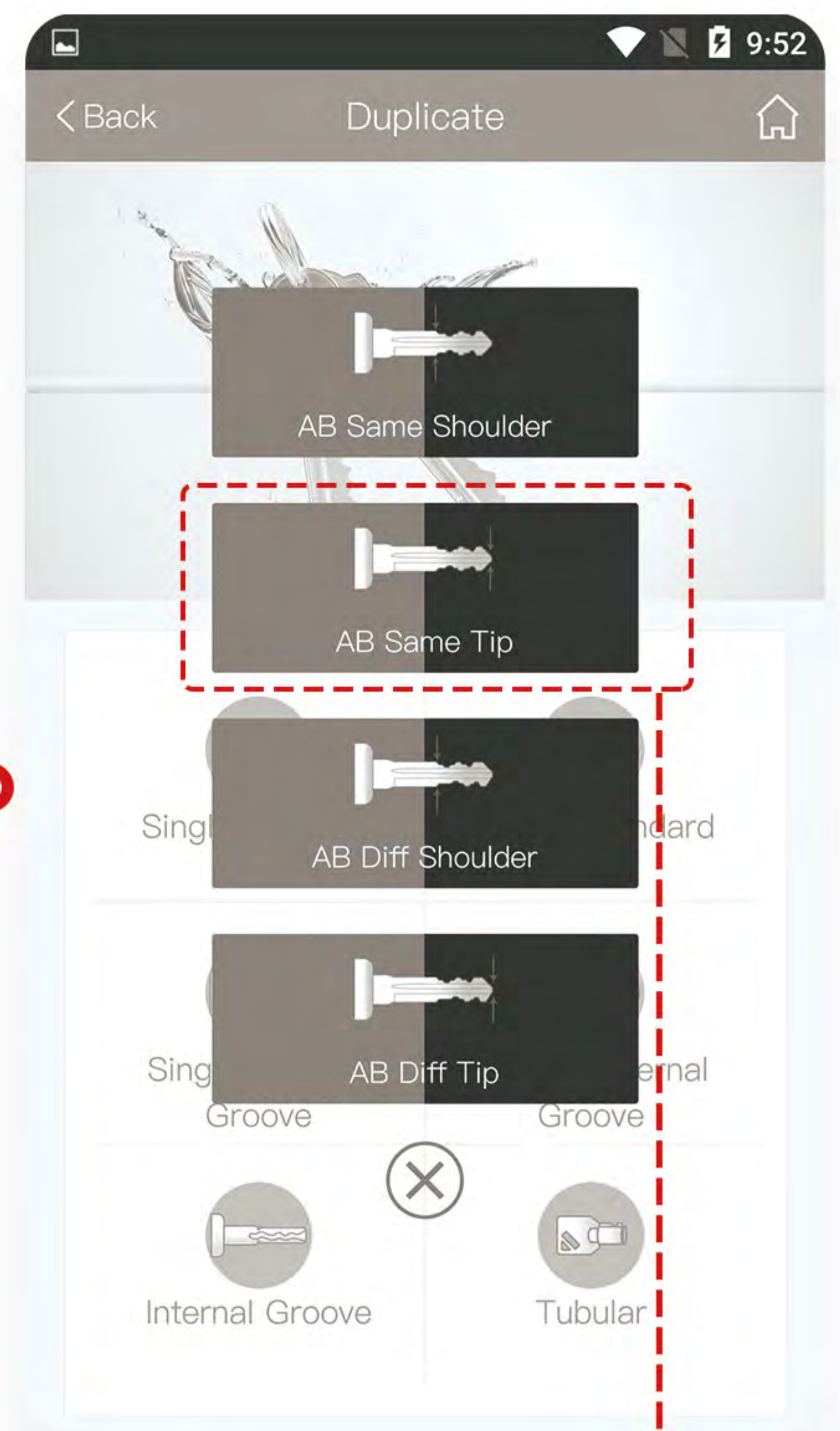
Step 1

Click "Duplicate" button in Home Page



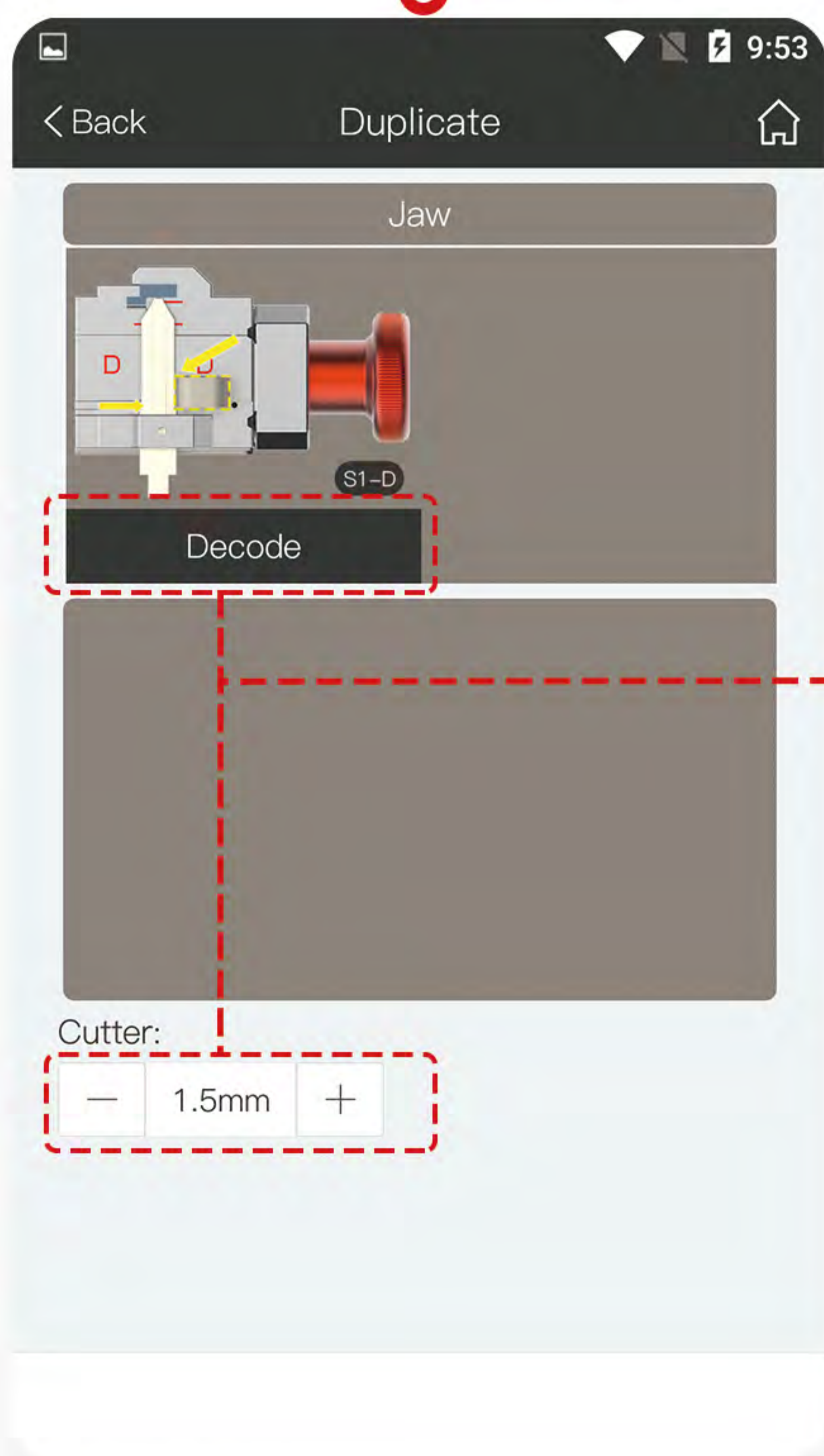
Step 2

Click "Double Standard" button



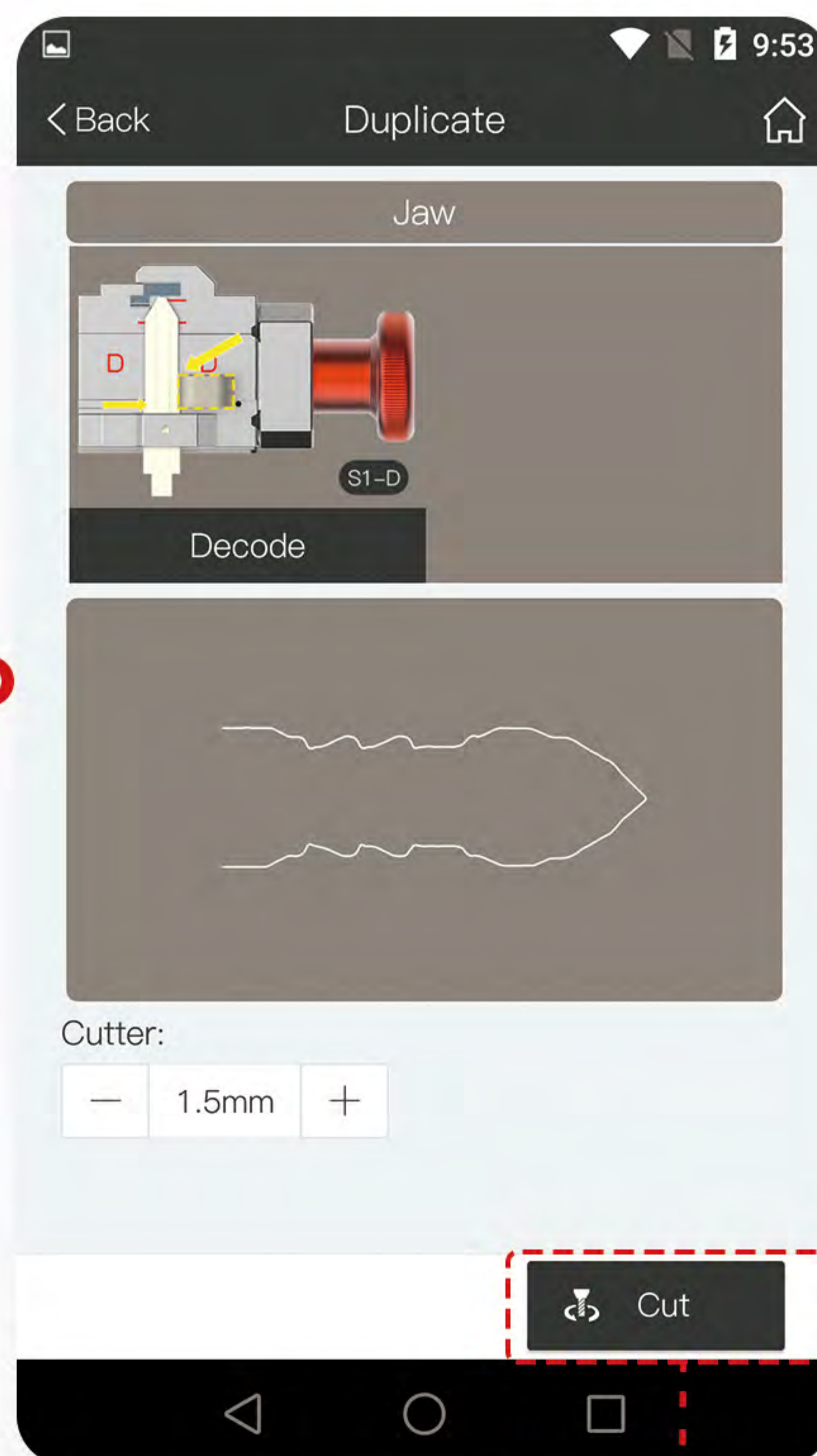
Step 3

Click "AB Same Tip" button



Step 4

Adjust cutter diameter value if need and click "Jaw S1-D" to start duplicating

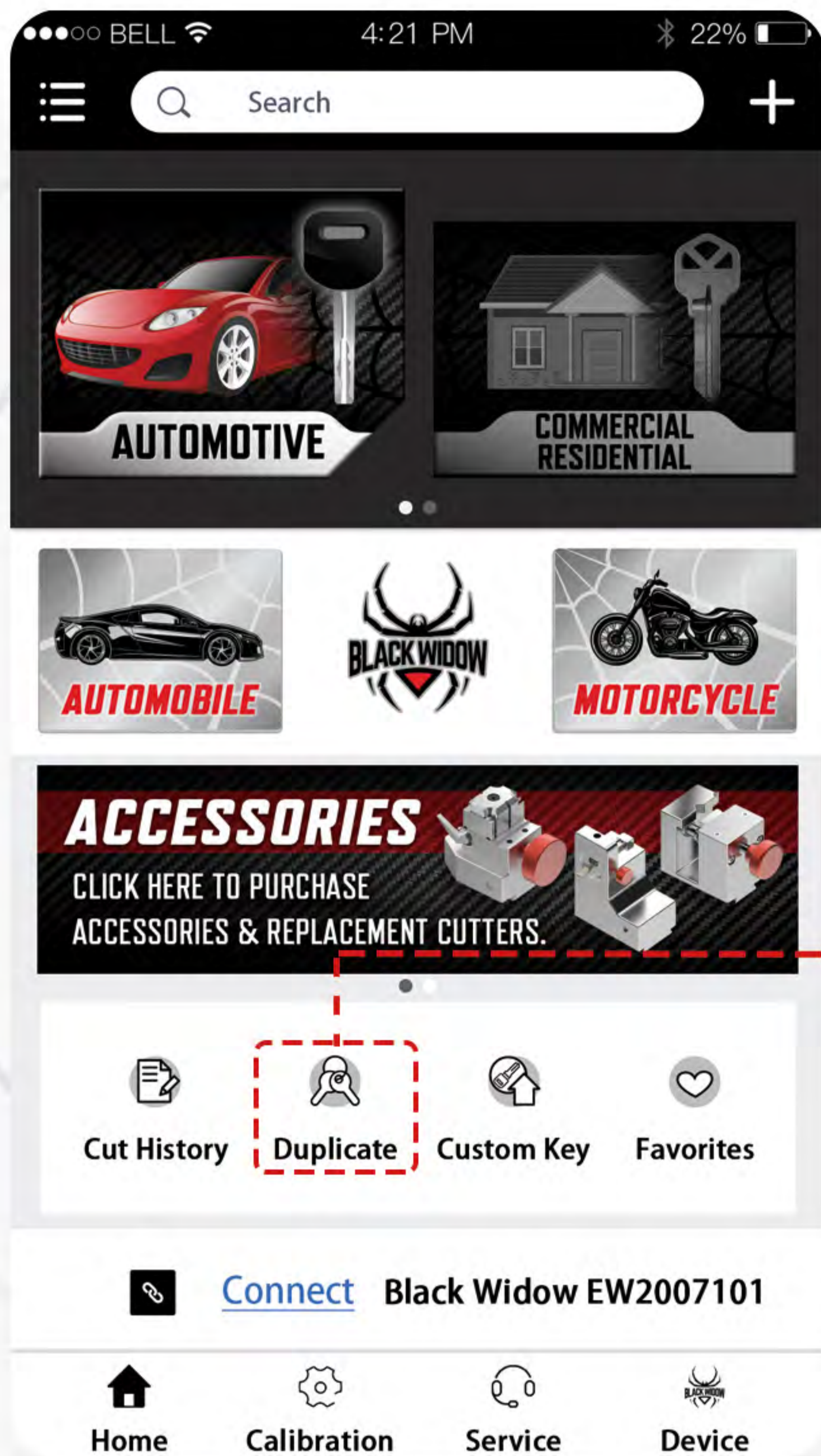


Step 5

Click "Cut" button after duplicating is done

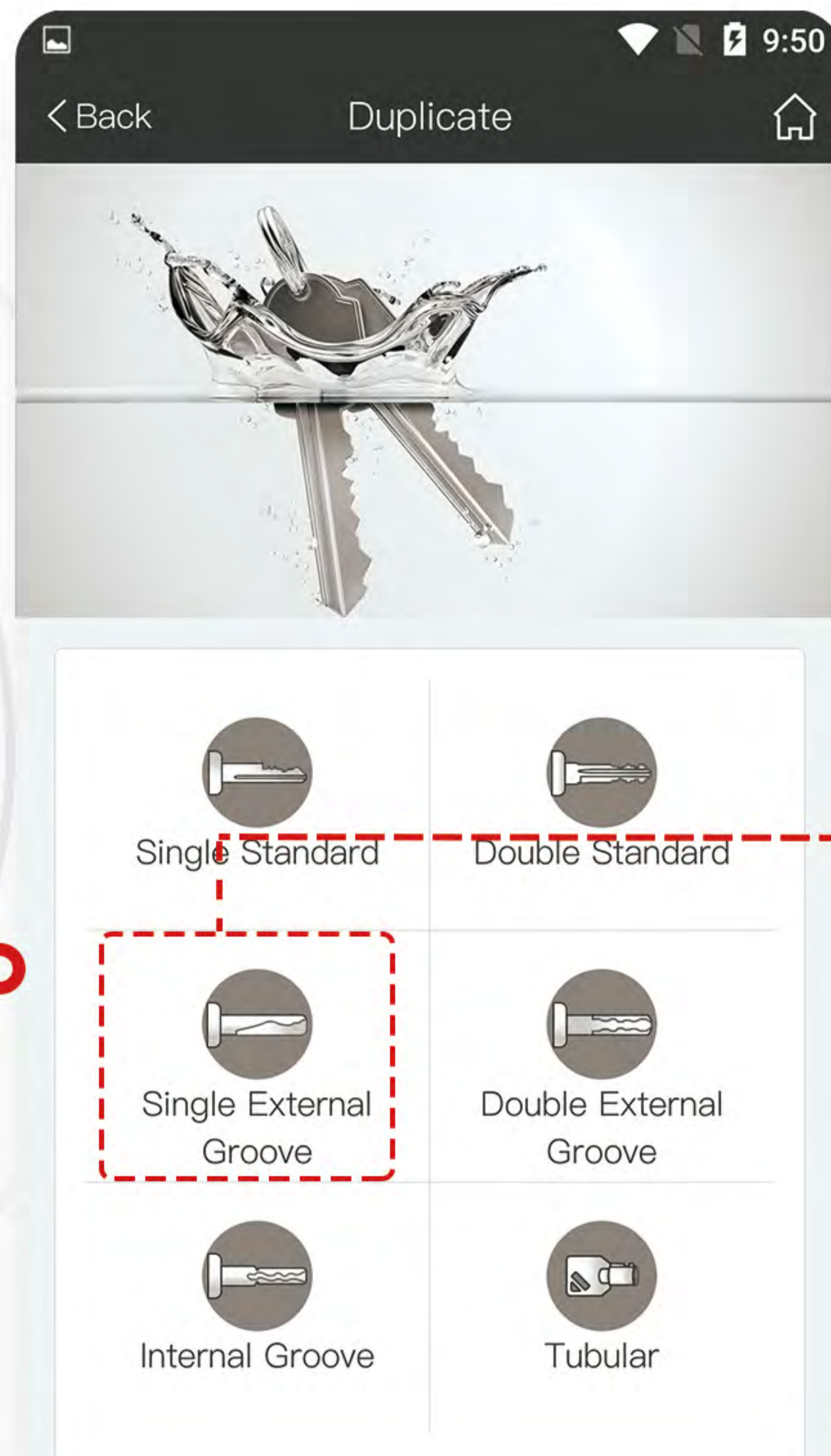
Duplicate

Single External Laser-Cut Key



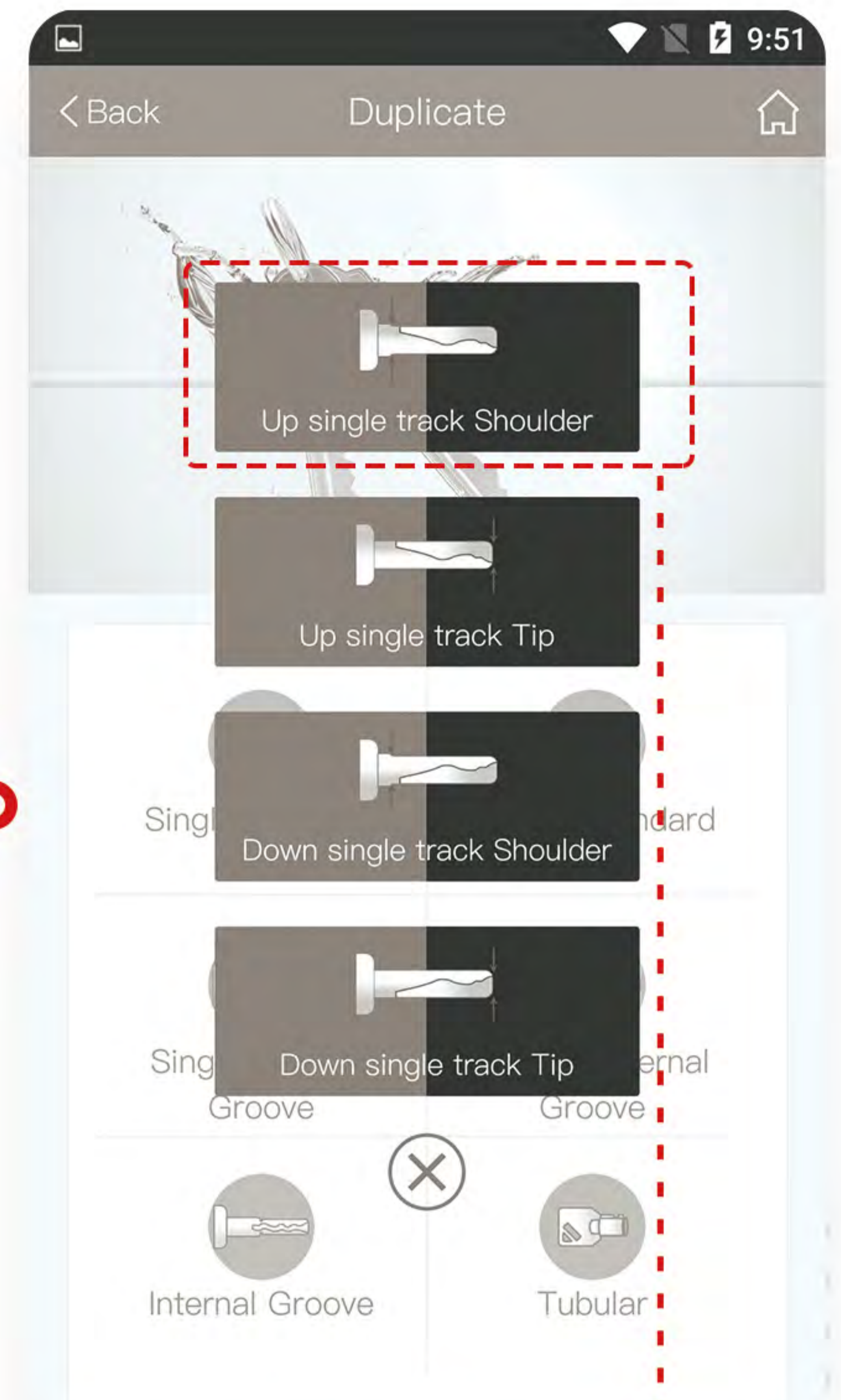
Step 1

Click "Duplicate"
button in Home Page



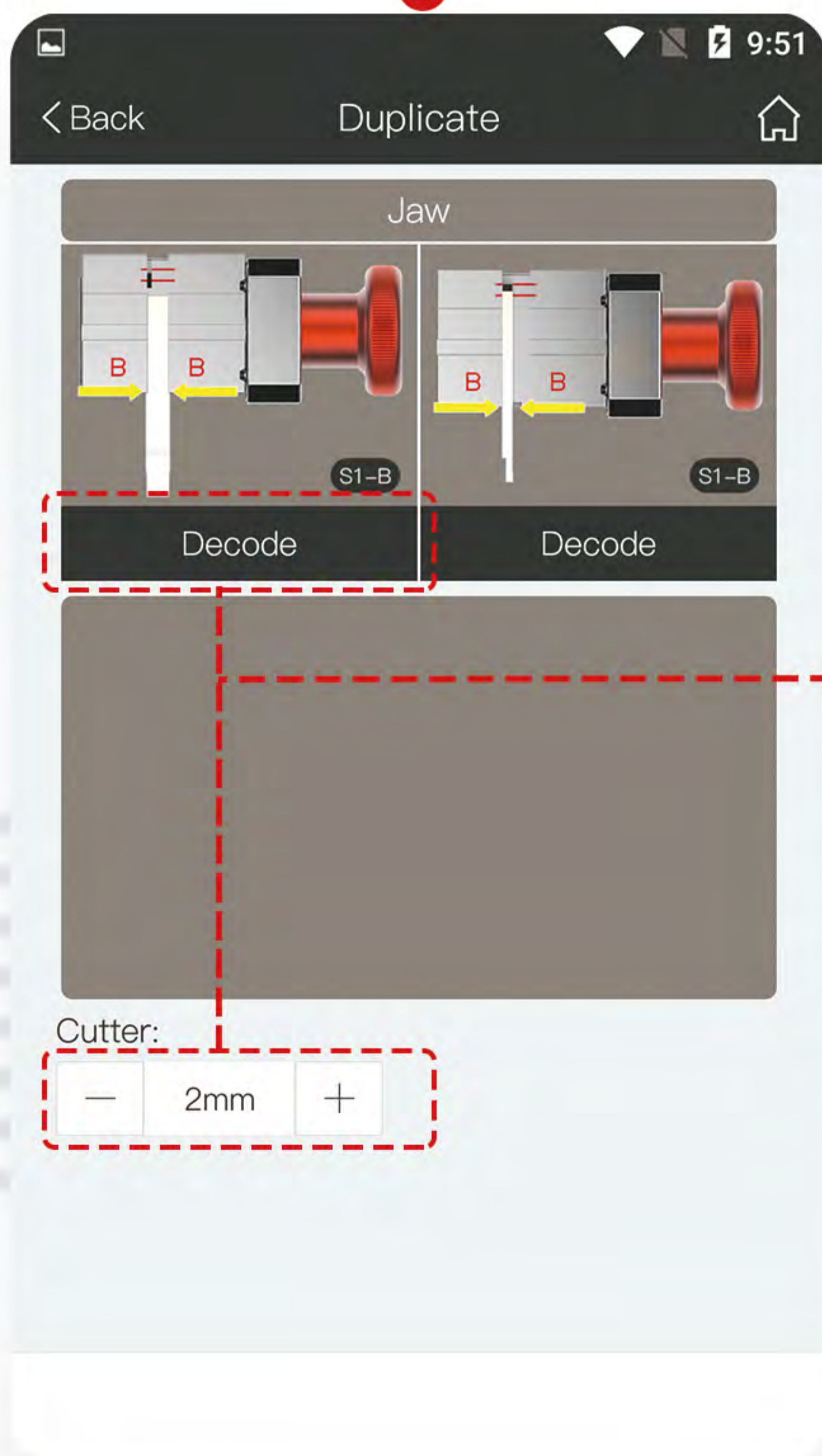
Step 2

Click "Single External Groove"
button



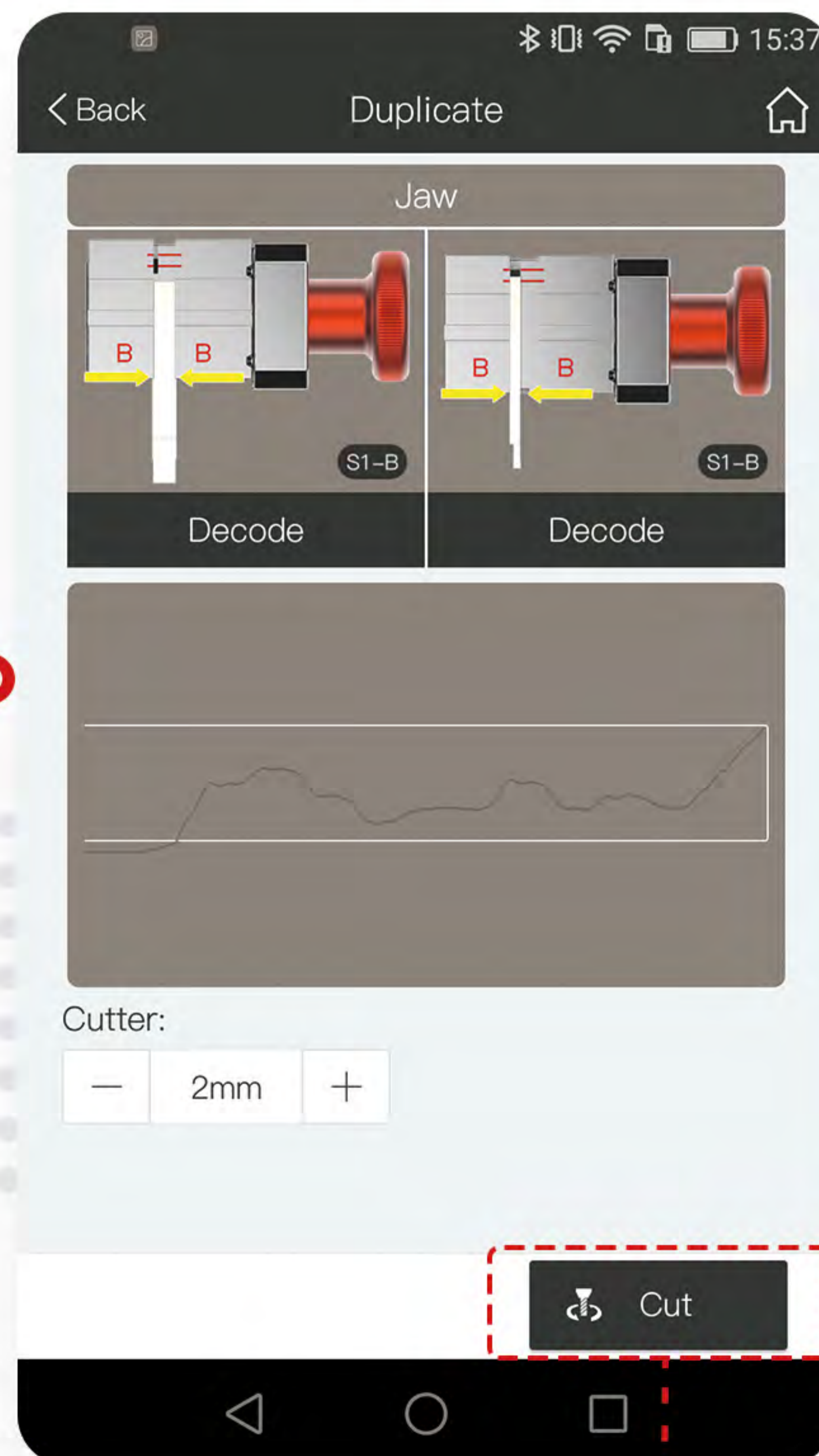
Step 3

Click "Up Single Track
Shoulder" button



Step 4

Adjust cutter diameter value if
need and click "Jaw S1-B" to
start duplicating

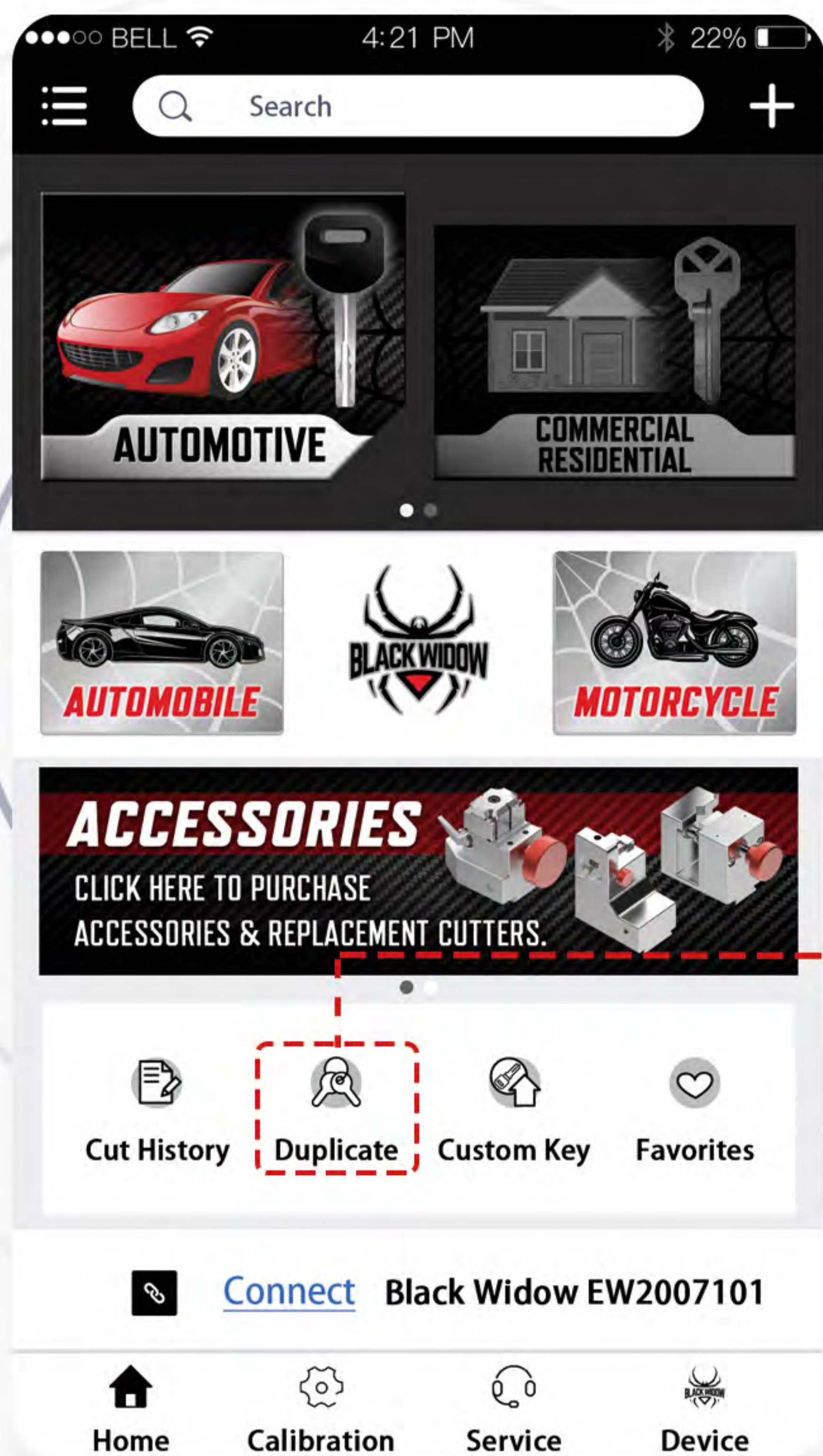


Step 5

Click "Cut" button after duplicating
is done

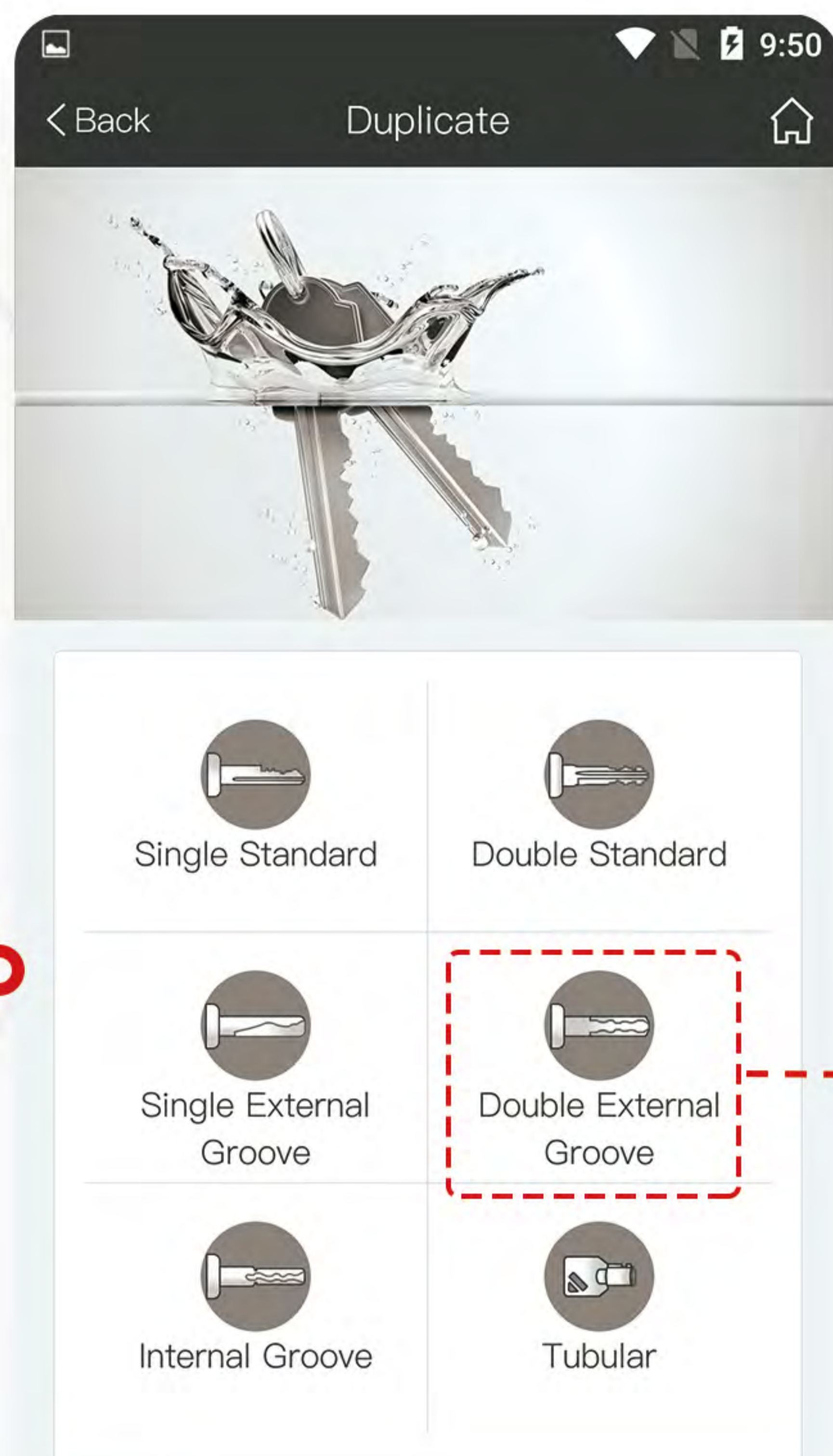
Duplicate

Double External Laser-Cut key



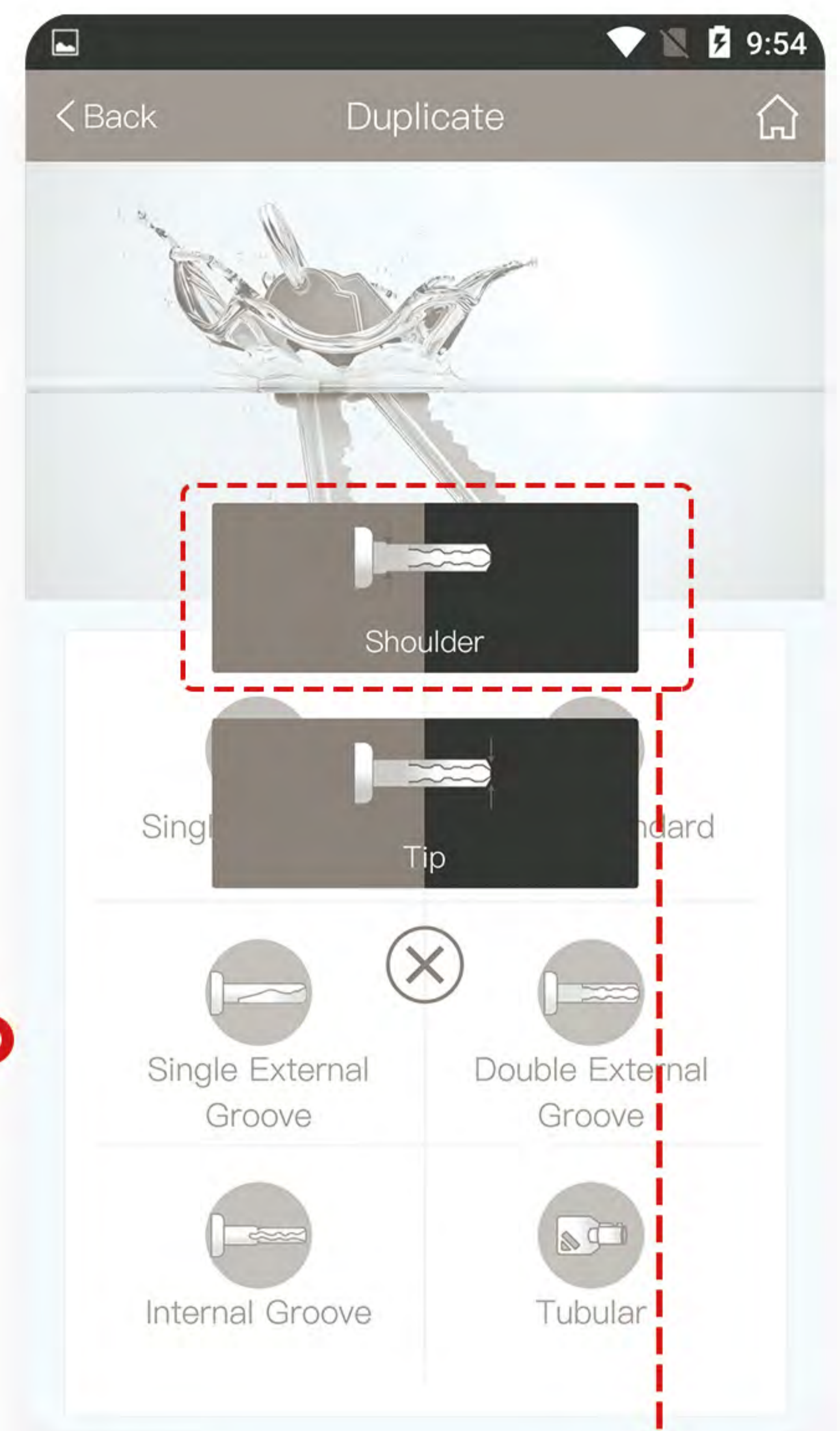
Step 1

Click "Duplicate" button in Home Page



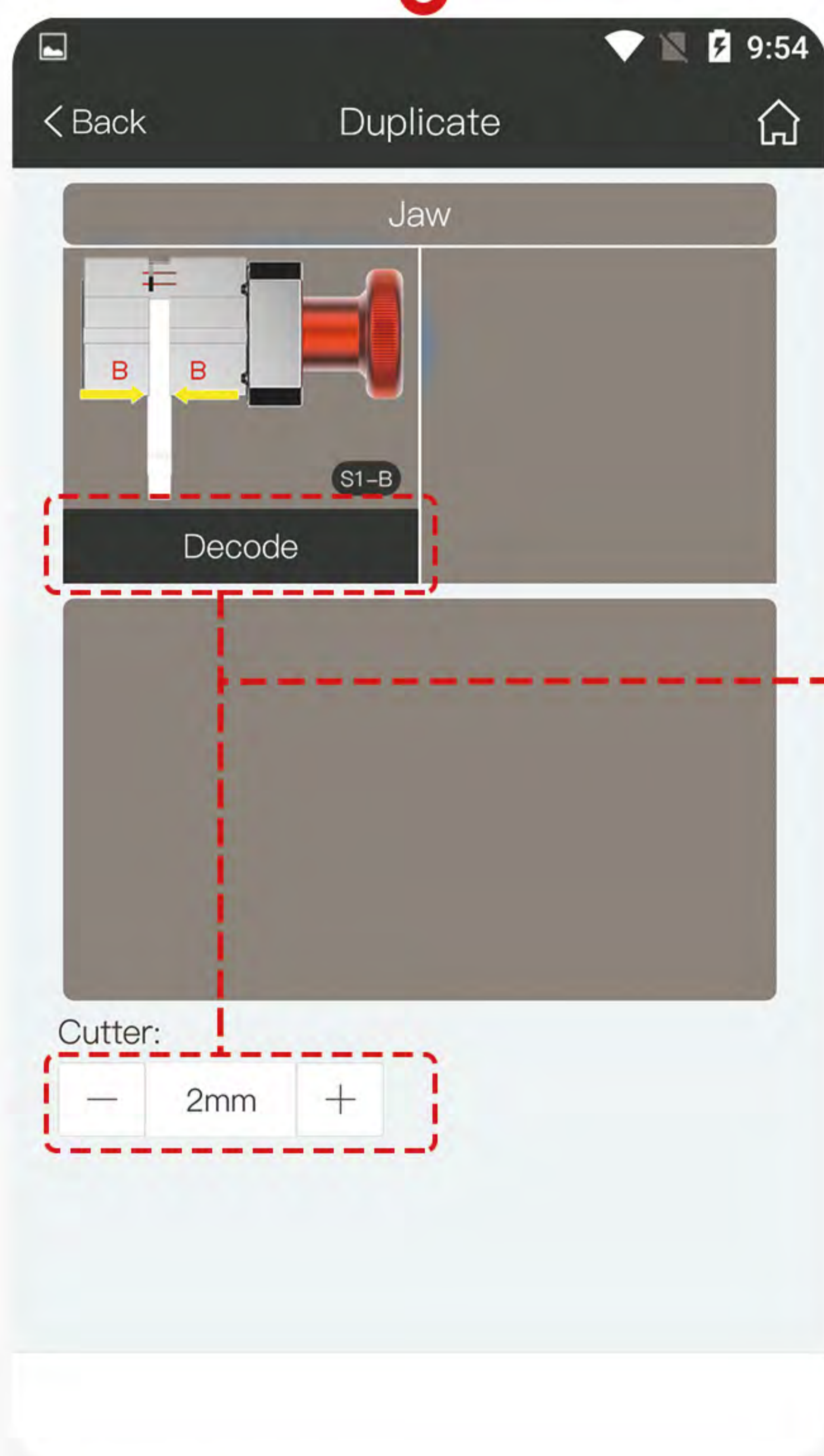
Step 2

Click "Double External Groove" button



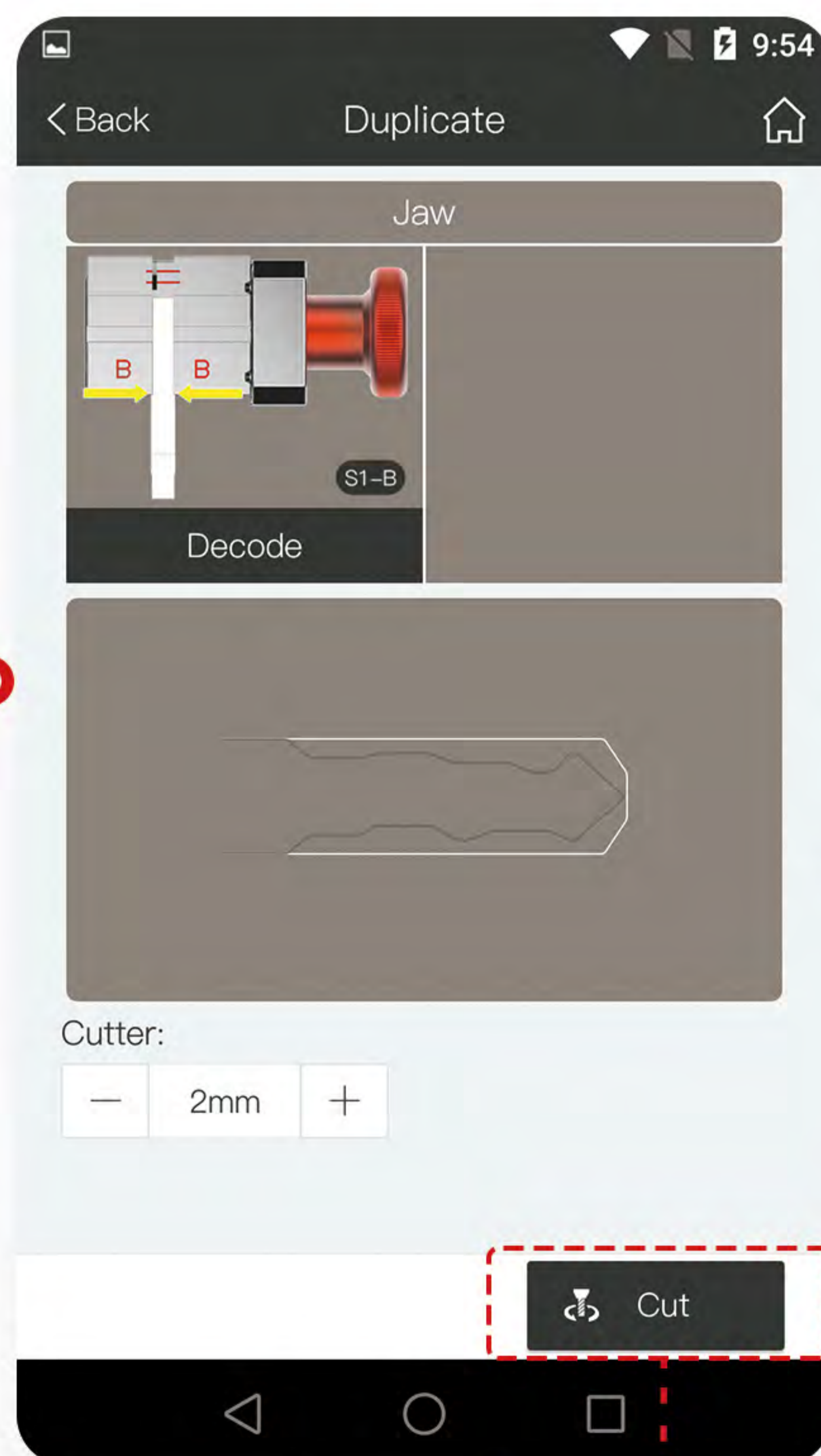
Step 3

Click "Shoulder" button



Step 4

Adjust cutter diameter value if need and click "Jaw S1-B" to start duplicating

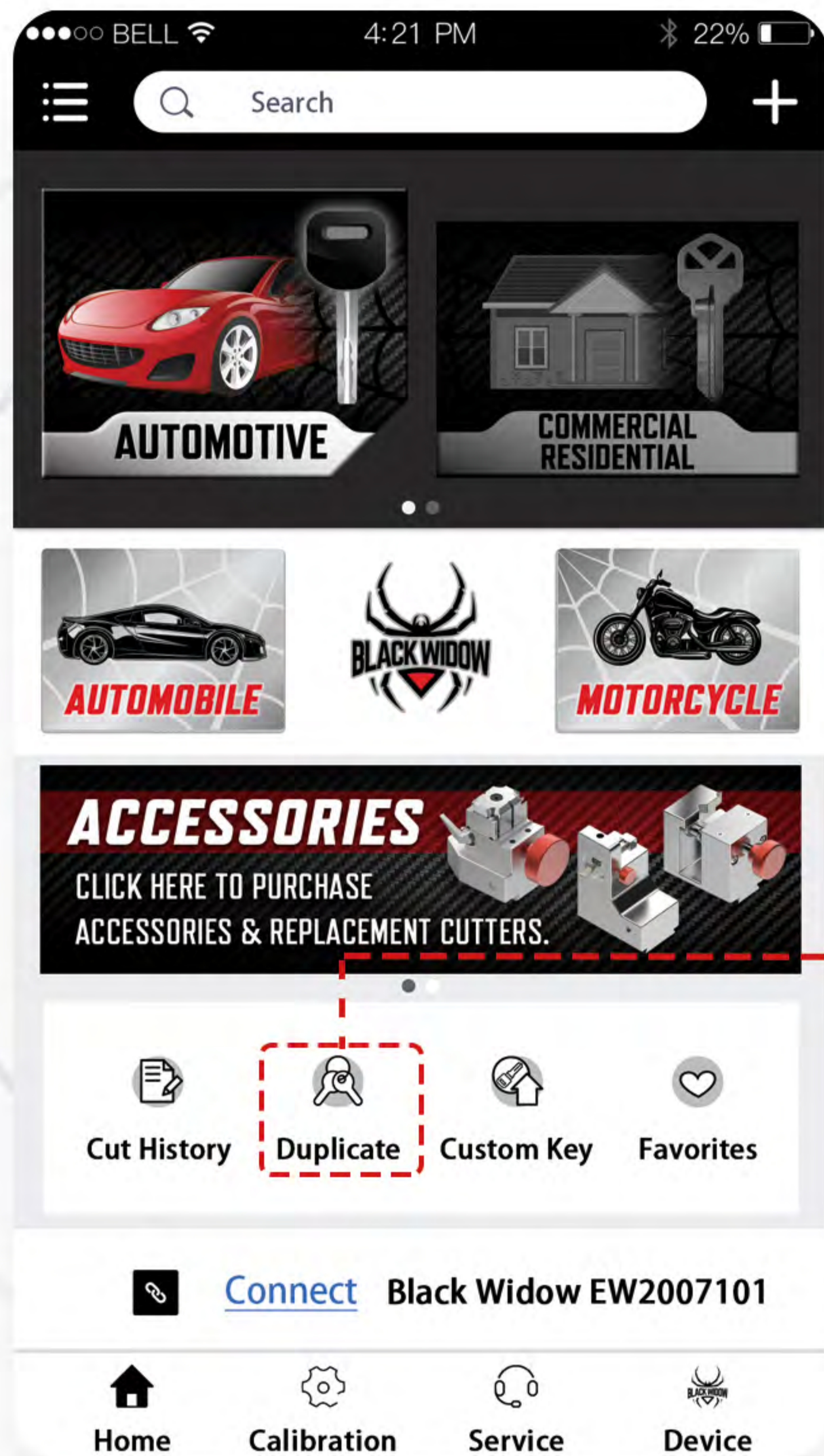


Step 5

Click "Cut" button after duplicating is done

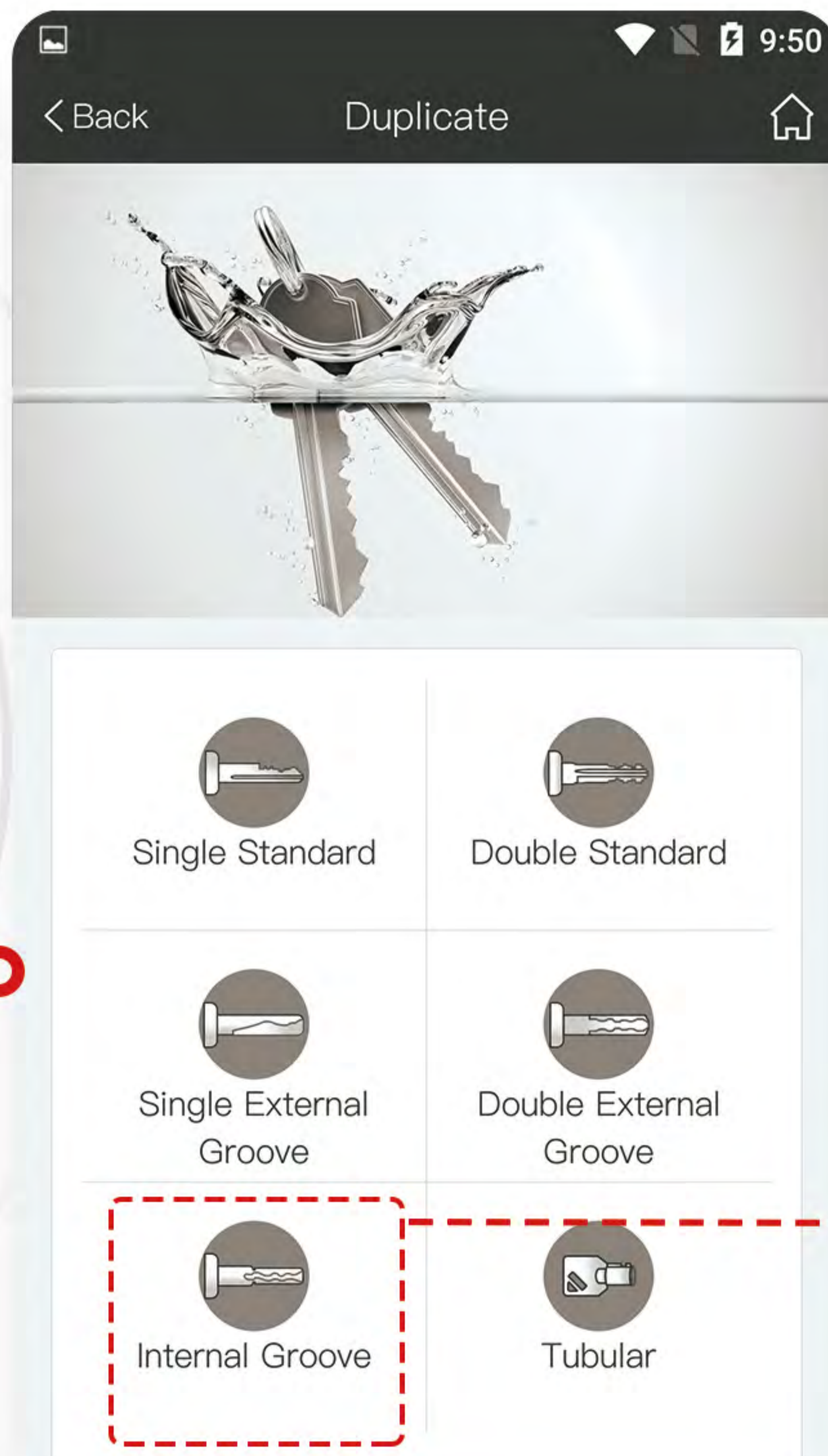
Duplicate

Internal Laser-Cut Key



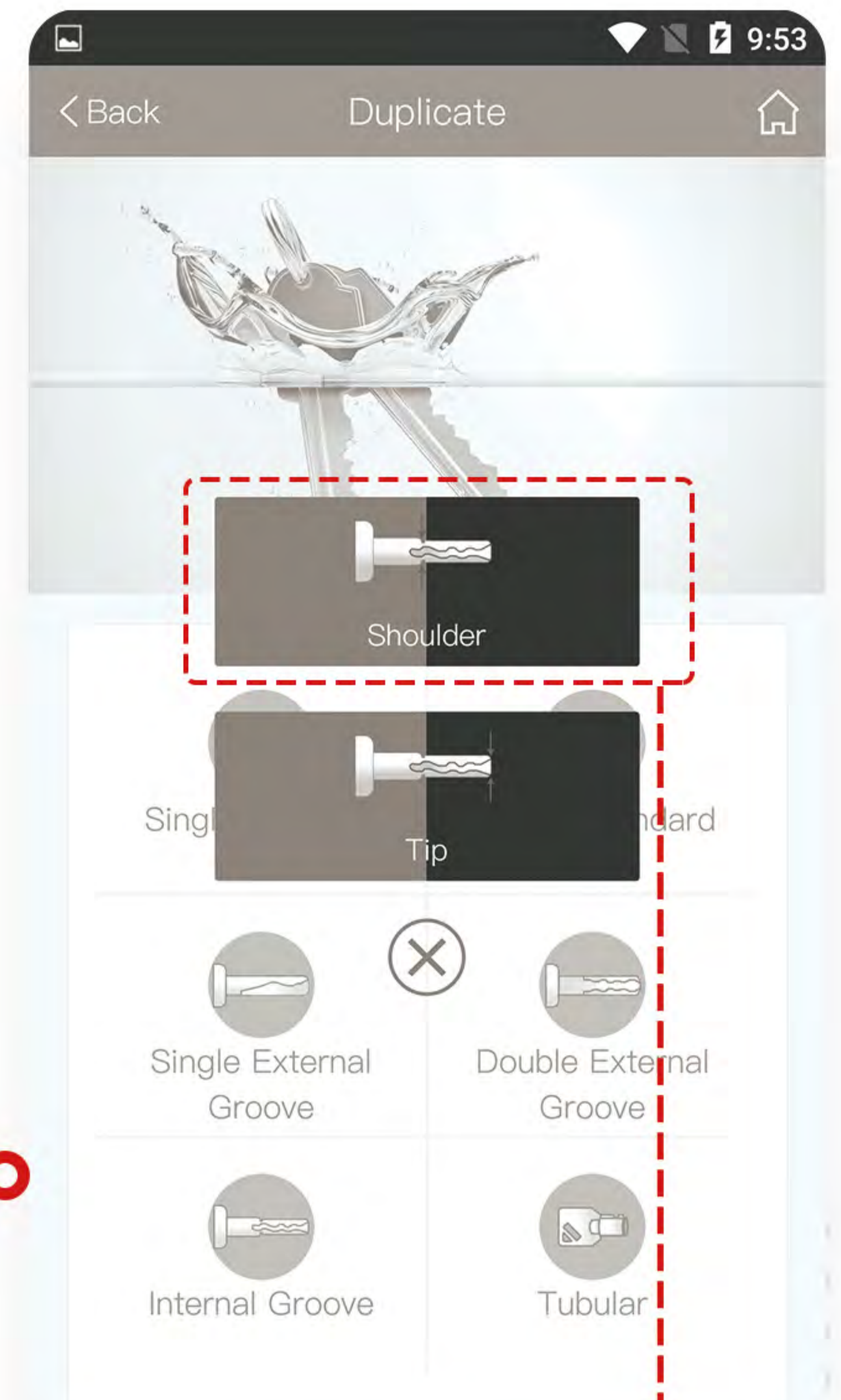
Step 1

Click "Duplicate"
button in Home Page



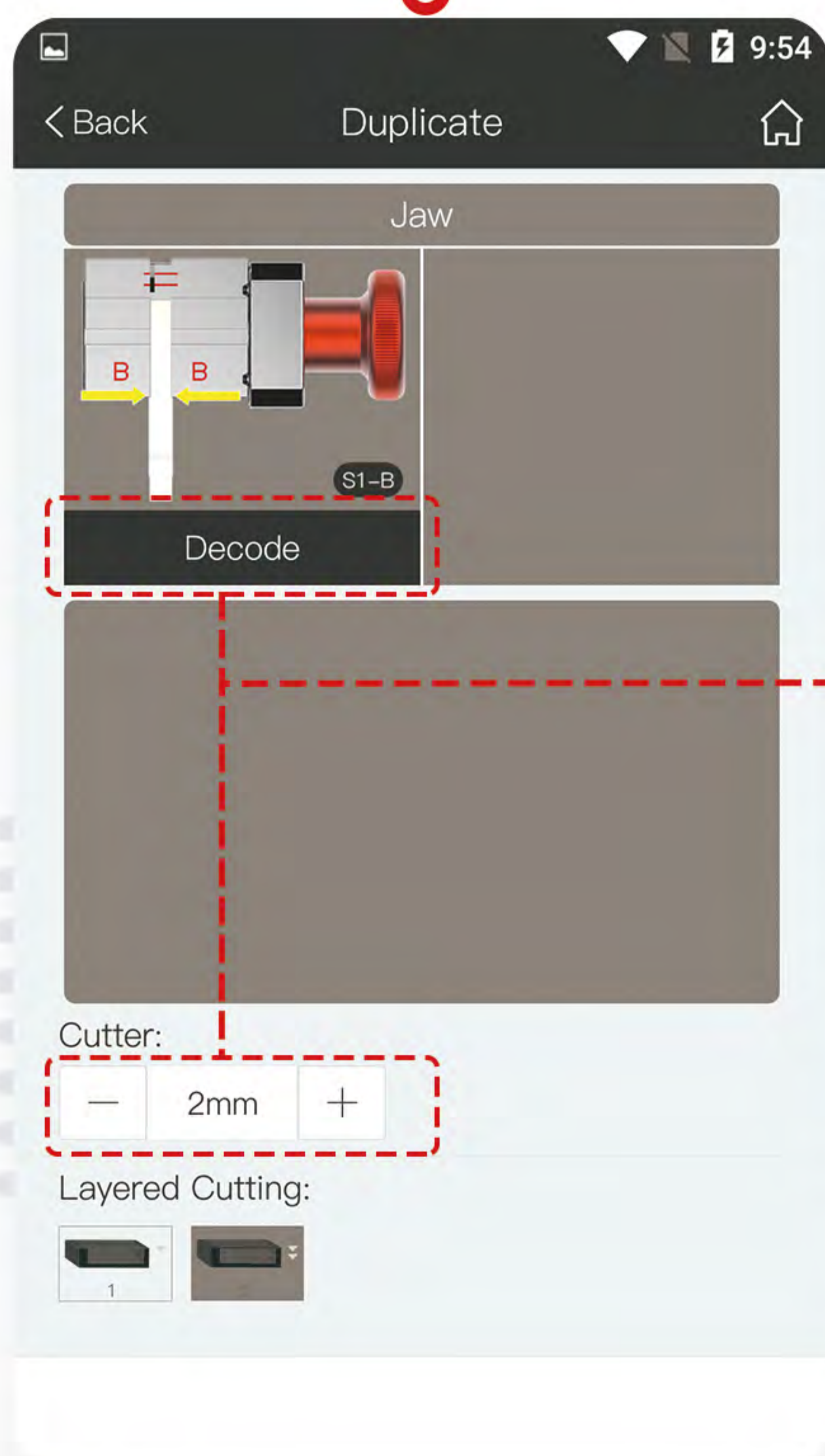
Step 2

Click "Internal Groove" button



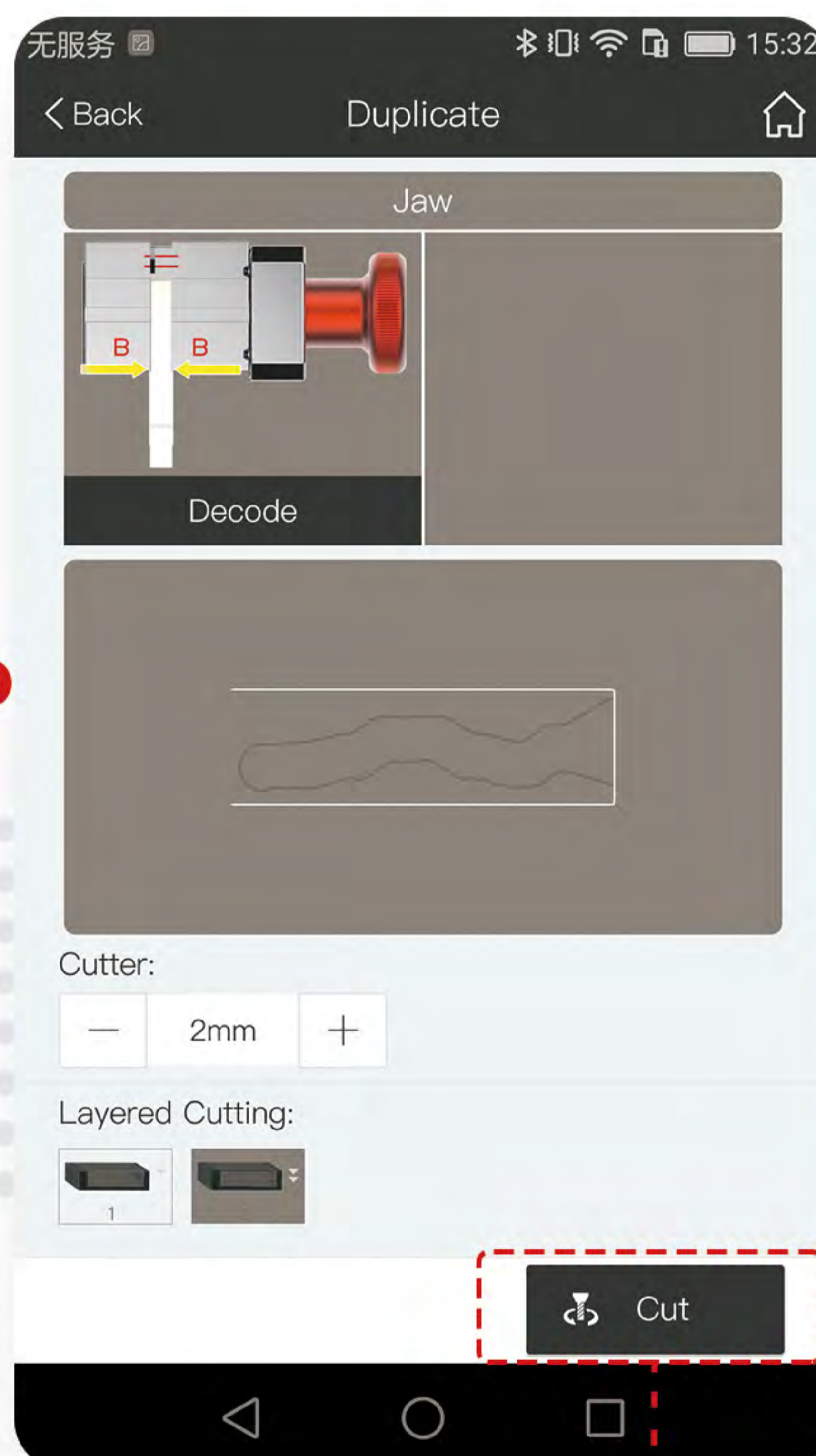
Step 3

Click "Shoulder" button



Step 4

Adjust cutter diameter value if
need and click "Jaw S1-B" to start
duplicating

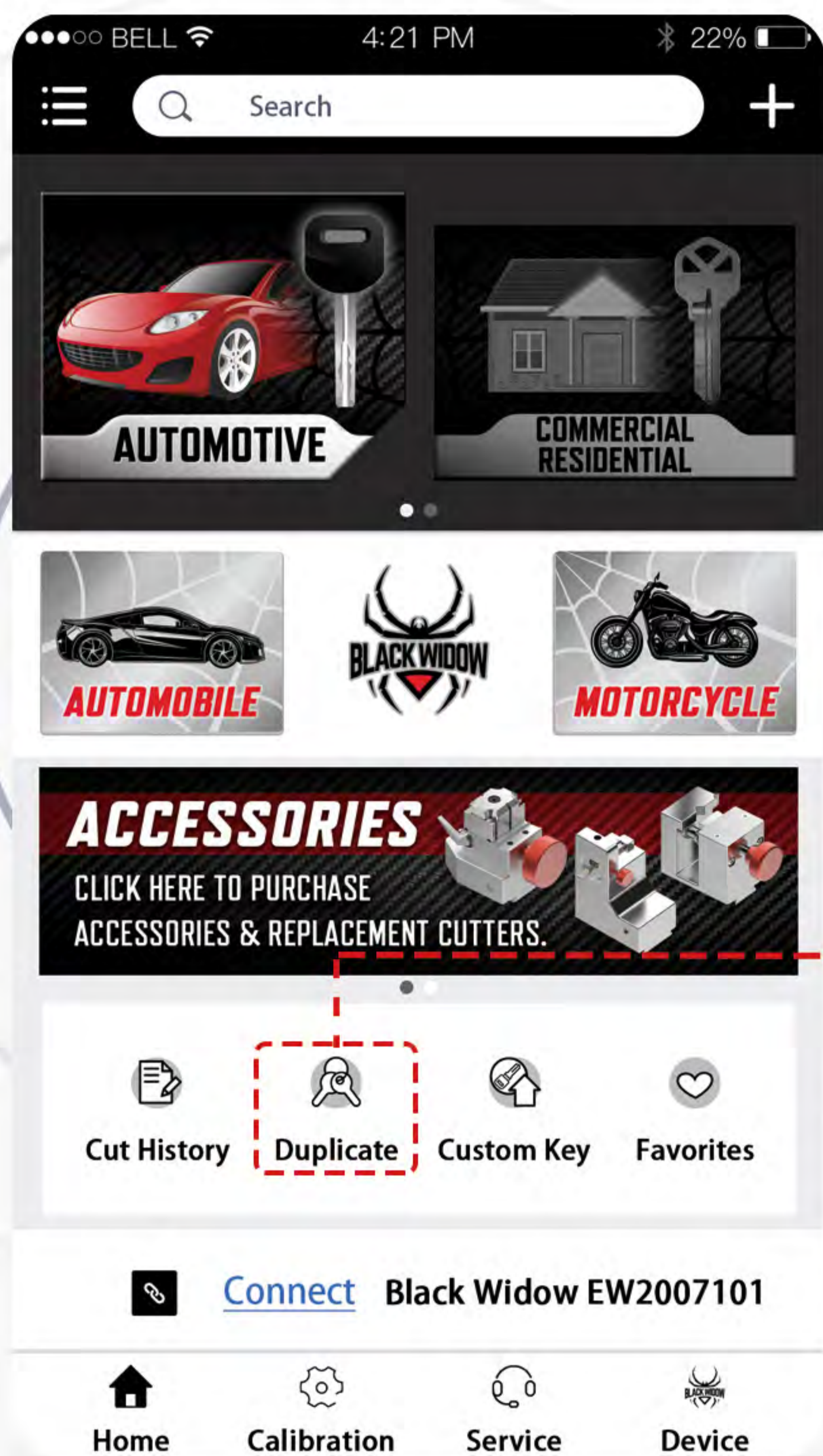


Step 5

Click "Cut" button after duplicating
is done

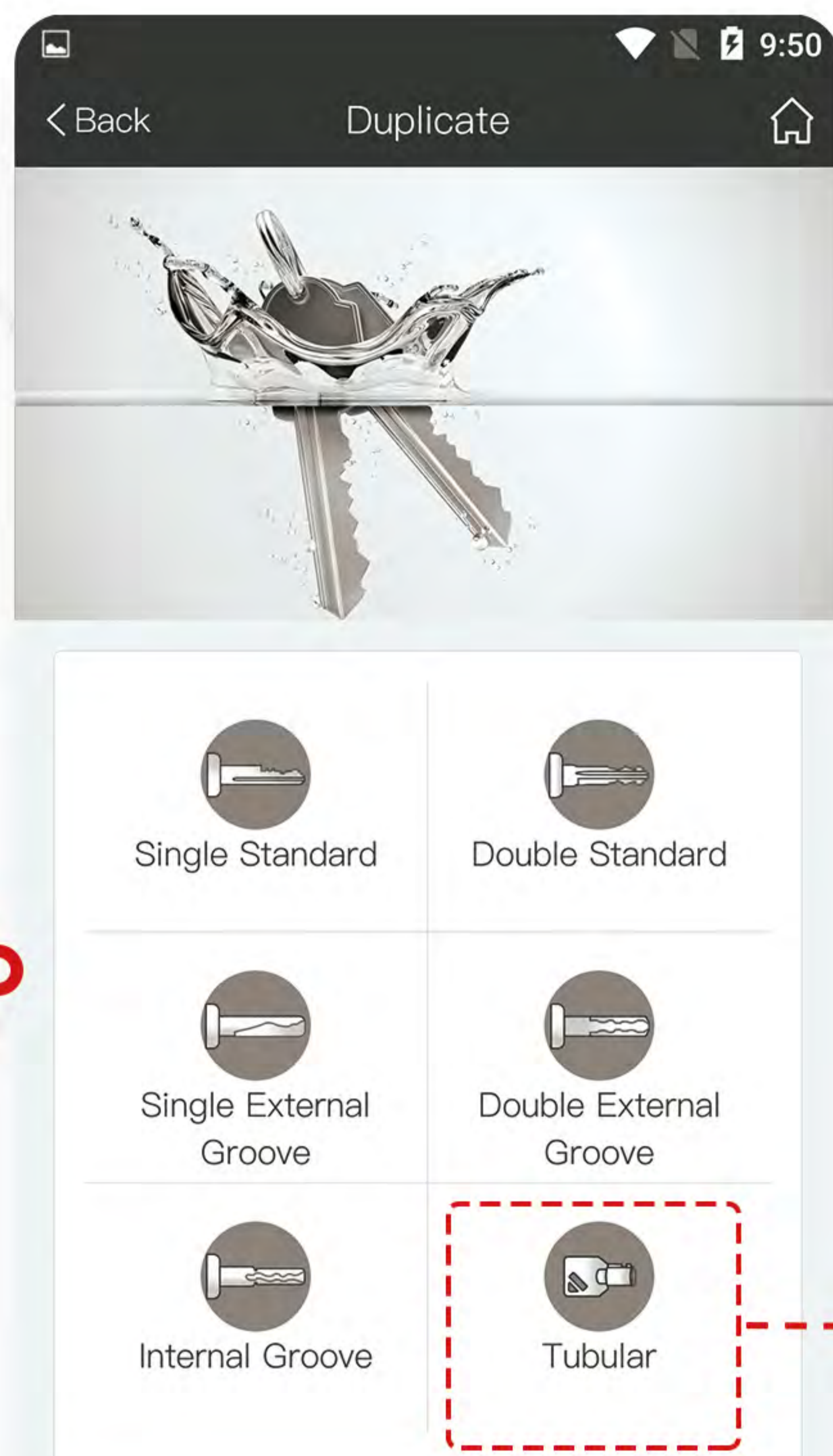
Duplicate

Tubular Key



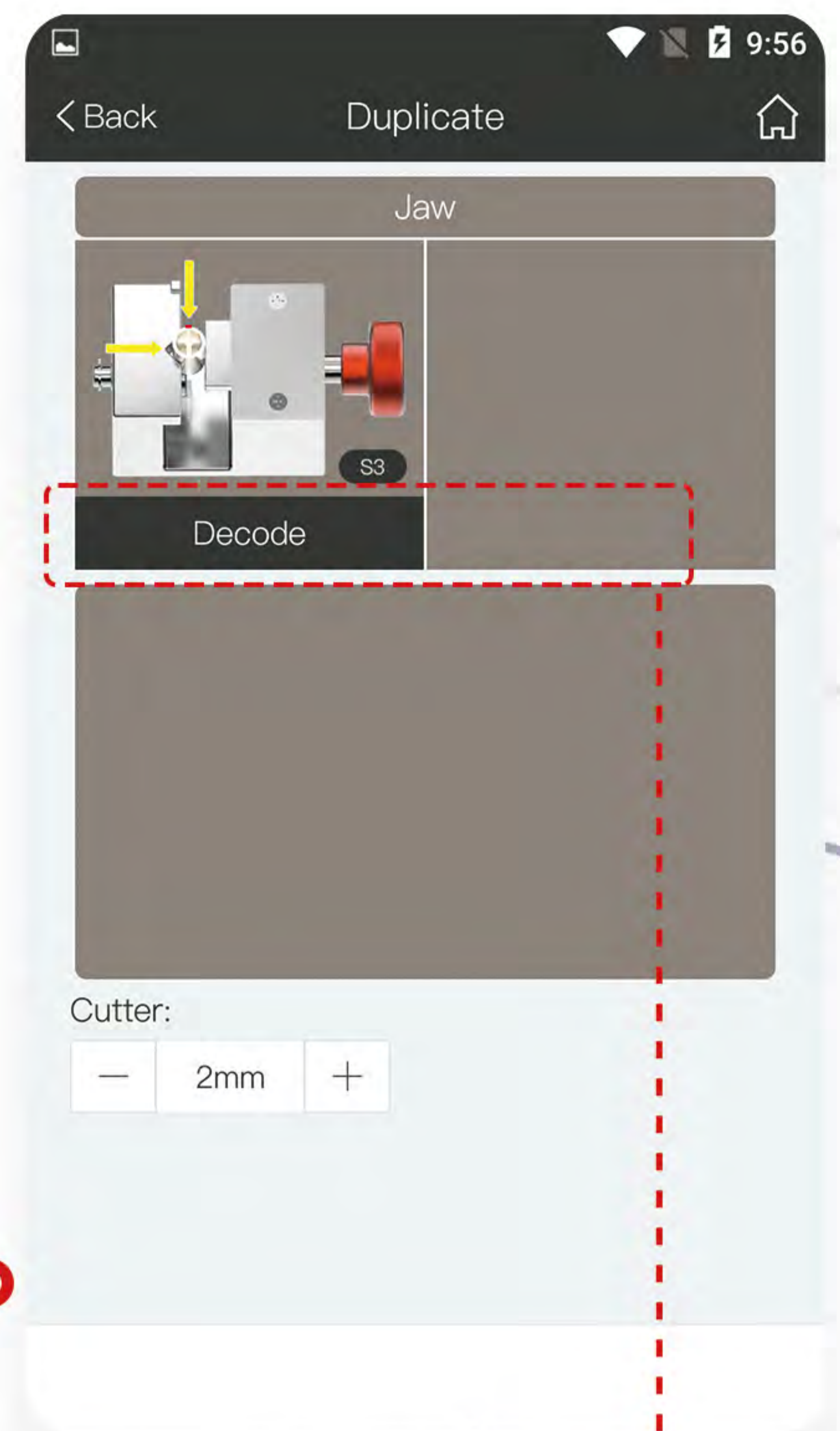
Step 1

Click "Duplicate" button in Home Page



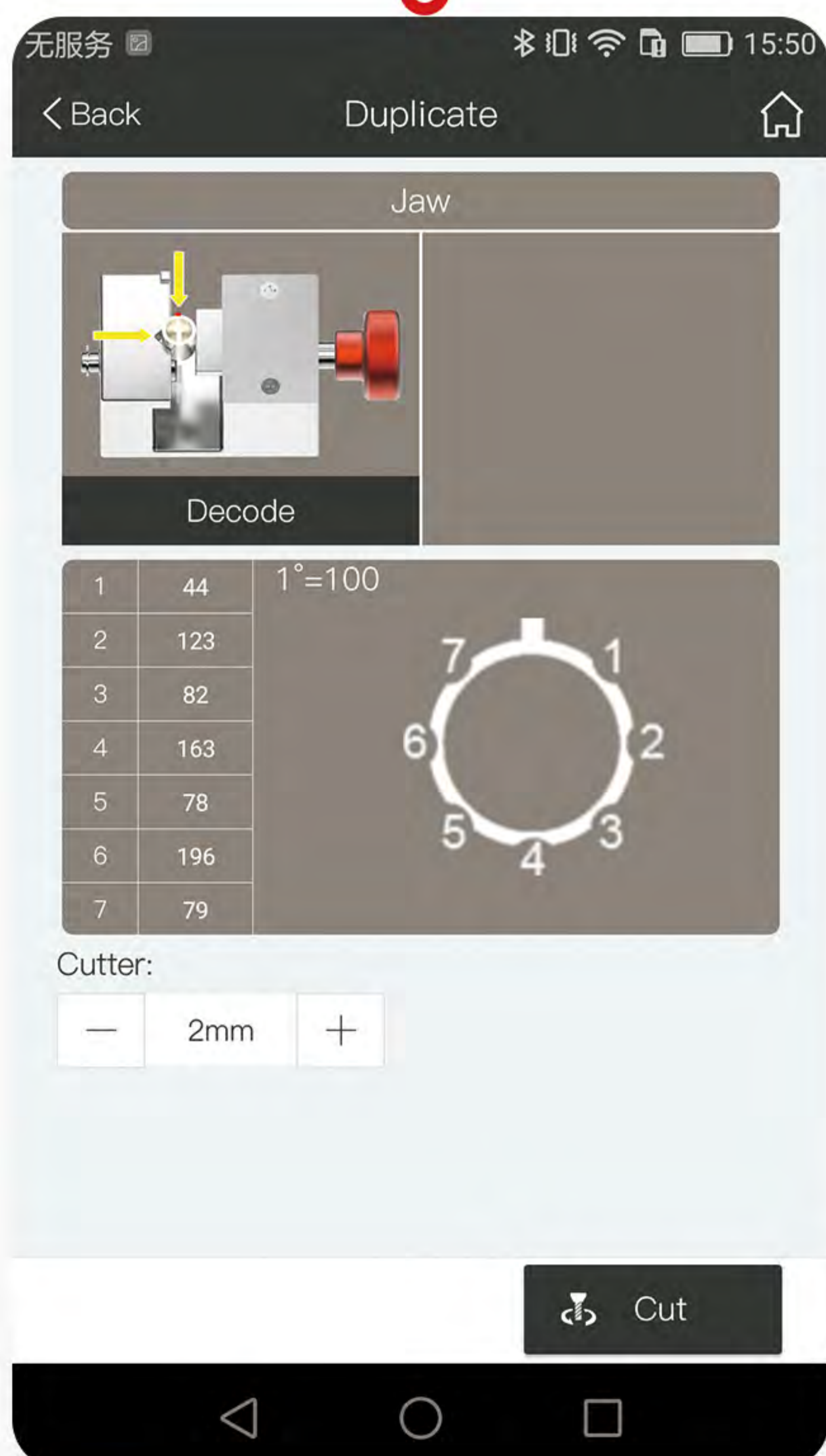
Step 2

Click "Tubular" button



Step 3

Click "Jaw S3" button to start duplicating



Step 4

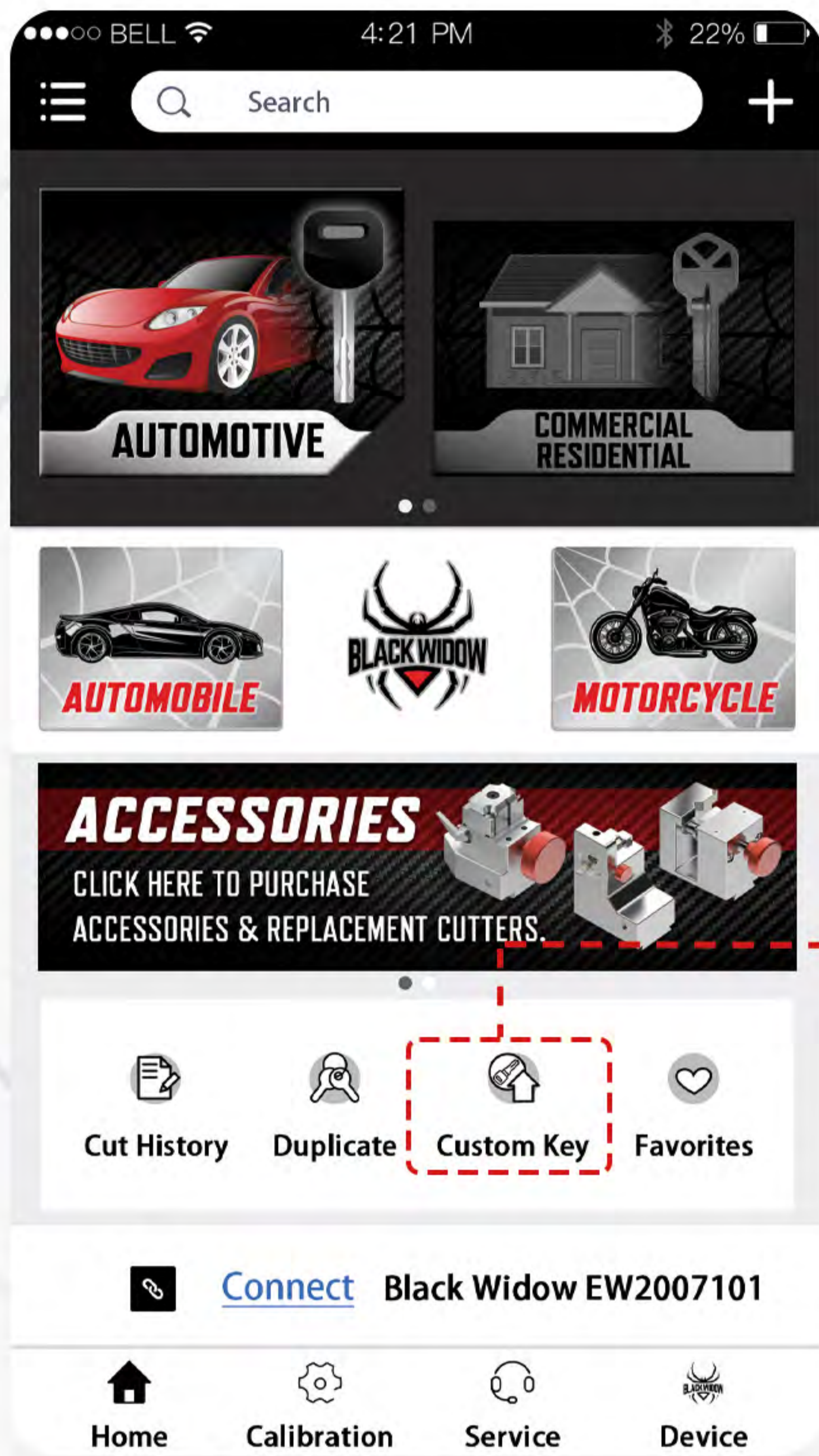
Click "Cut" button after duplicating is done

⚠ Tips: 1. All above about "Duplicate" is just examples showing you how to do, please select correctly according to the key you actually have.

2. The default cutter diameter value is 2.0mm in Beta. If you don't use 2.0mm cutter, please adjust it within the range of 2.5mm, based on the actual cutter used.

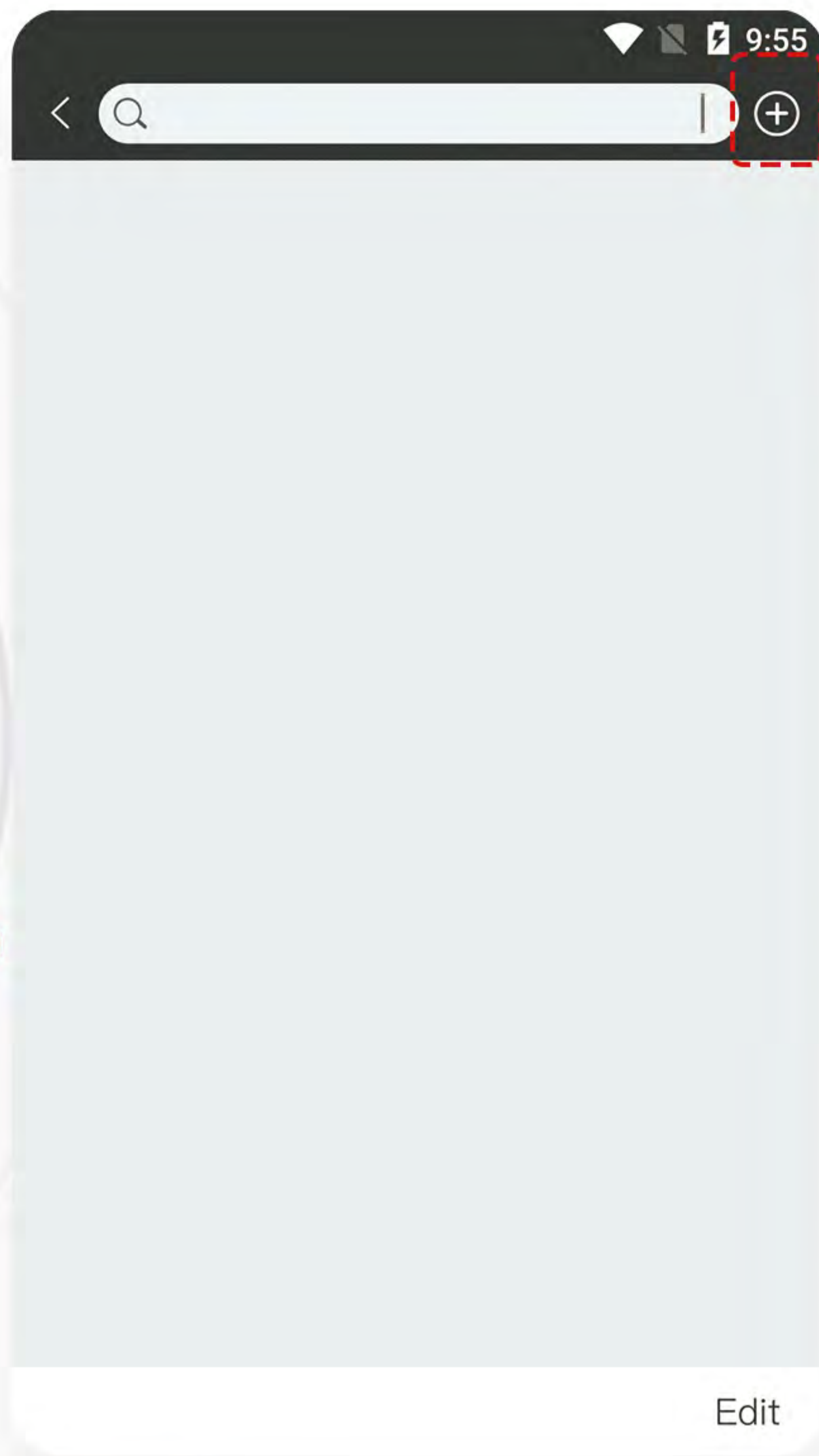
Custom Keys

Double-Sided Edge-Cut Key



Step 1

Click "Custom Keys" button in Home Page



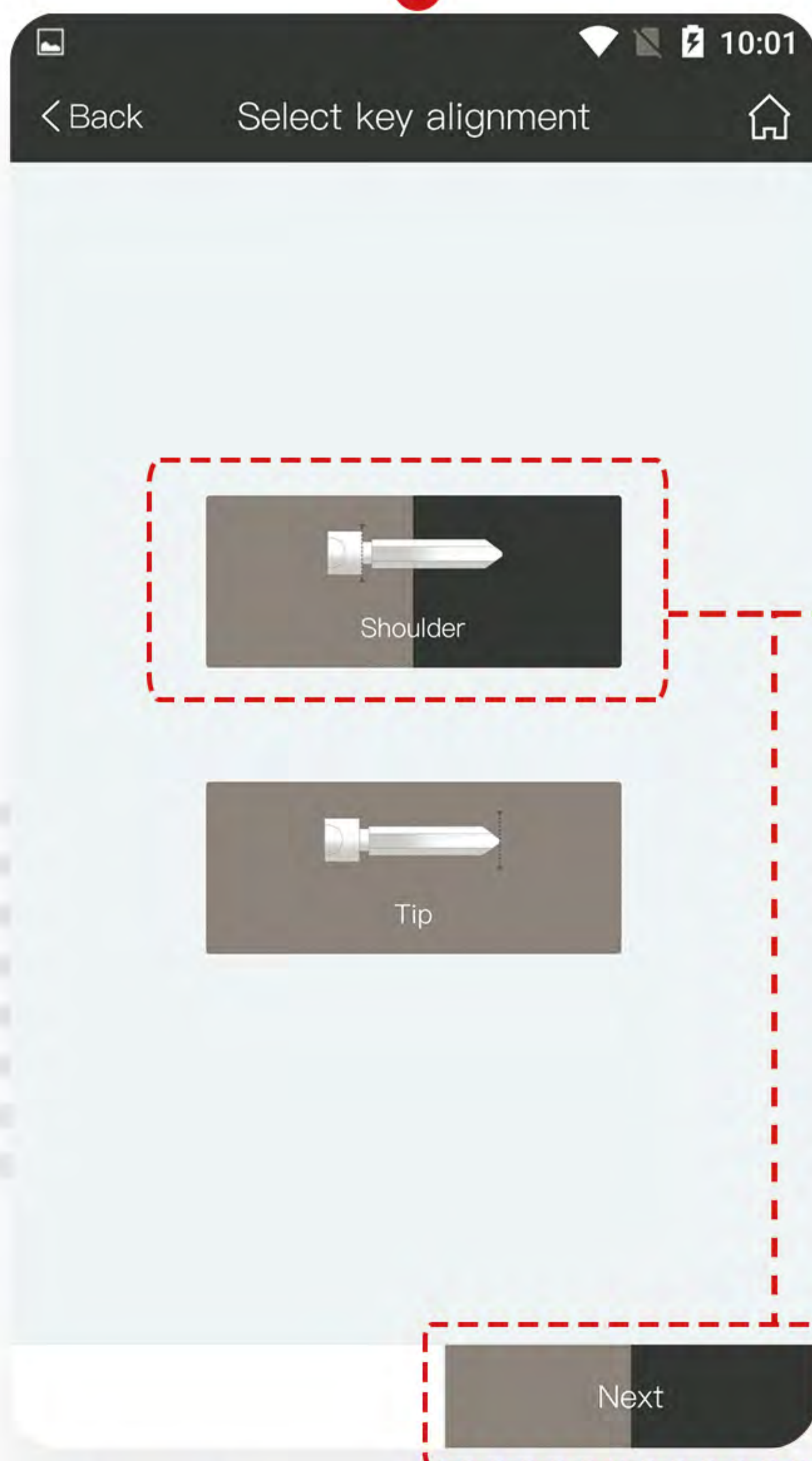
Step 2

Click "+" button



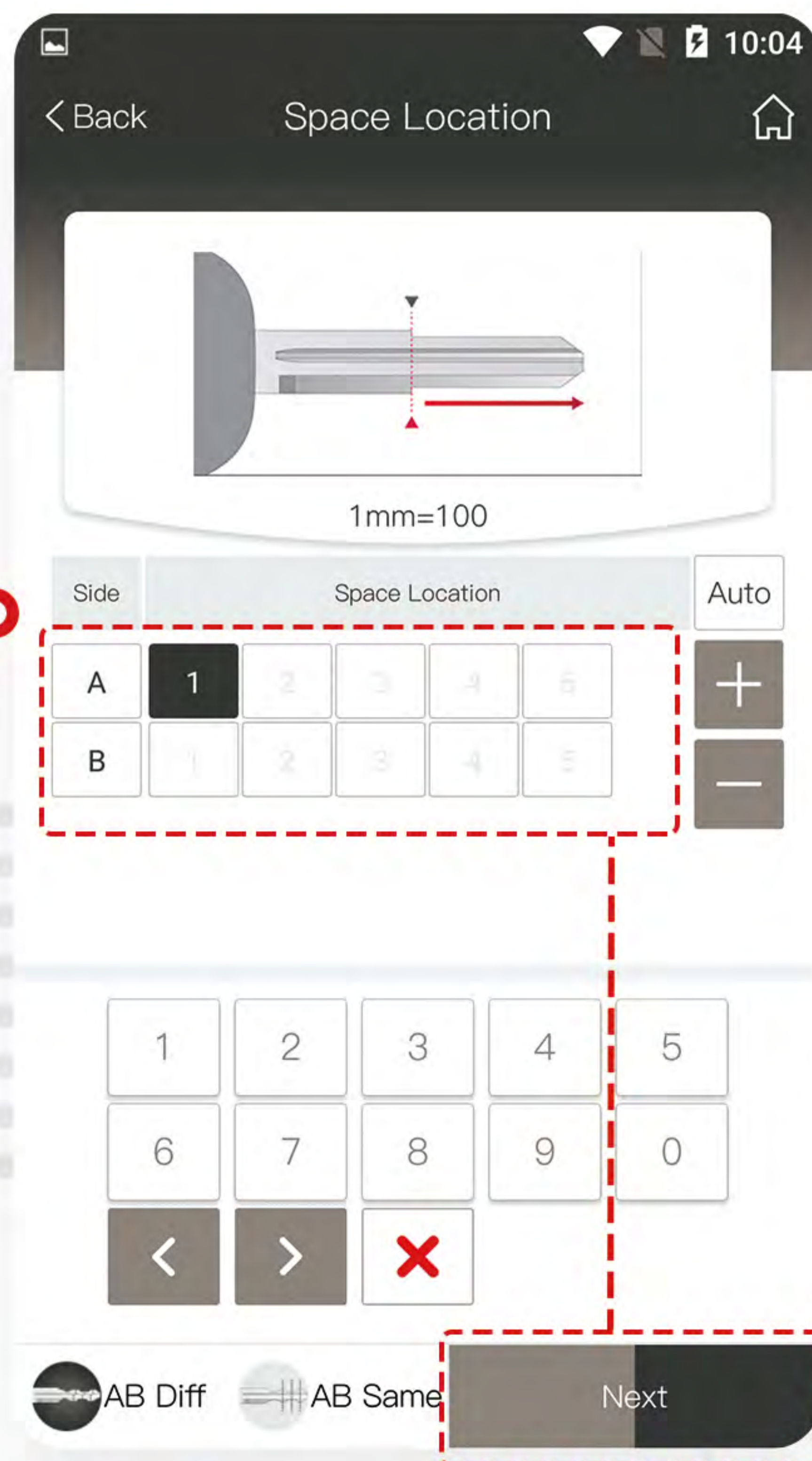
Step 3

Click "Double Standard" and "Next" button



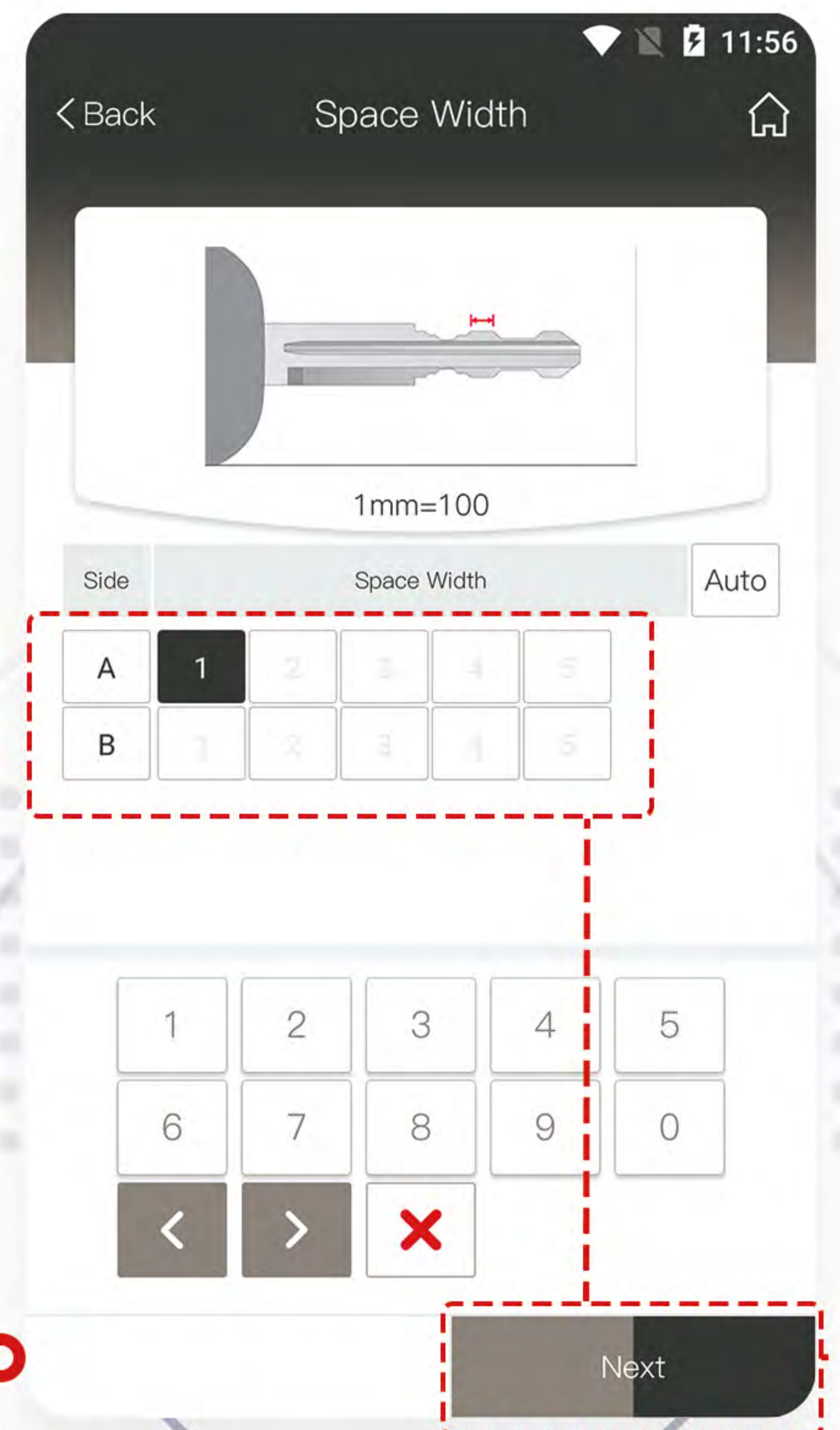
Step 4

Click "Shoulder" and "Next" button



Step 5

Input the parameters in space location and click "Next" button

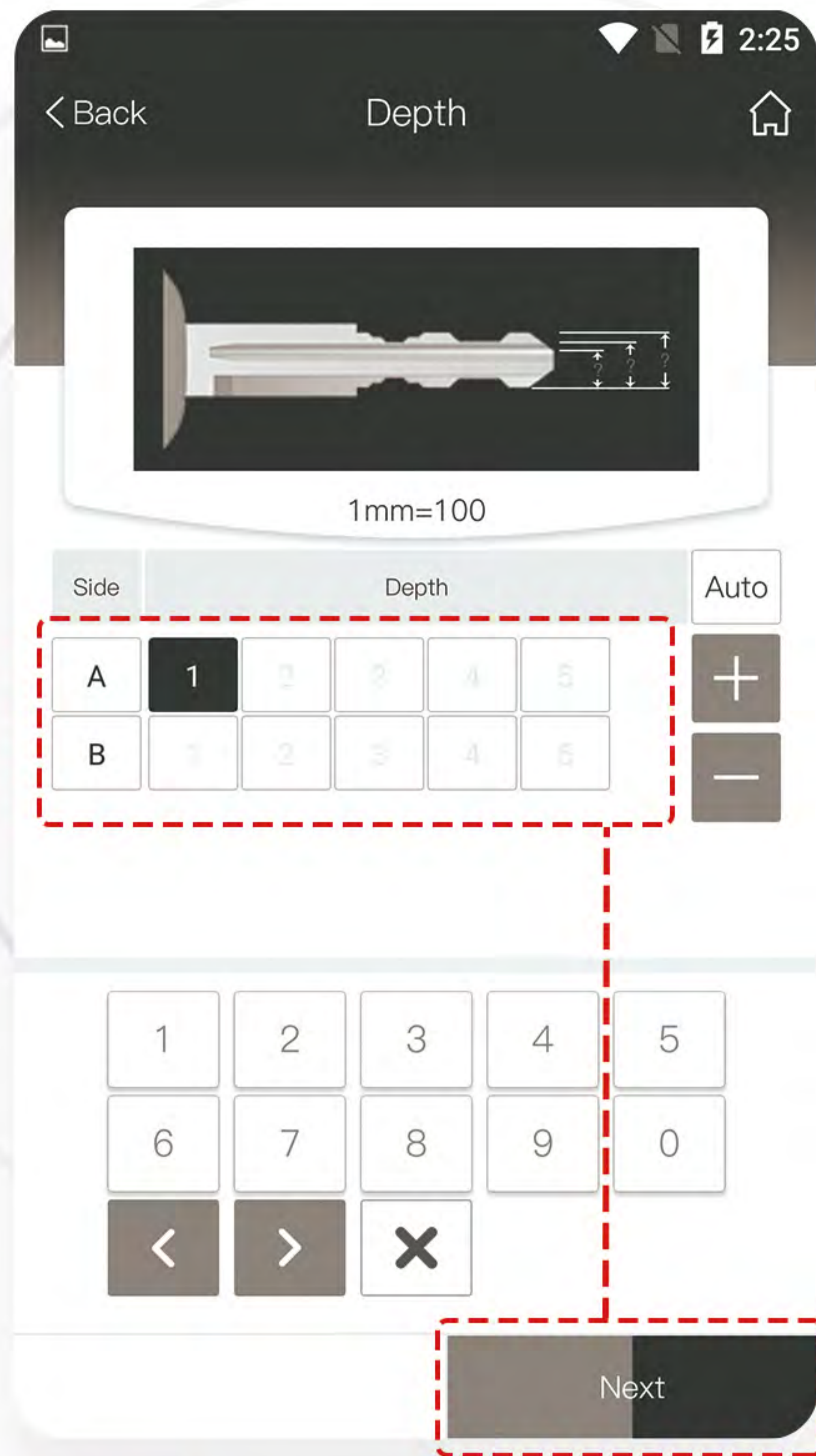


Step 6

Input the parameters in space width and click "Next" button

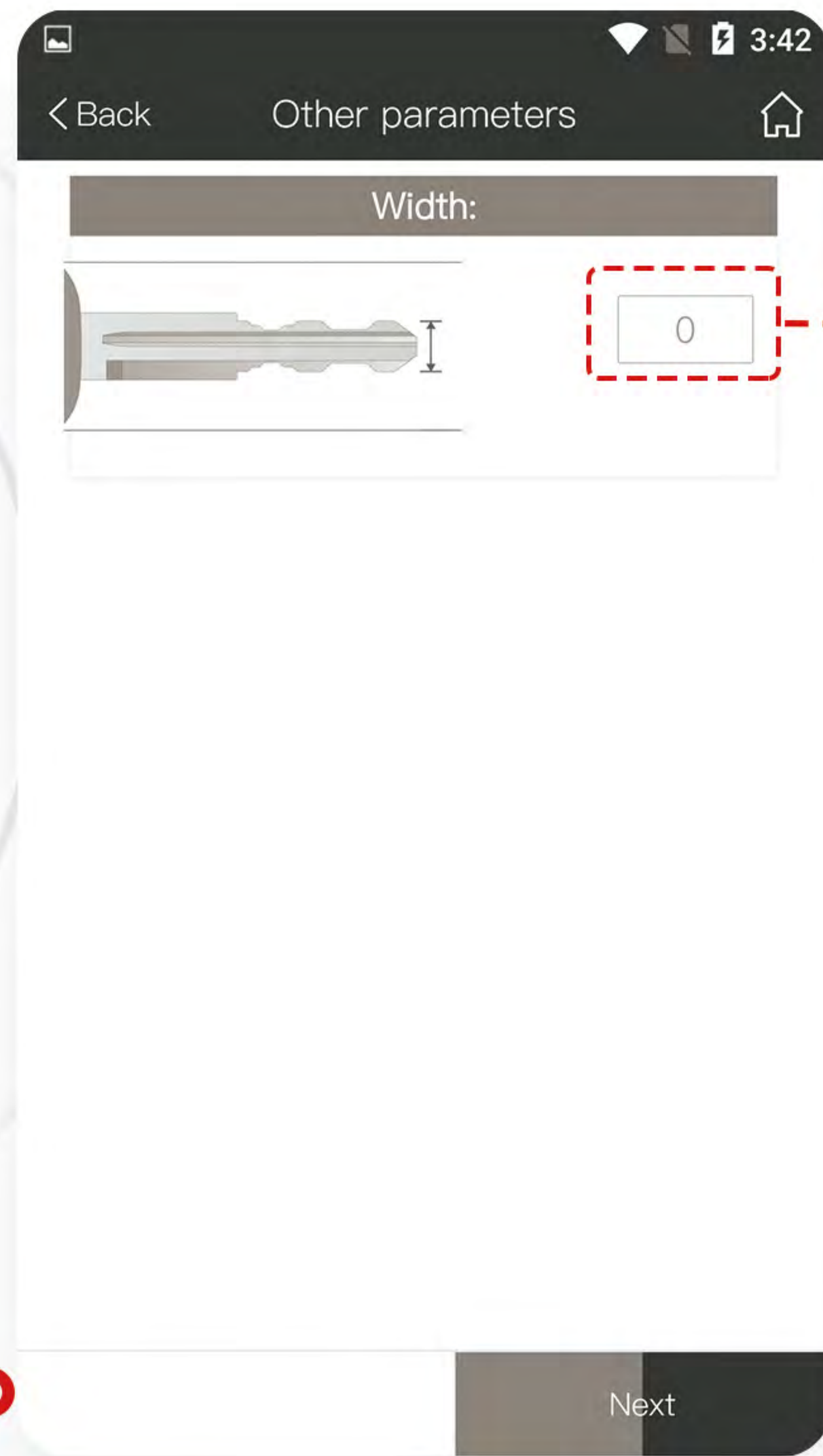
Custom Keys

Double-Sided Edge-Cut Key



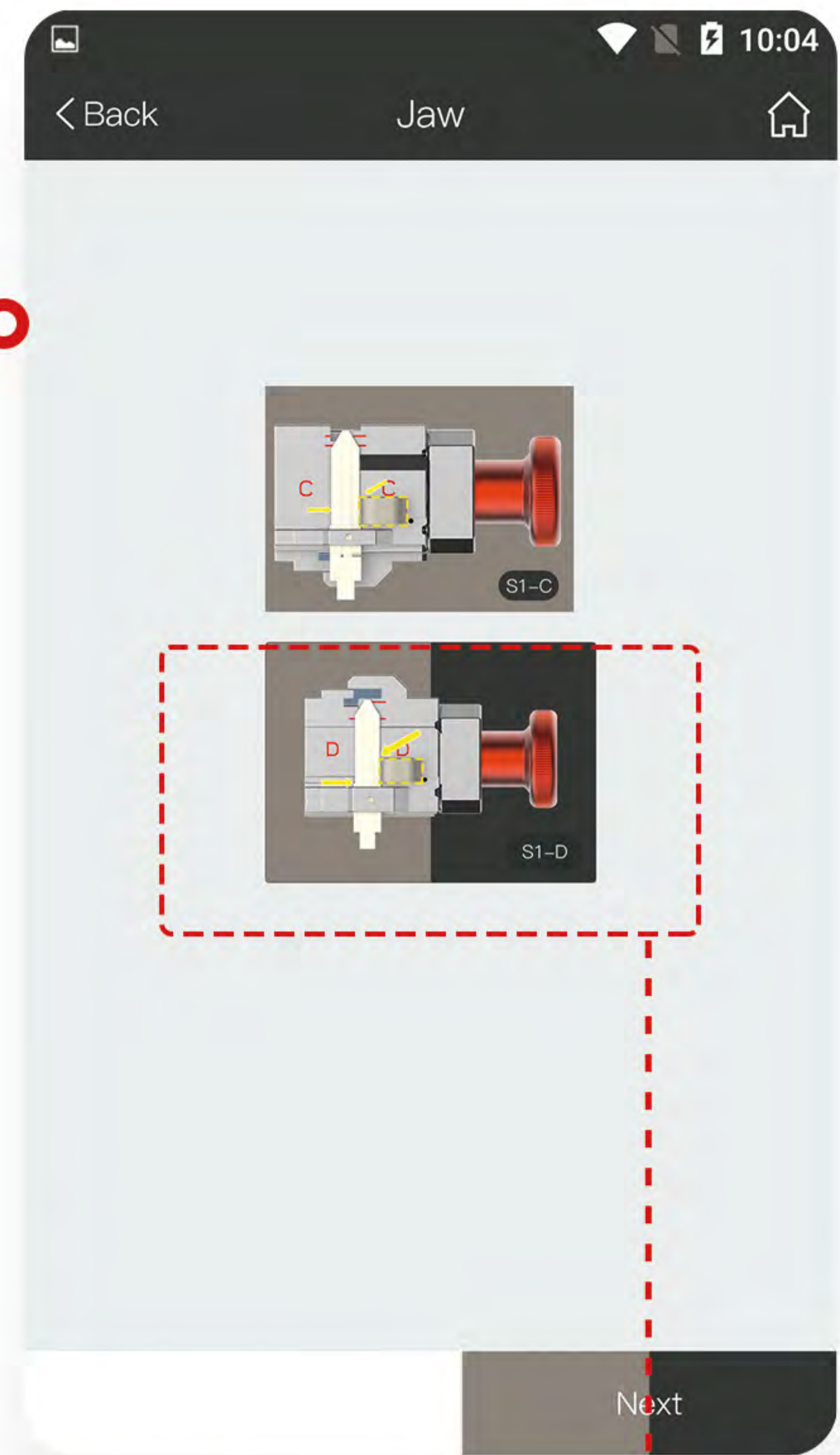
Step 7

Input the parameters in depth and click "Next" button



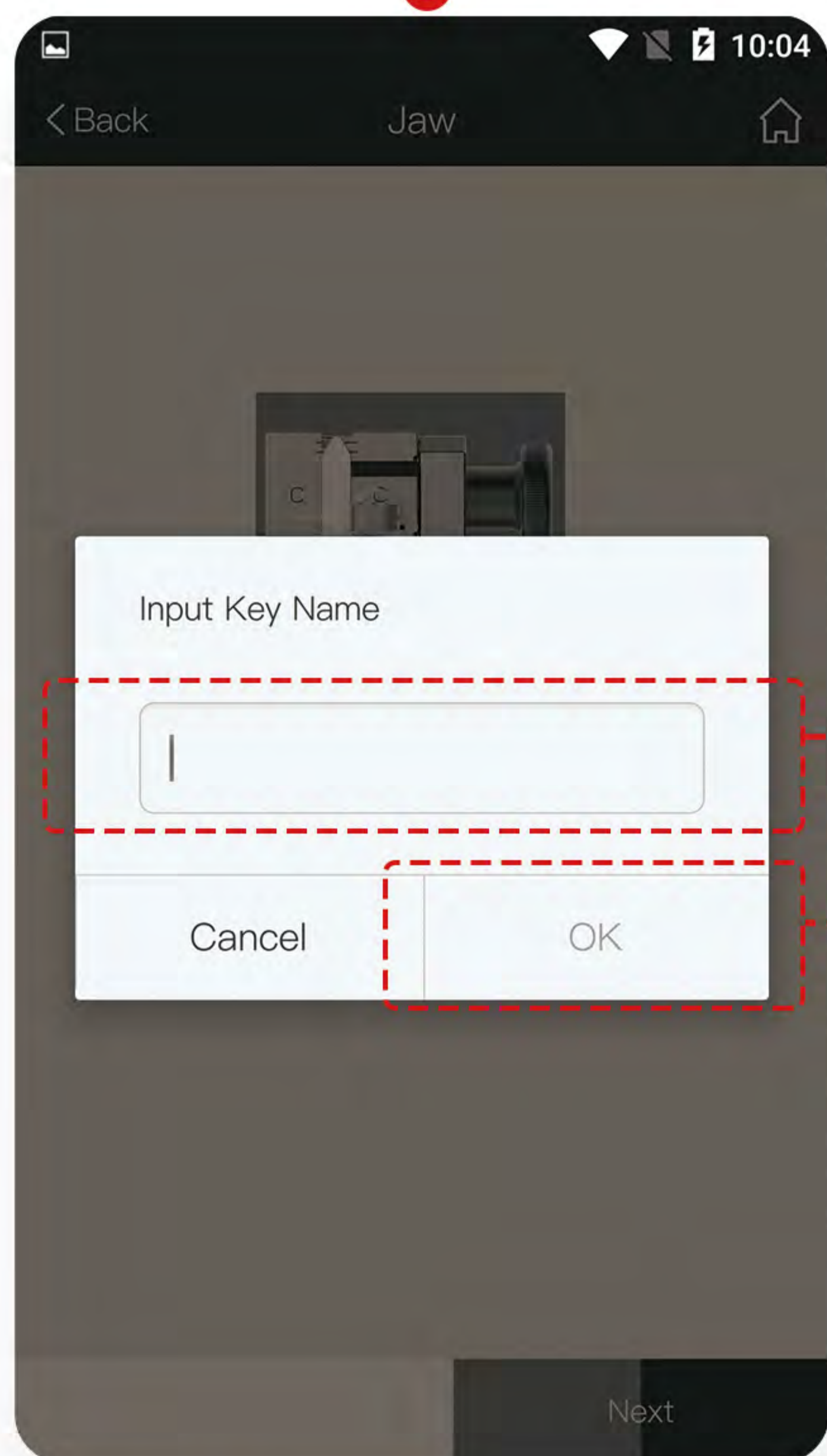
Step 8

Input the parameters in width and click "Next" button



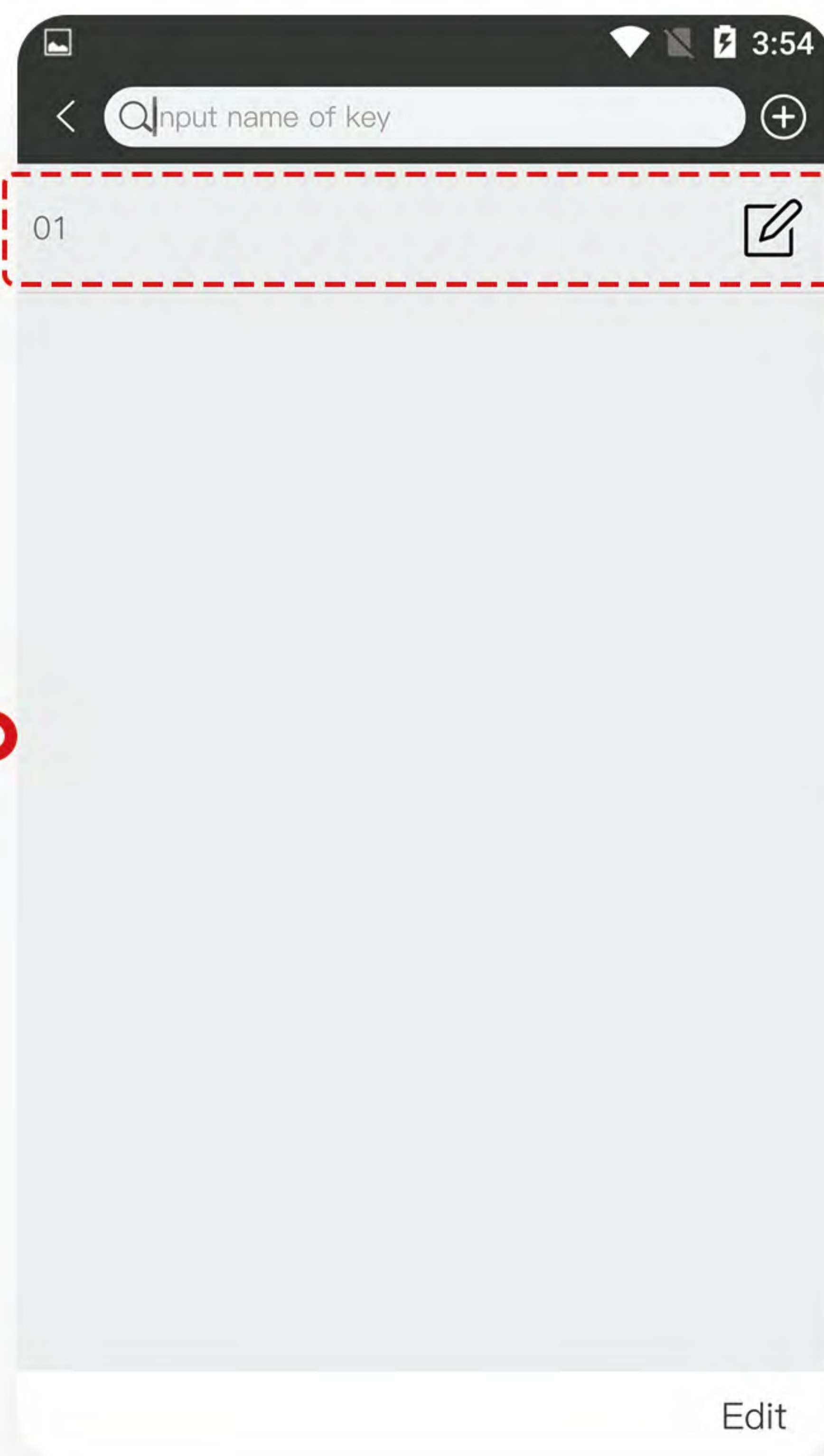
Step 9

Choose correct "Jaw S1-D" and click "Next" button



Step 10

Name the new key data and click "OK" button



Step 11

Review the key data you just added

Custom Keys

Single-Sided Edge-Cut Key



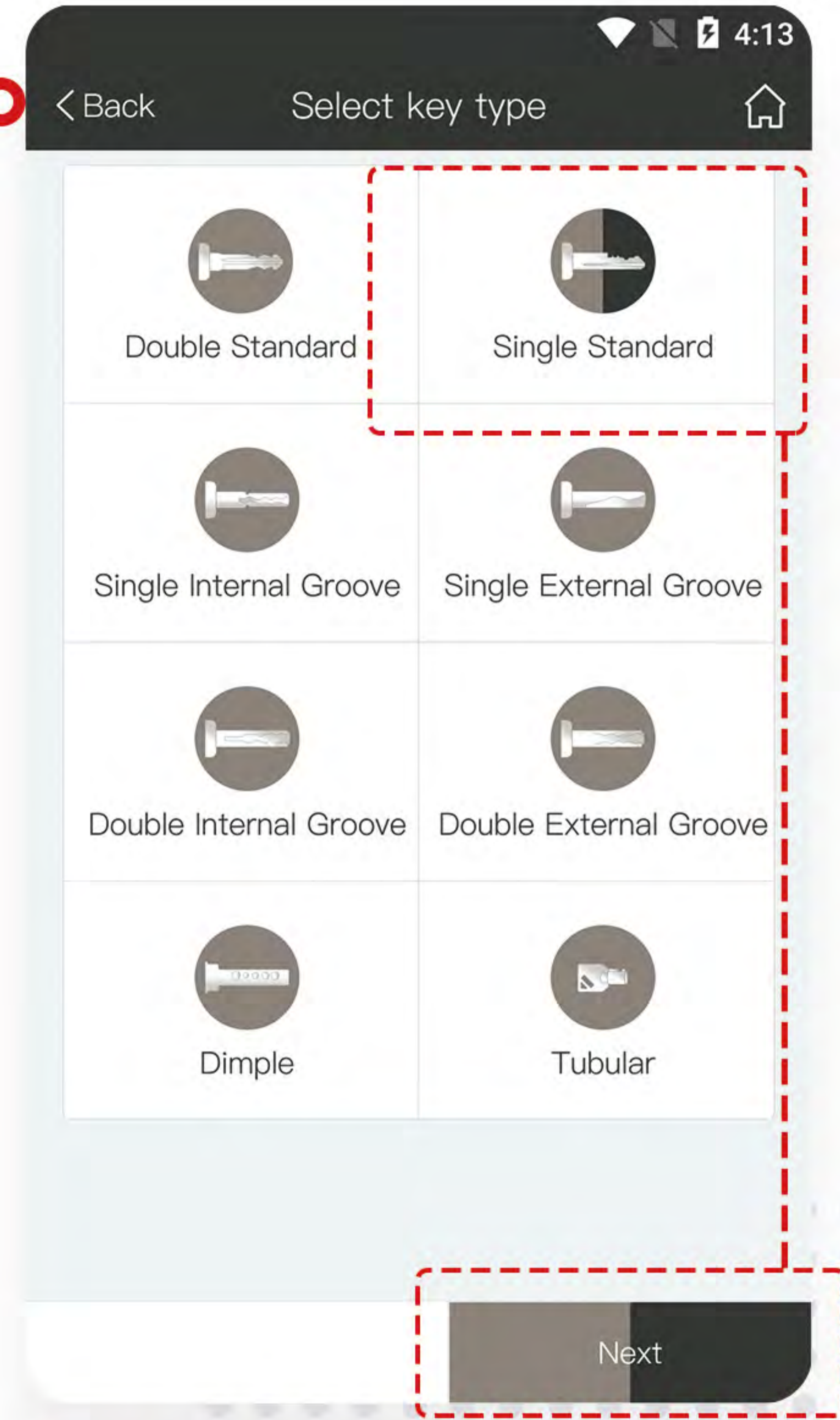
Step 1

Click "Custom Keys" button in Home Page



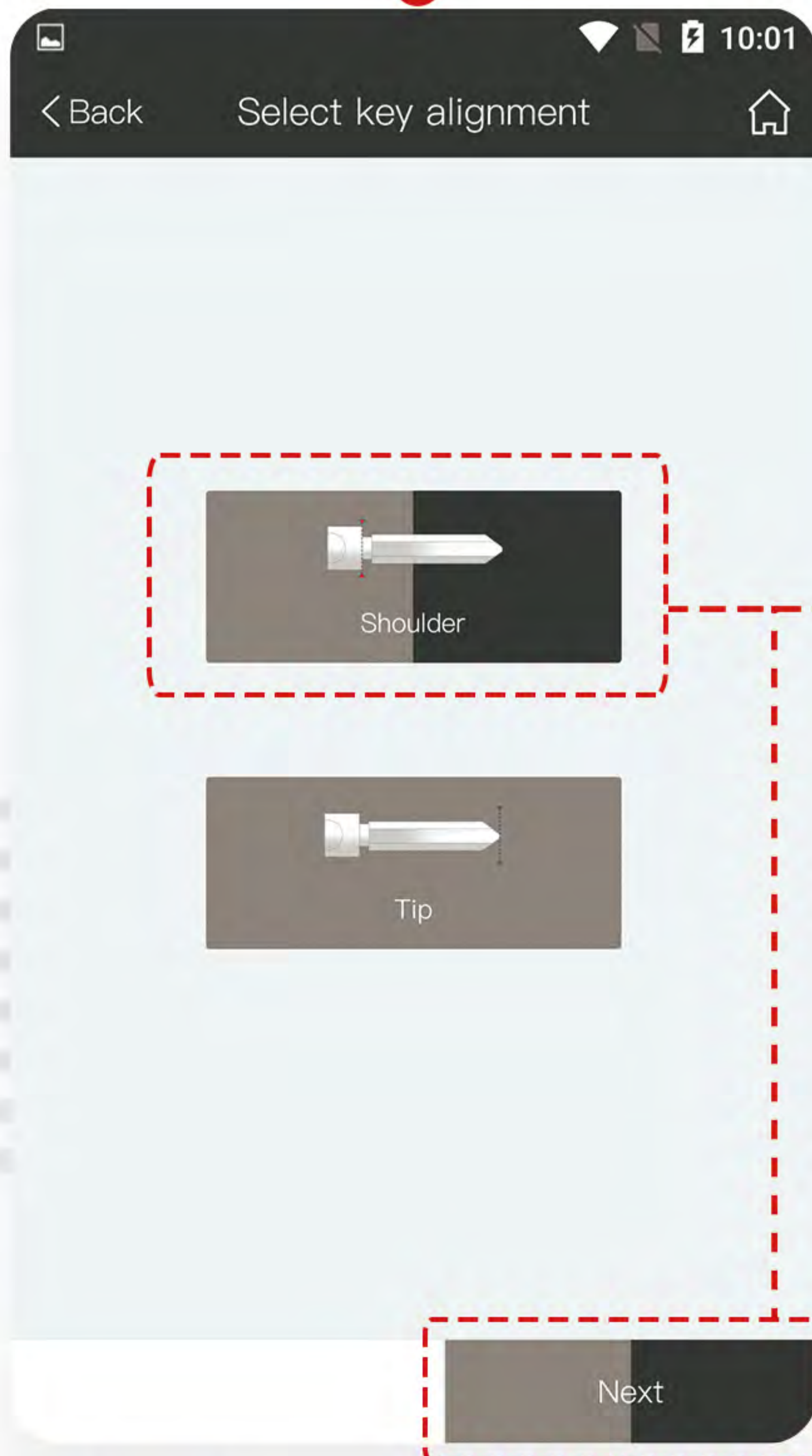
Step 2

Click "+" button



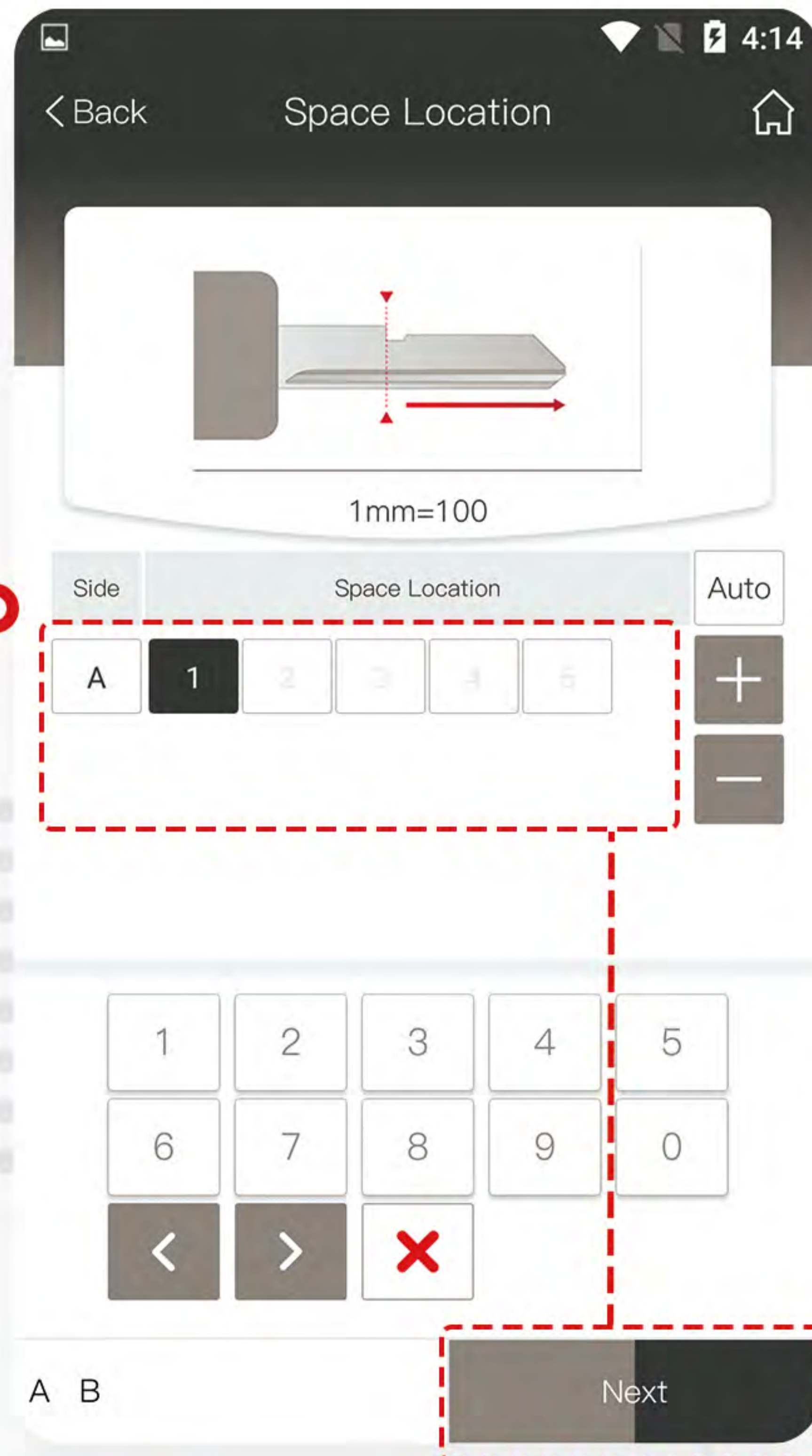
Step 3

Click "Single Standard" and "Next" button



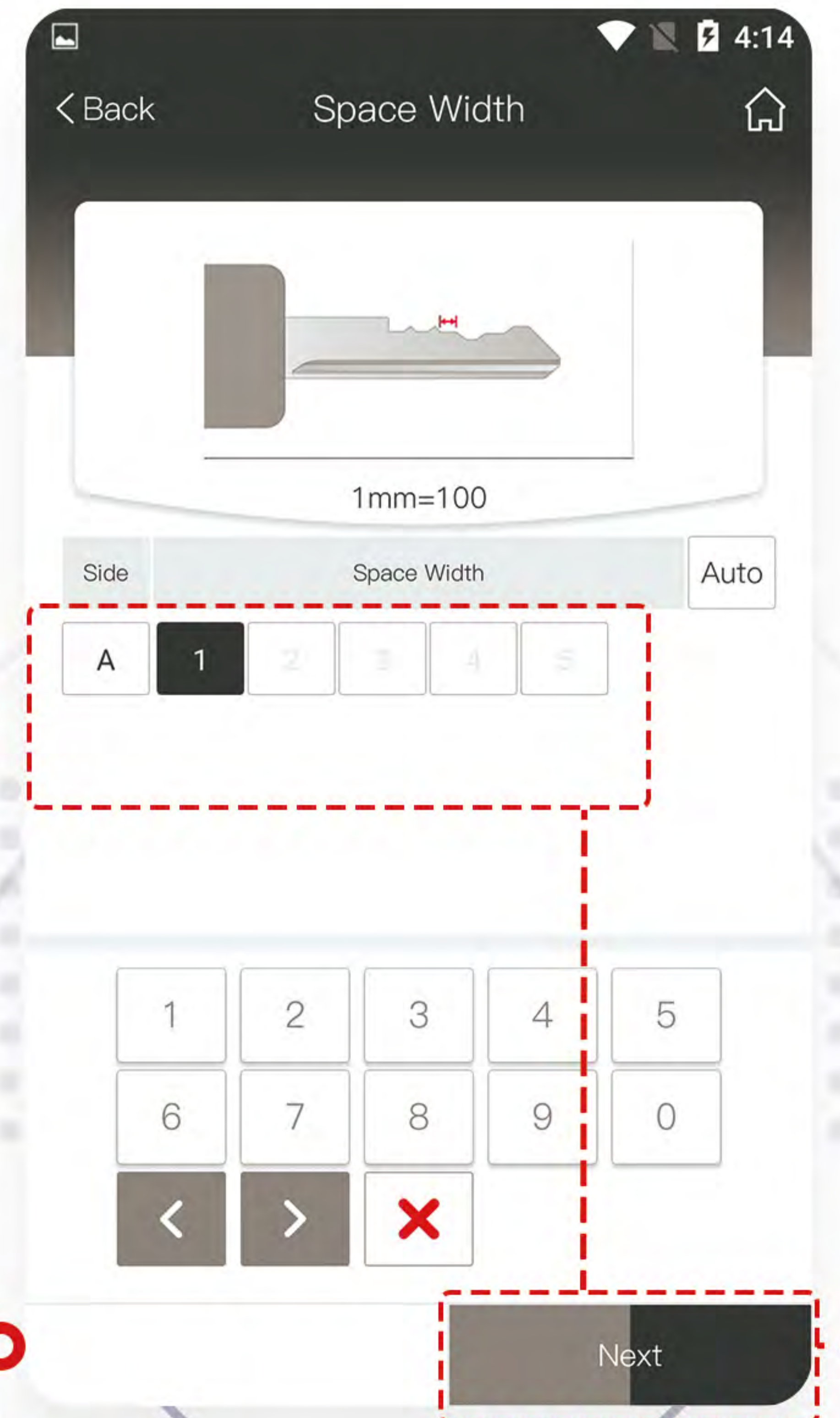
Step 4

Click "Shoulder" and "Next" button



Step 5

Input the parameters in space location and click "Next" button

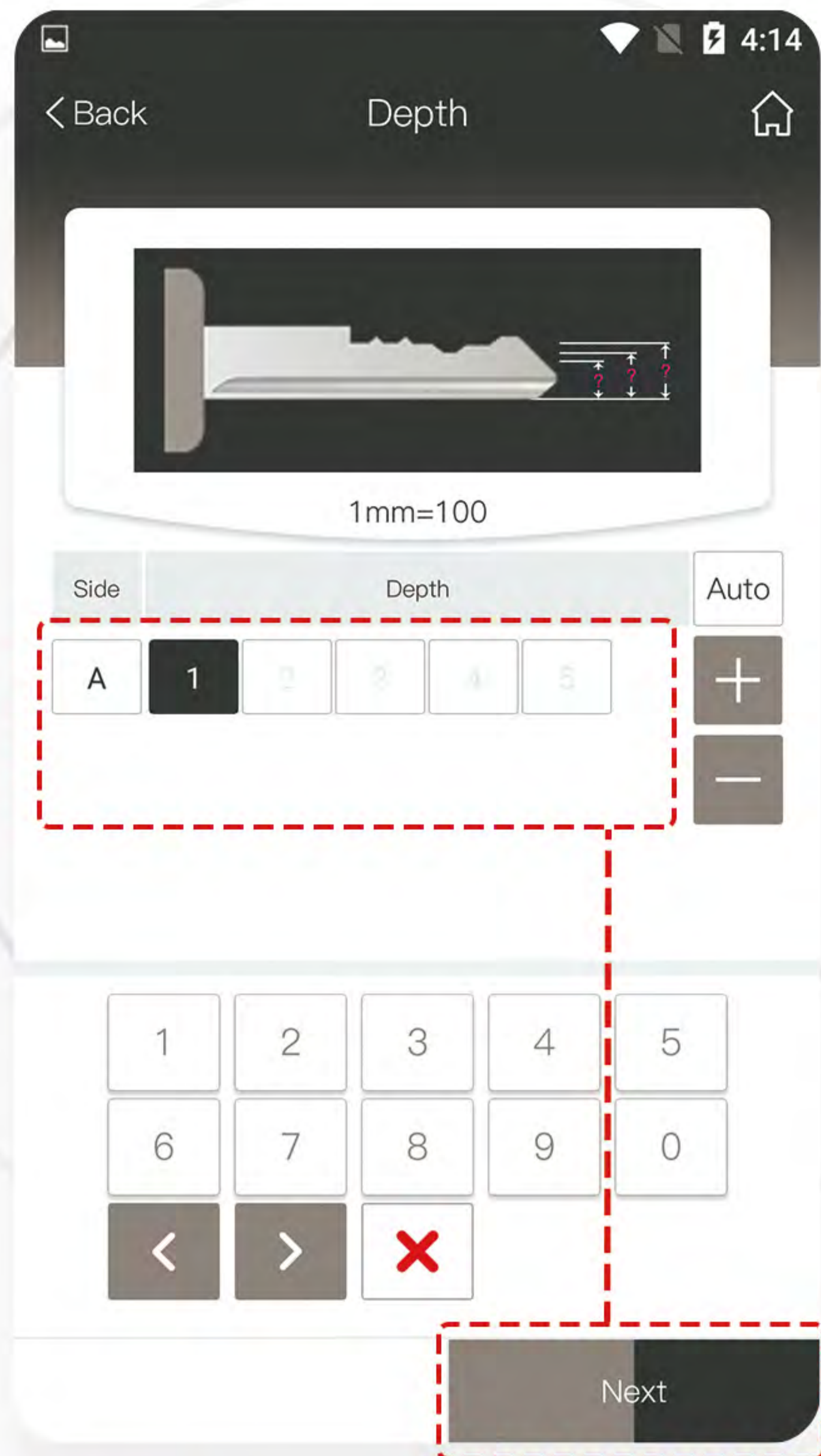


Step 6

Input the parameters in space width and click "Next" button

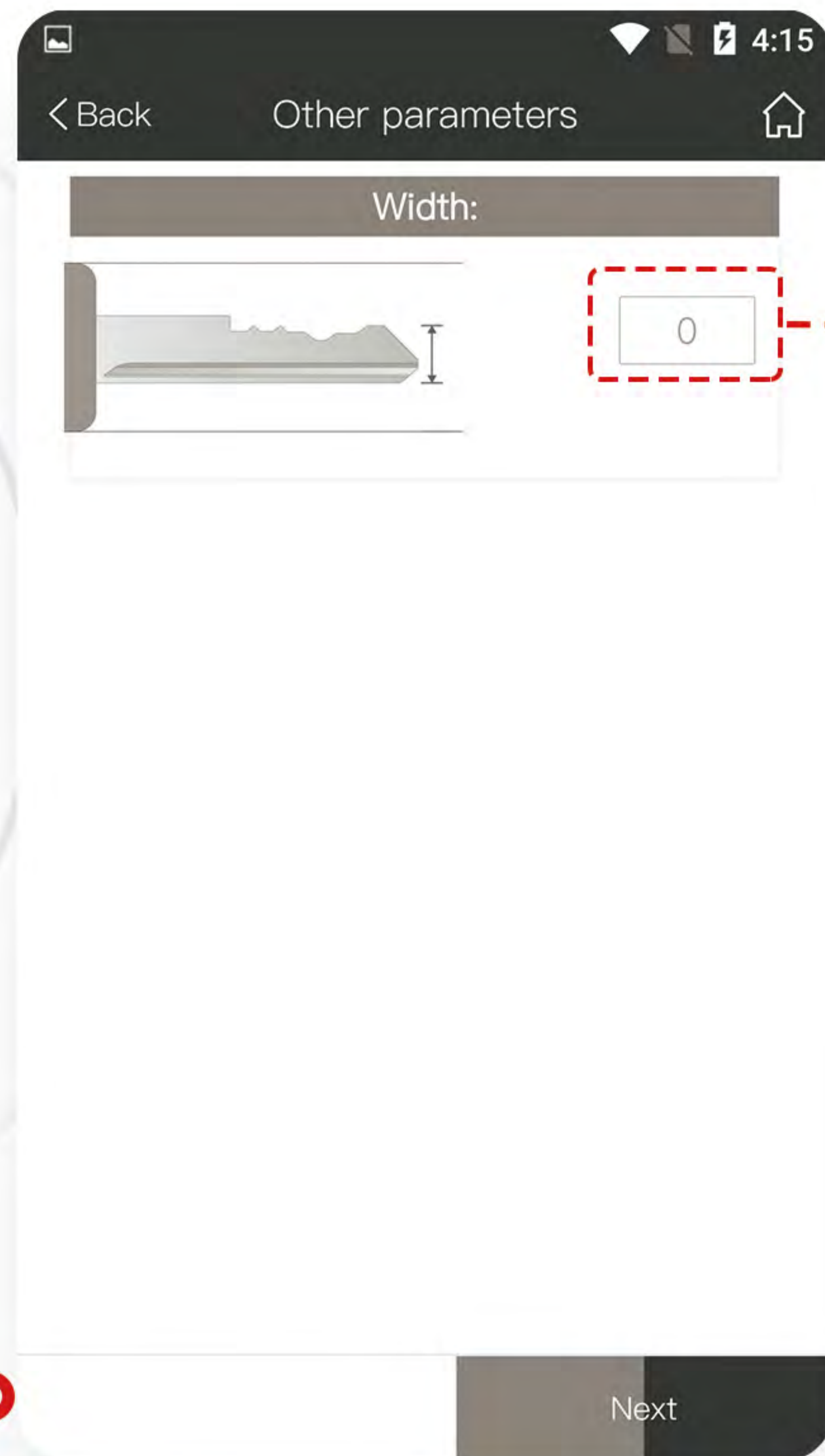
Custom Keys

Single-Sided Edge-Cut Key



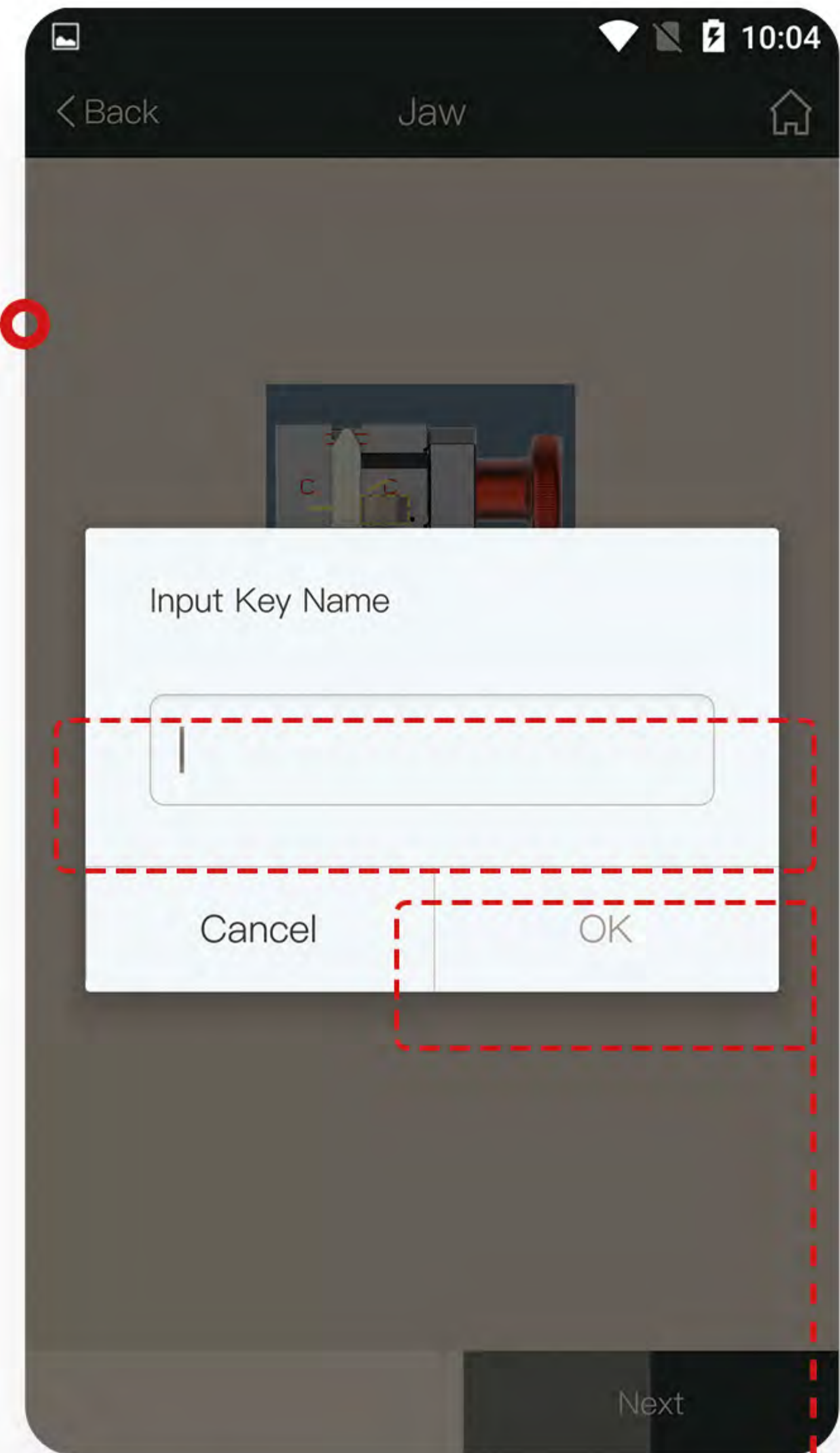
Step 7

Input the parameters in depth and click "Next" button



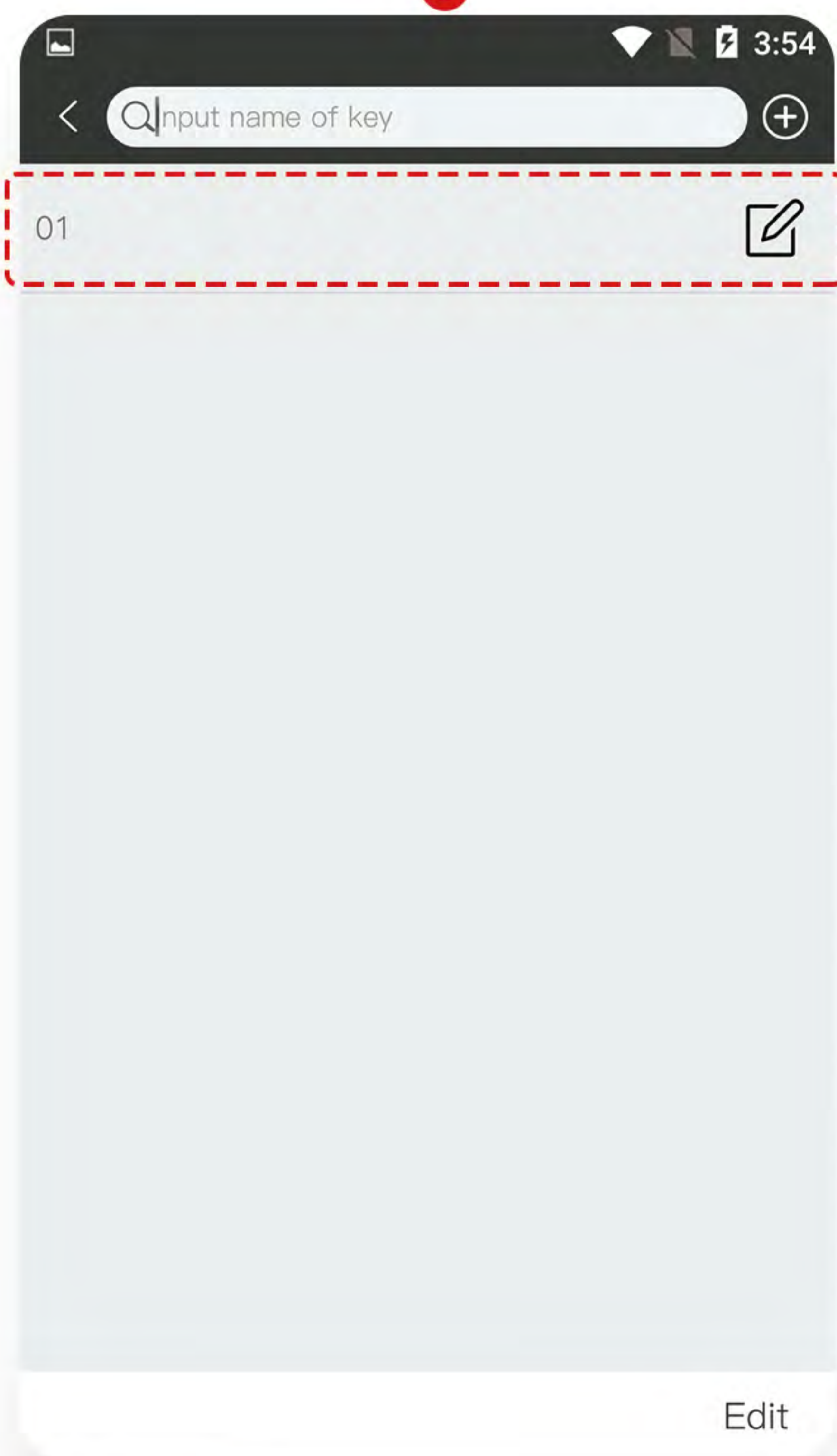
Step 8

Input the parameters in width and click "Next" button



Step 9

Name the new key data and click "OK" button



Step 10

Review the key data you just added

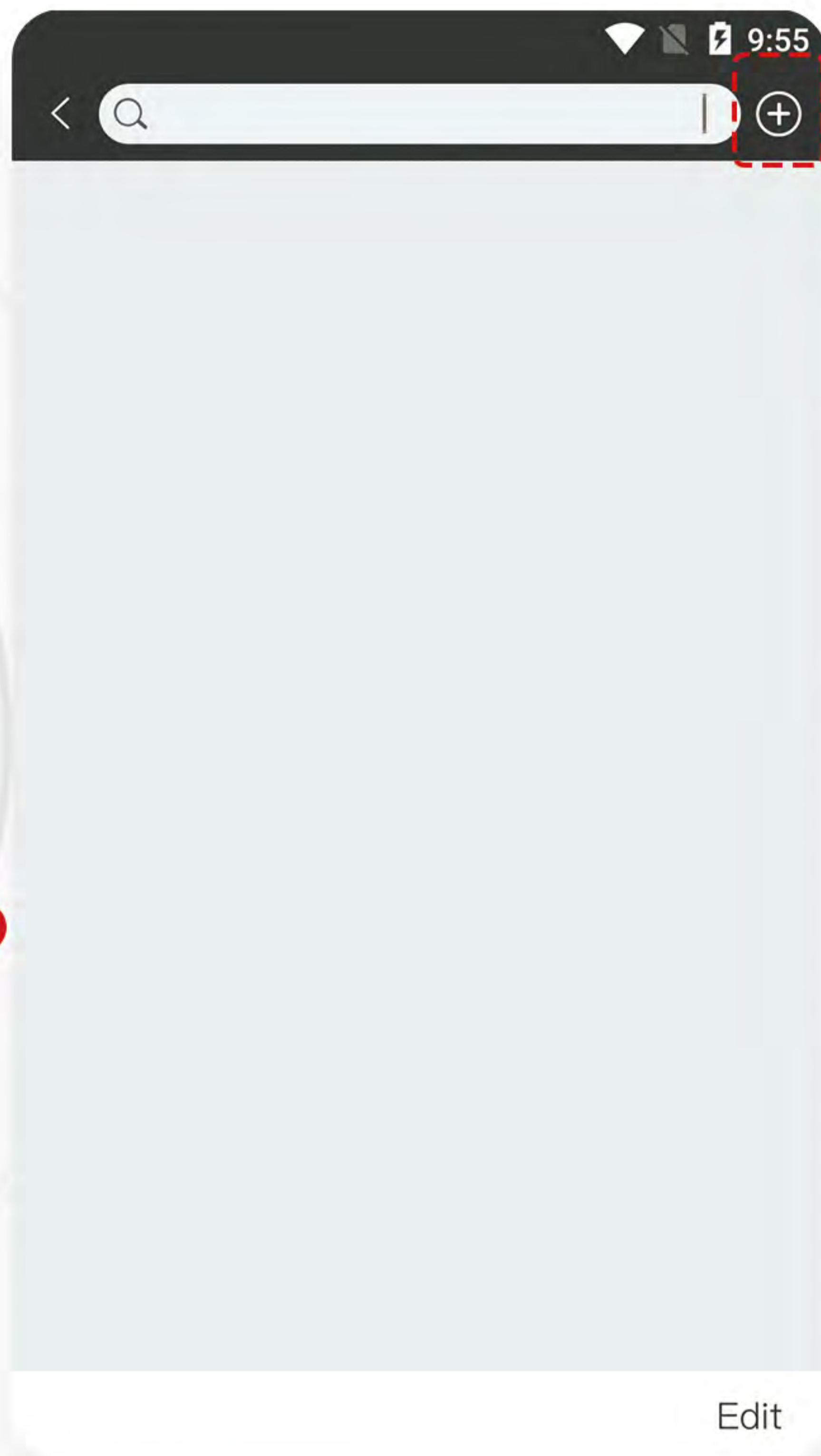
Custom Keys

Single Internal Laser-Cut Key



Step 1

Click "Custom Keys" button in Home Page



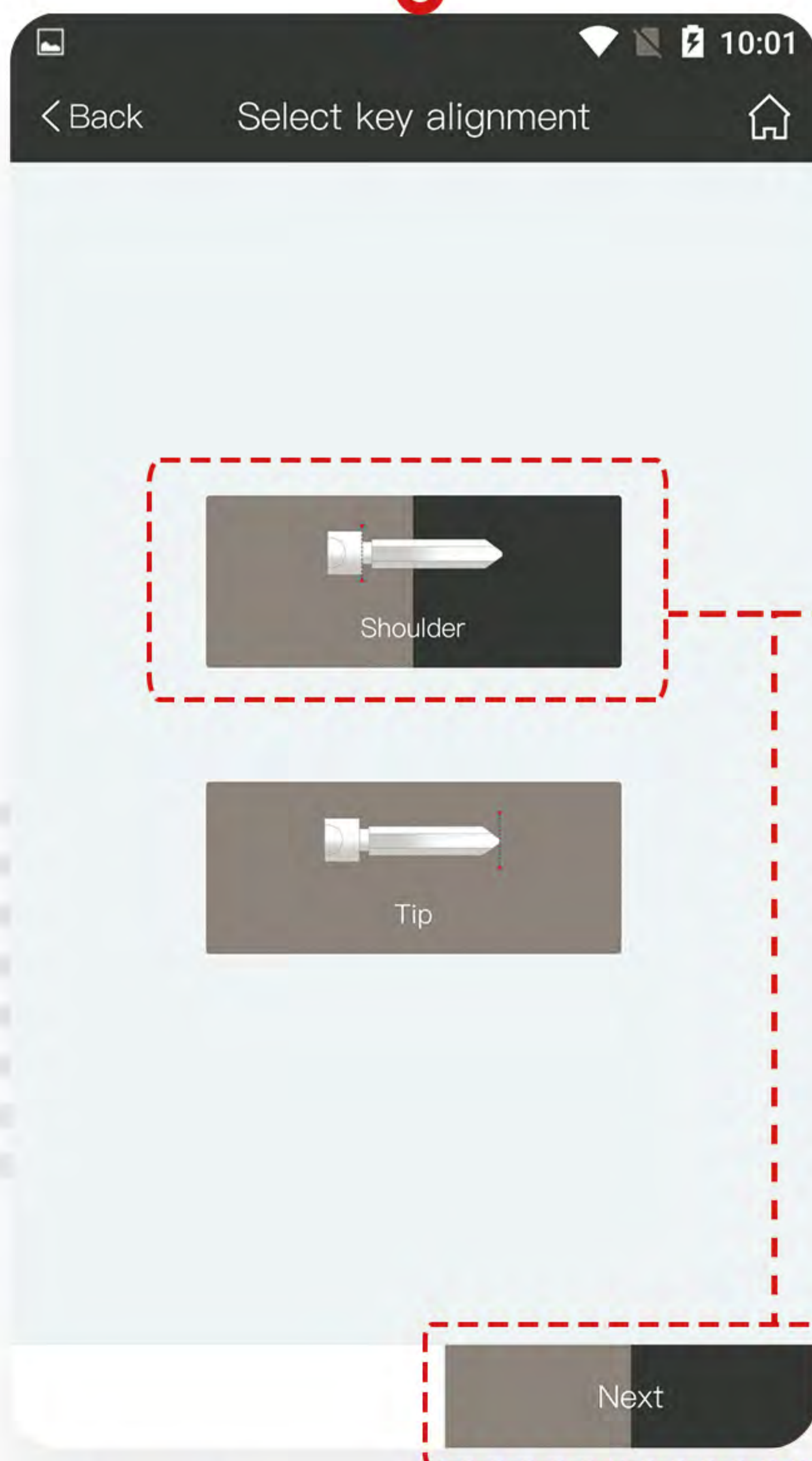
Step 2

Click "+" button



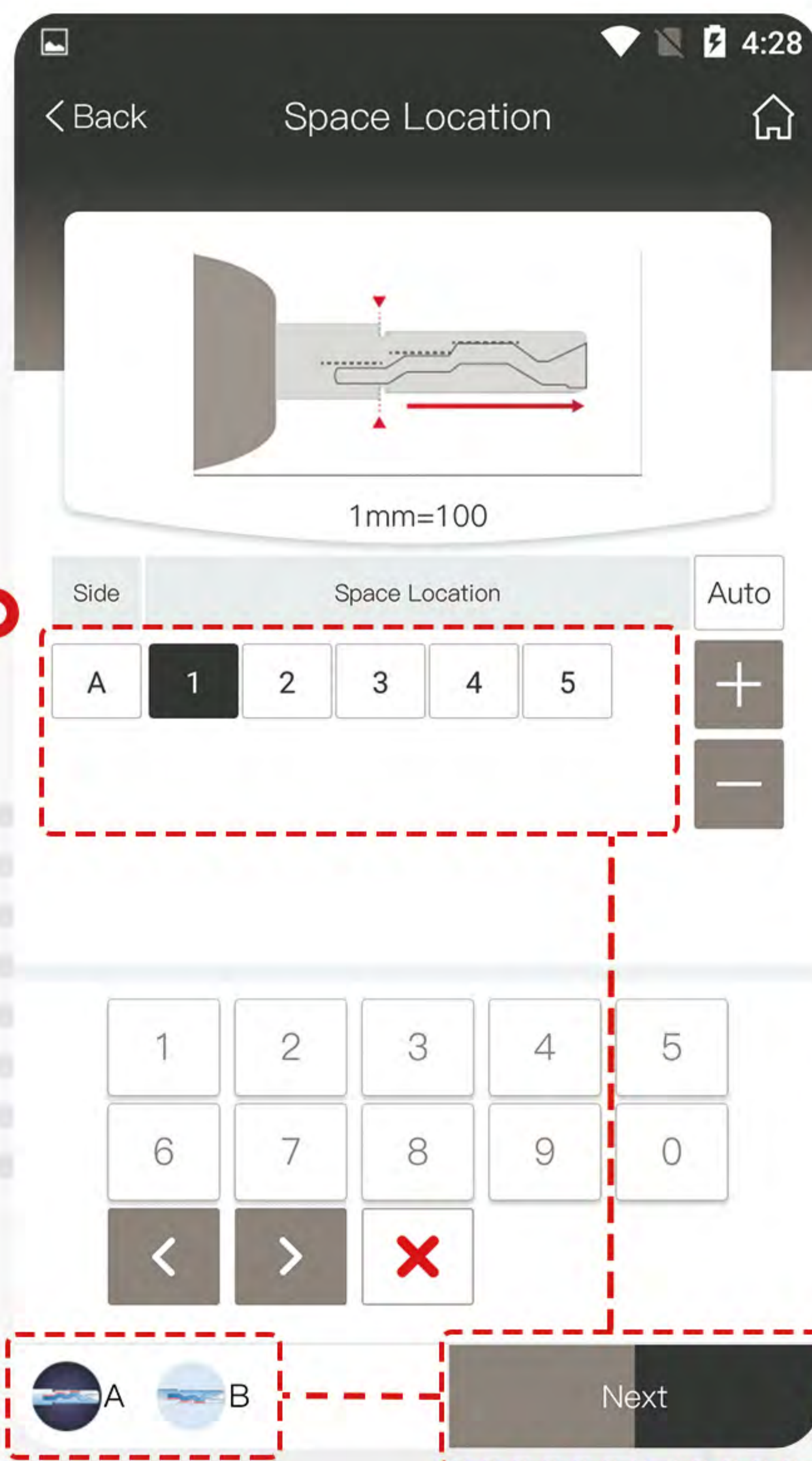
Step 3

Click "Single Internal Groove Key" and "Next" button



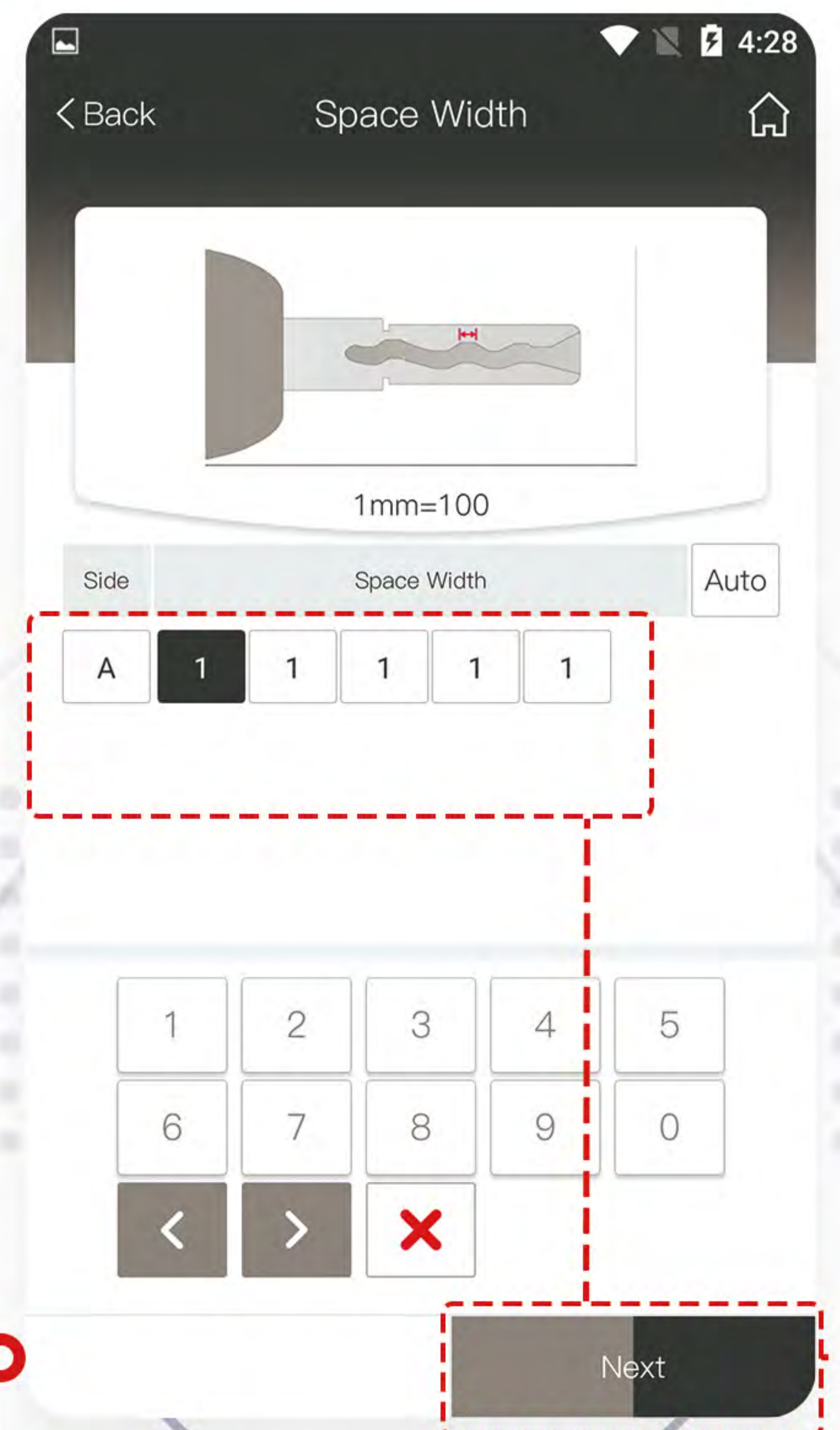
Step 4

Click "Shoulder" and "Next" button



Step 5

Choose Side "A" and input the parameters in space location and click "Next" button



Step 6

Input the parameters in space width and click "Next" button

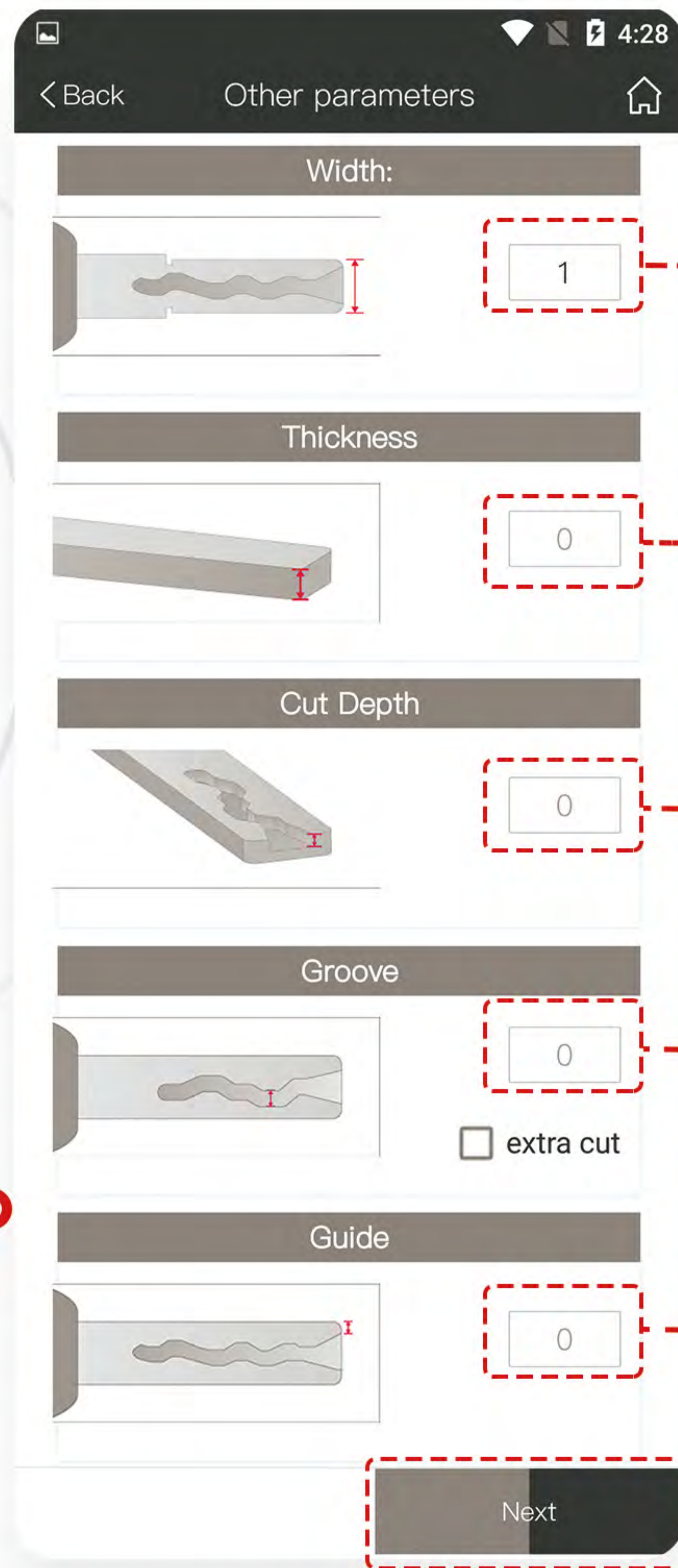
Custom Keys

Single Internal Laser-Cut Key



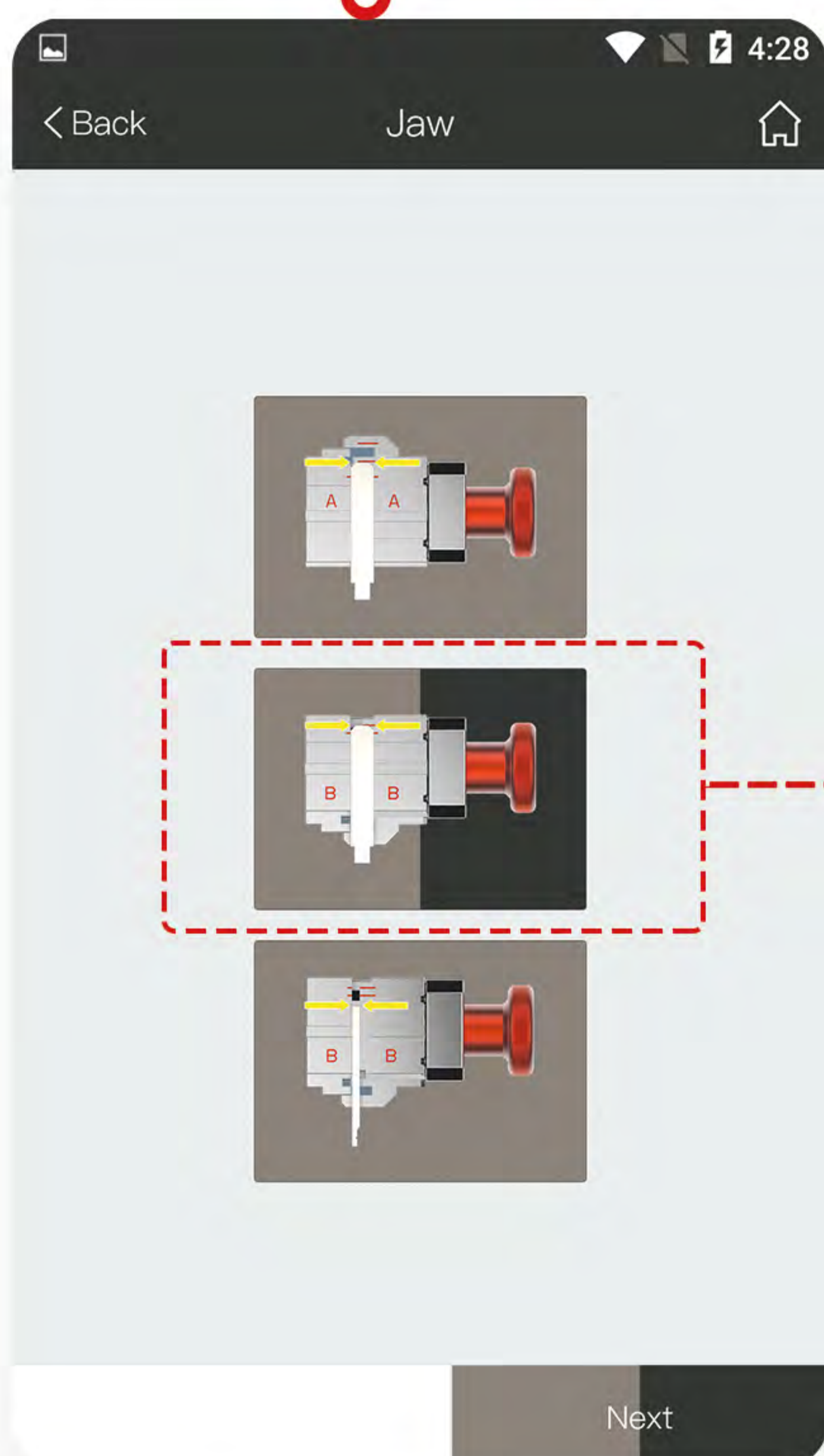
Step 7

Input the parameters in depth and click "Next" button



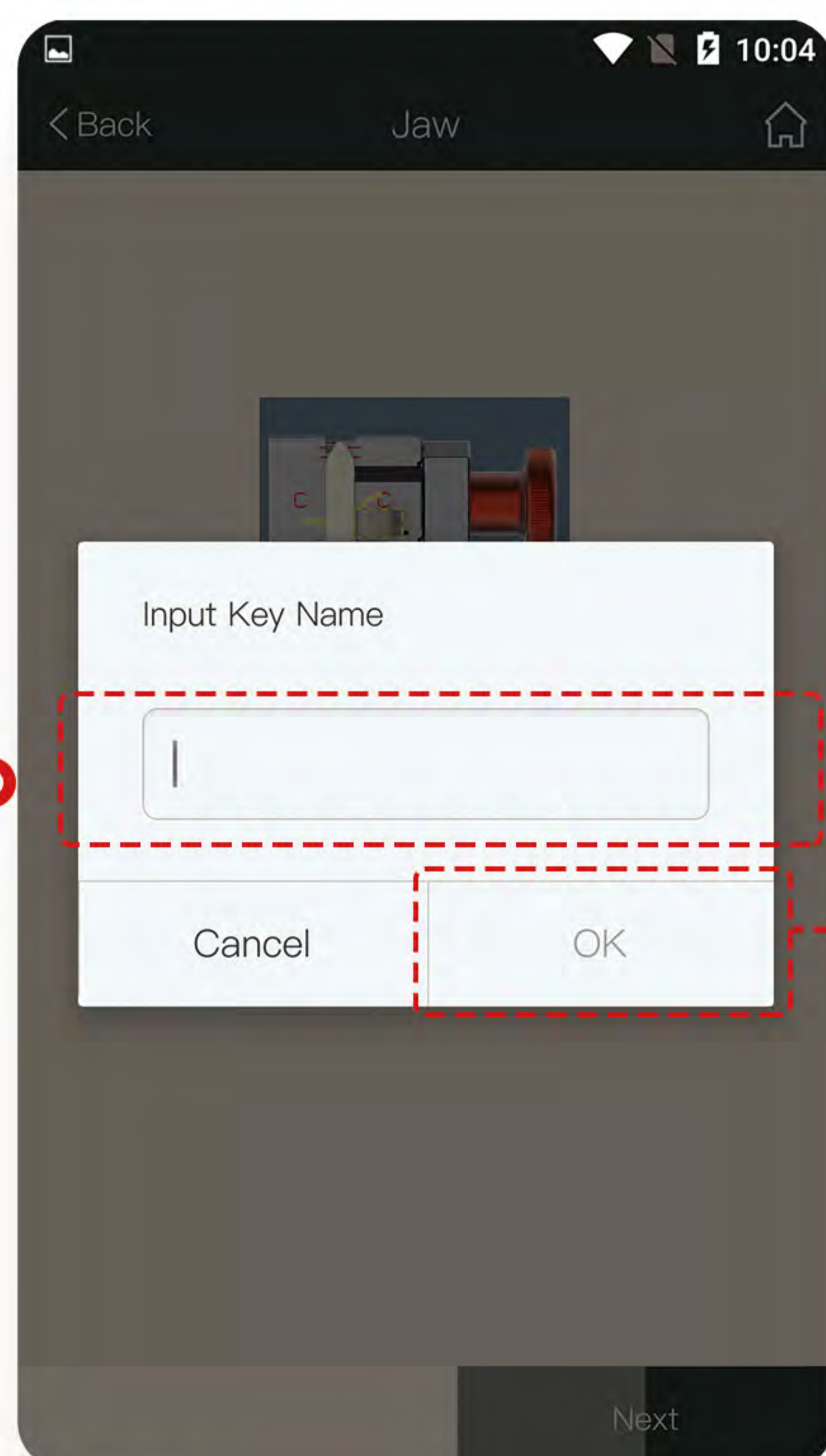
Step 8

Input the parameters in width/ thickness/ cut depth/ groove/ guide and click "Next" button



Step 9

Choose correct "Jaw S1-B" and click "Next" button



Step 10

Name the new key data and click "OK" button



Step 11

Review the key data you just added

Custom Keys

Single External Laser-Cut Key



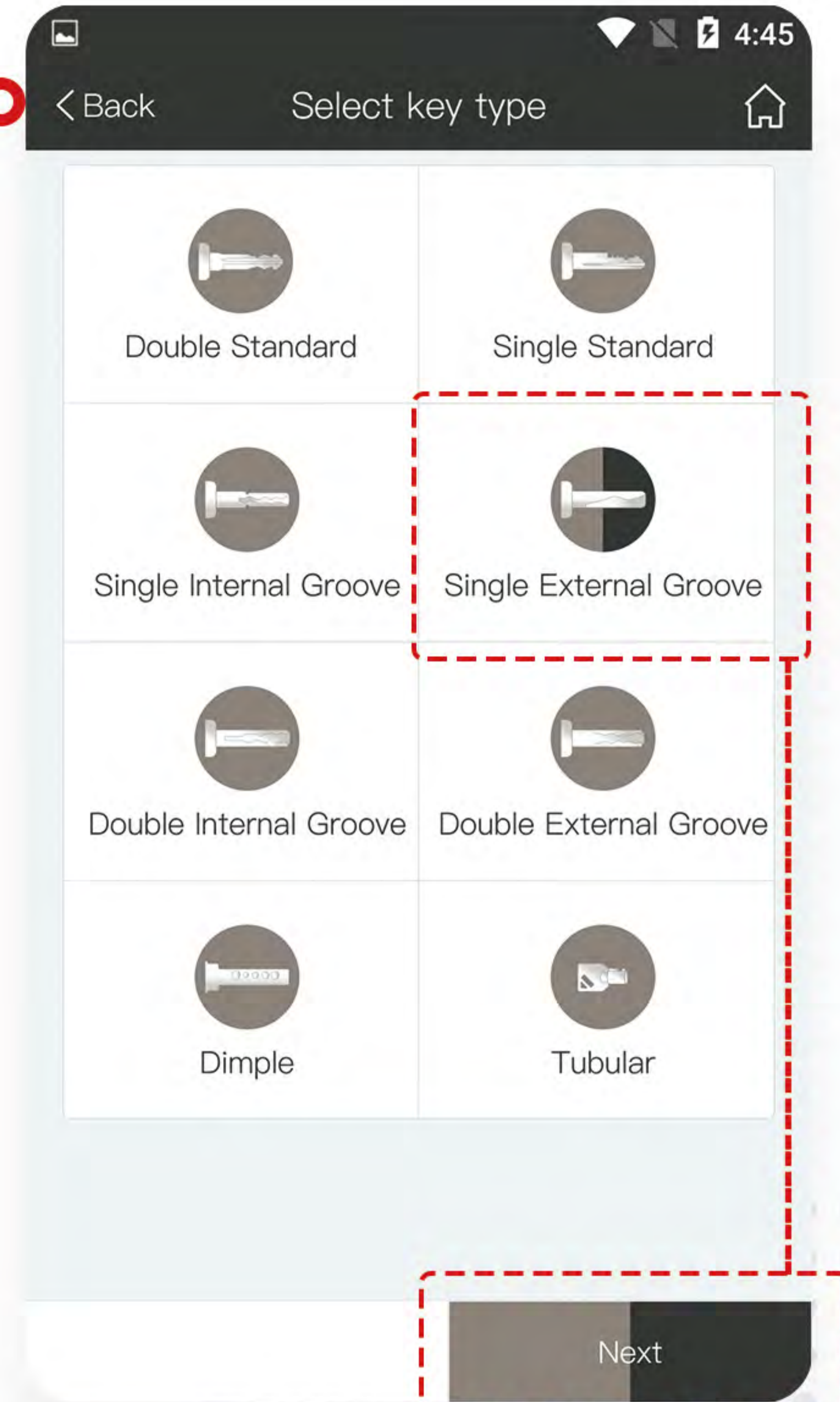
Step 1

Click "Custom Keys" button in Home Page



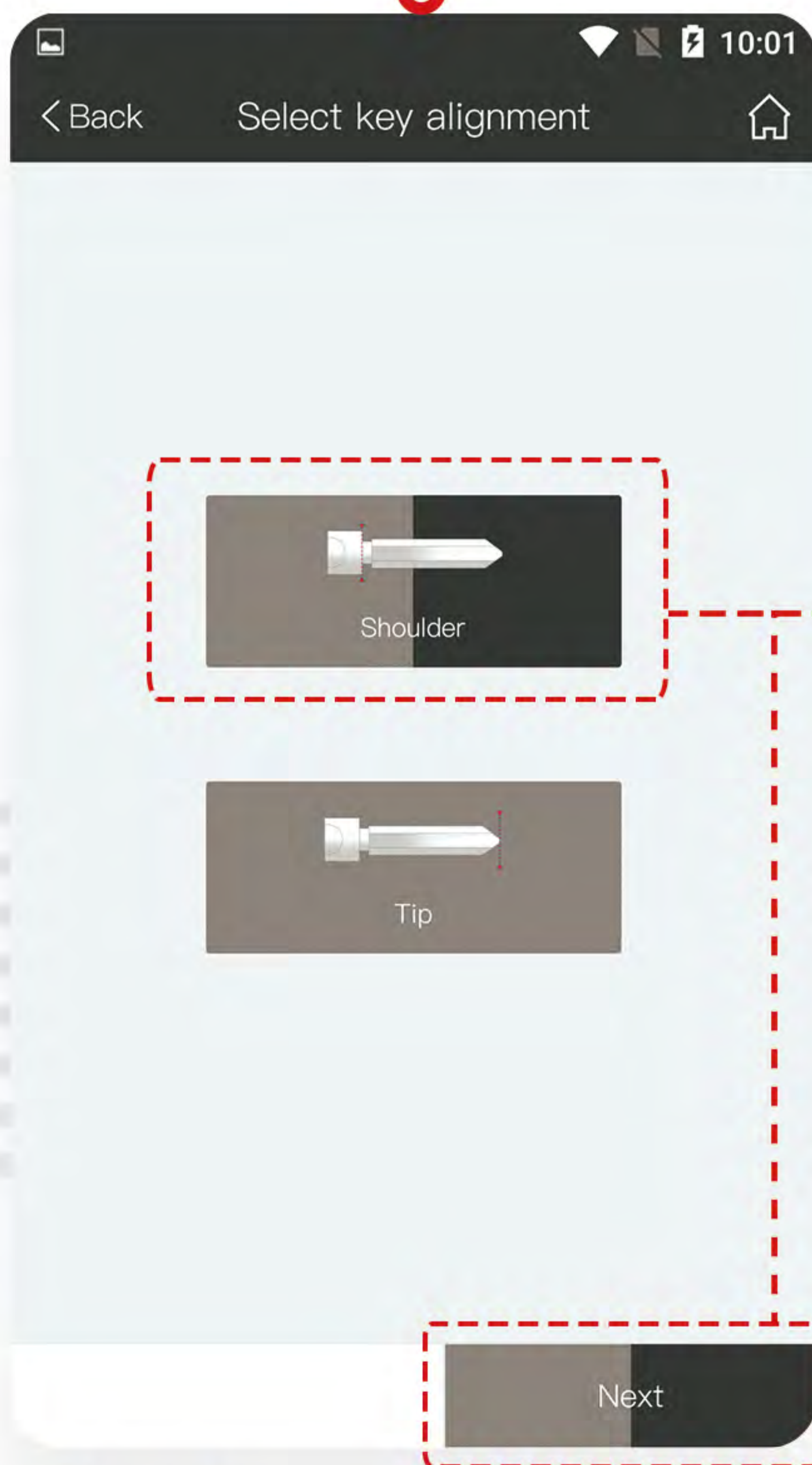
Step 2

Click "+" button



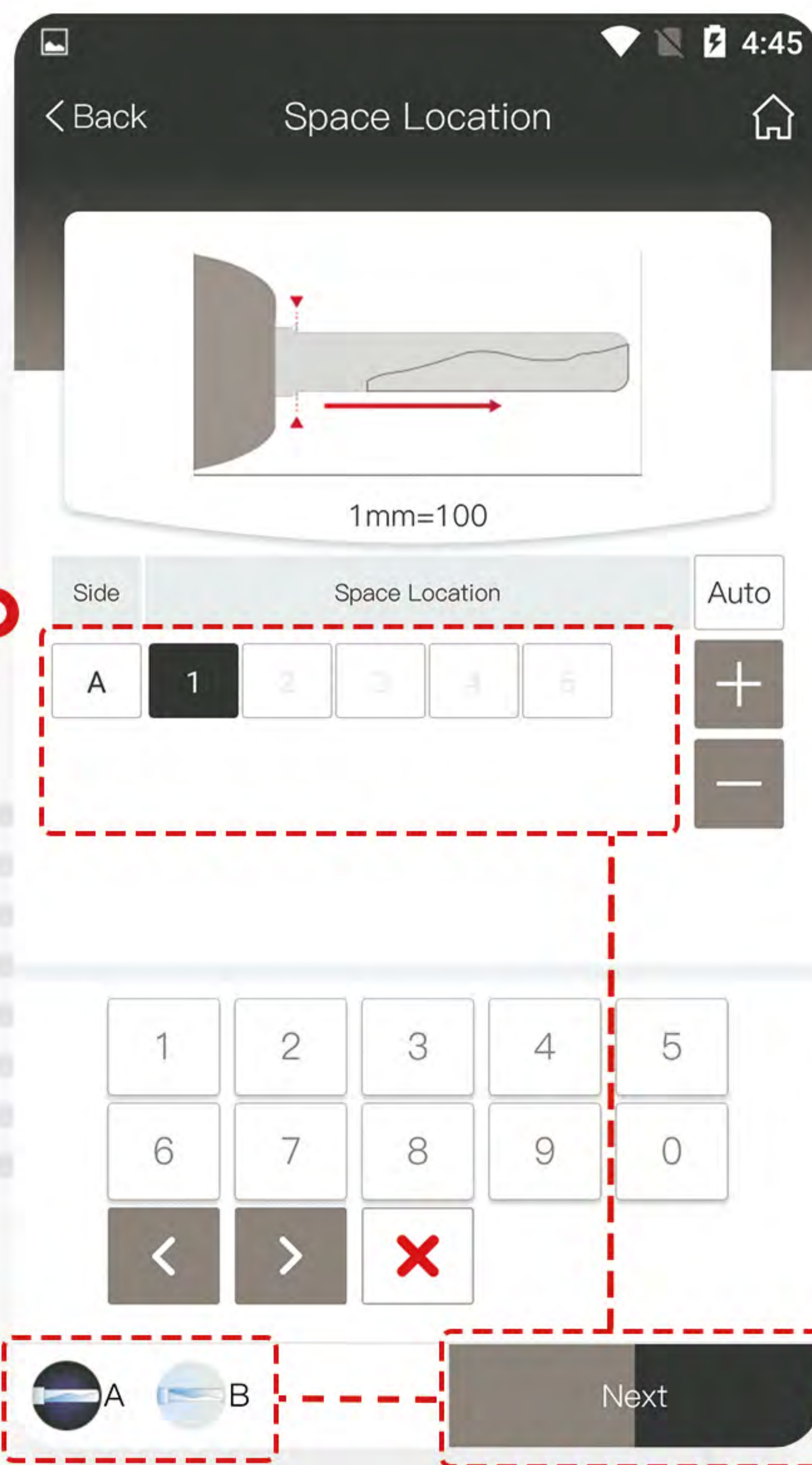
Step 3

Click "Single External Groove" and "Next" button



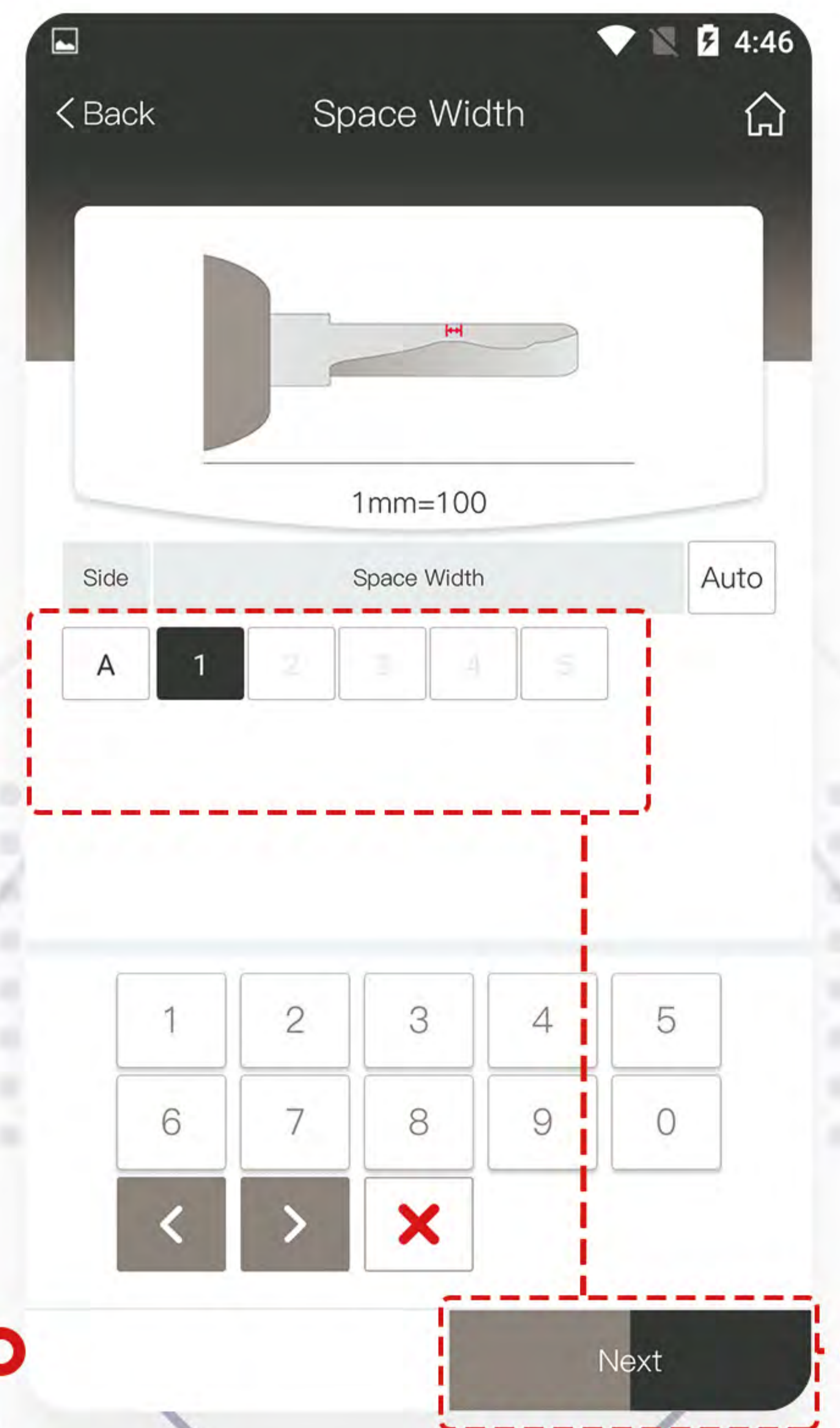
Step 4

Click "Shoulder" and "Next" button



Step 5

Choose Side "A" and input the parameters in space location and click "Next" button



Step 6

Input the parameters in space width and click "Next" button

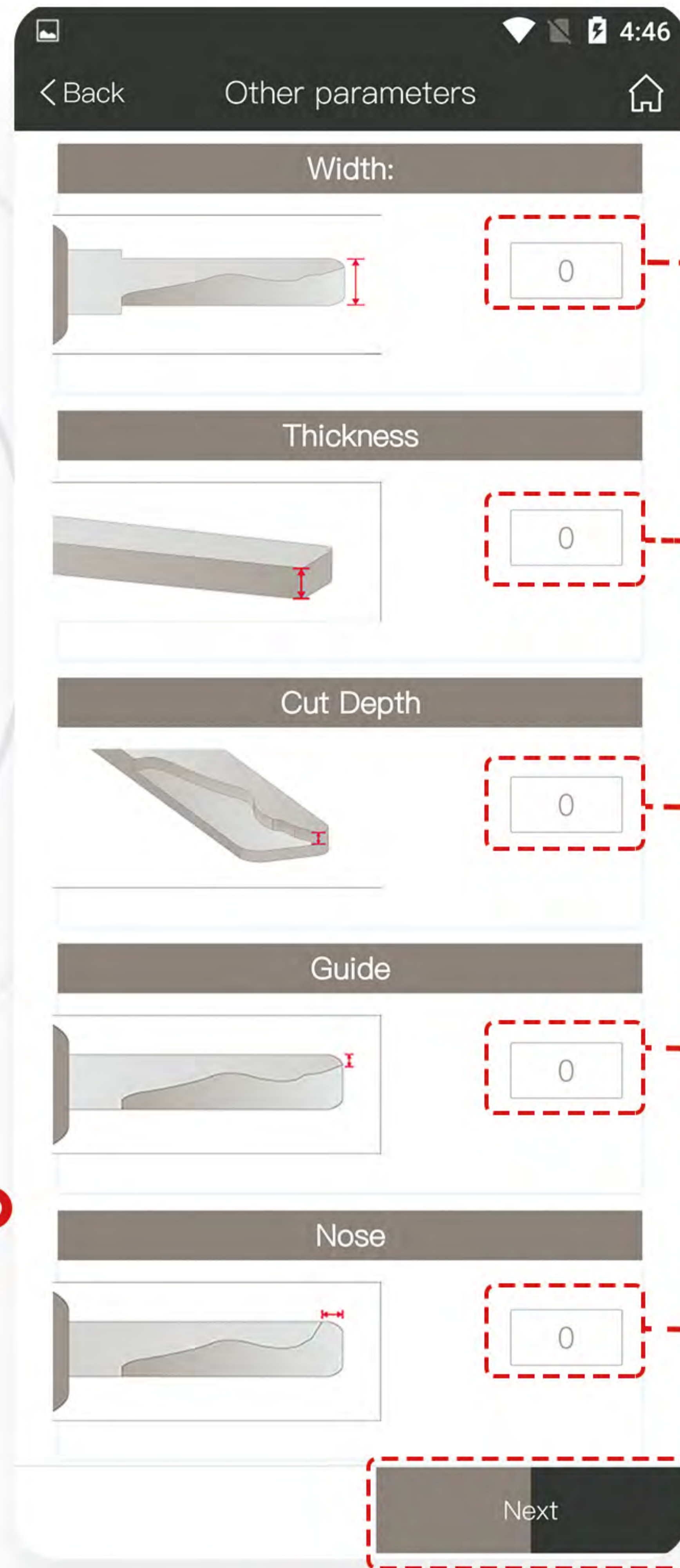
Custom Keys

Single External Laser-Cut Key



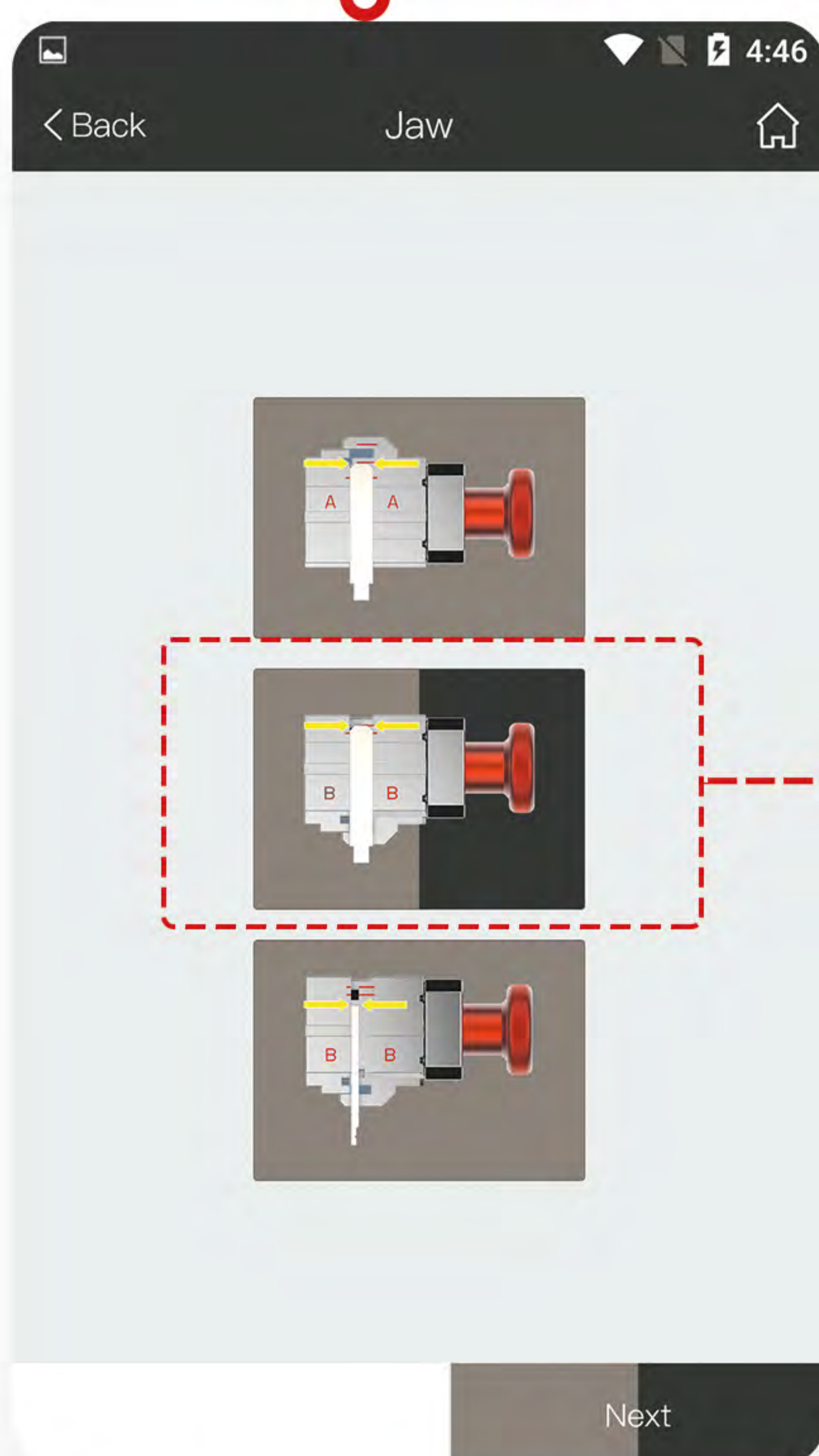
Step 7

Input the parameters in depth and click "Next" button



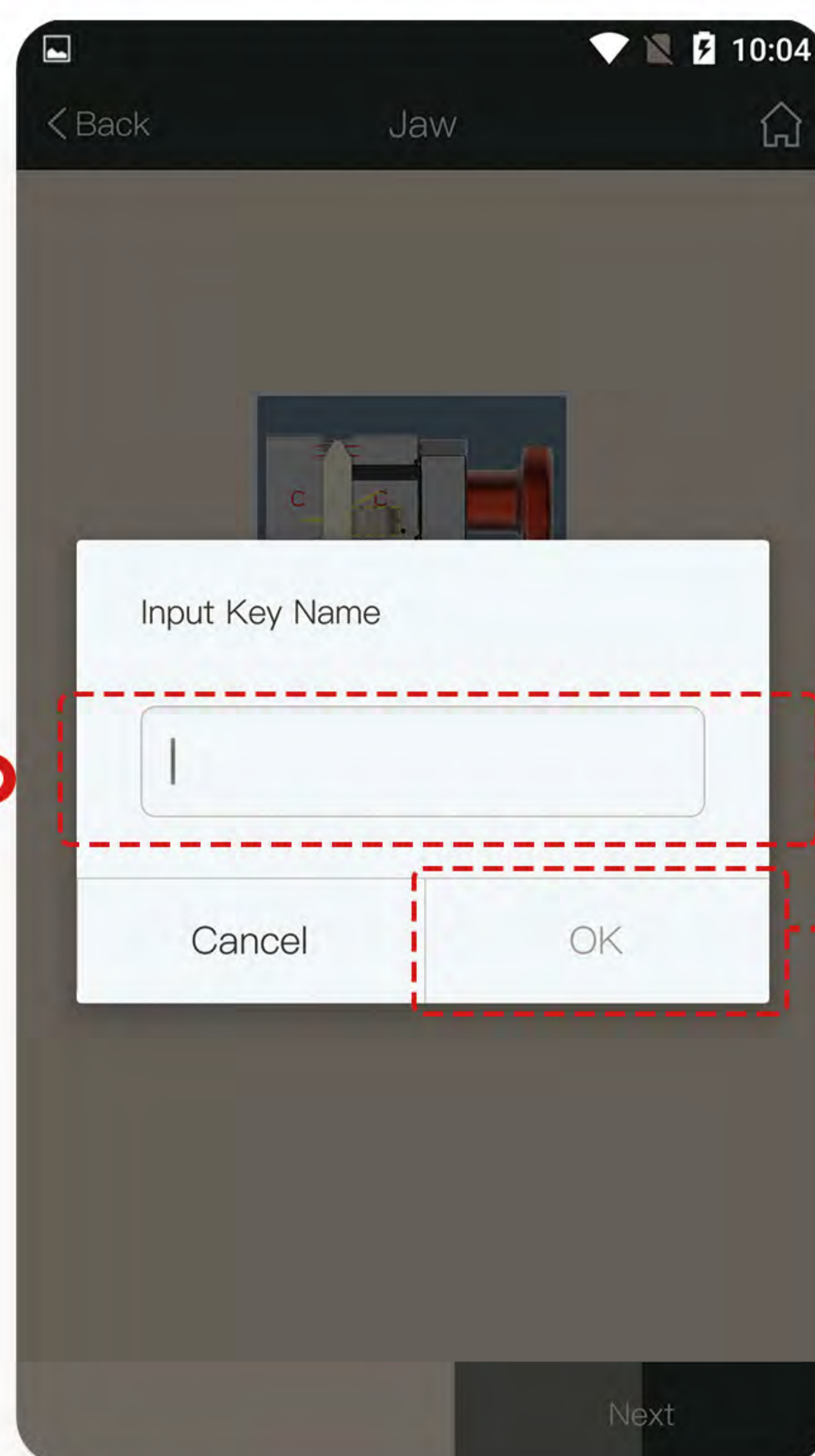
Step 8

Input the parameters in width/ thickness/ cut depth/ guide/ nose and click "Next" button



Step 9

Choose correct "Jaw S1-B" and click "Next" button



Step 10

Name the new key data and click "OK" button



Step 11

Review the key data you just added

Custom Keys

Double Internal Laser-Cut Key



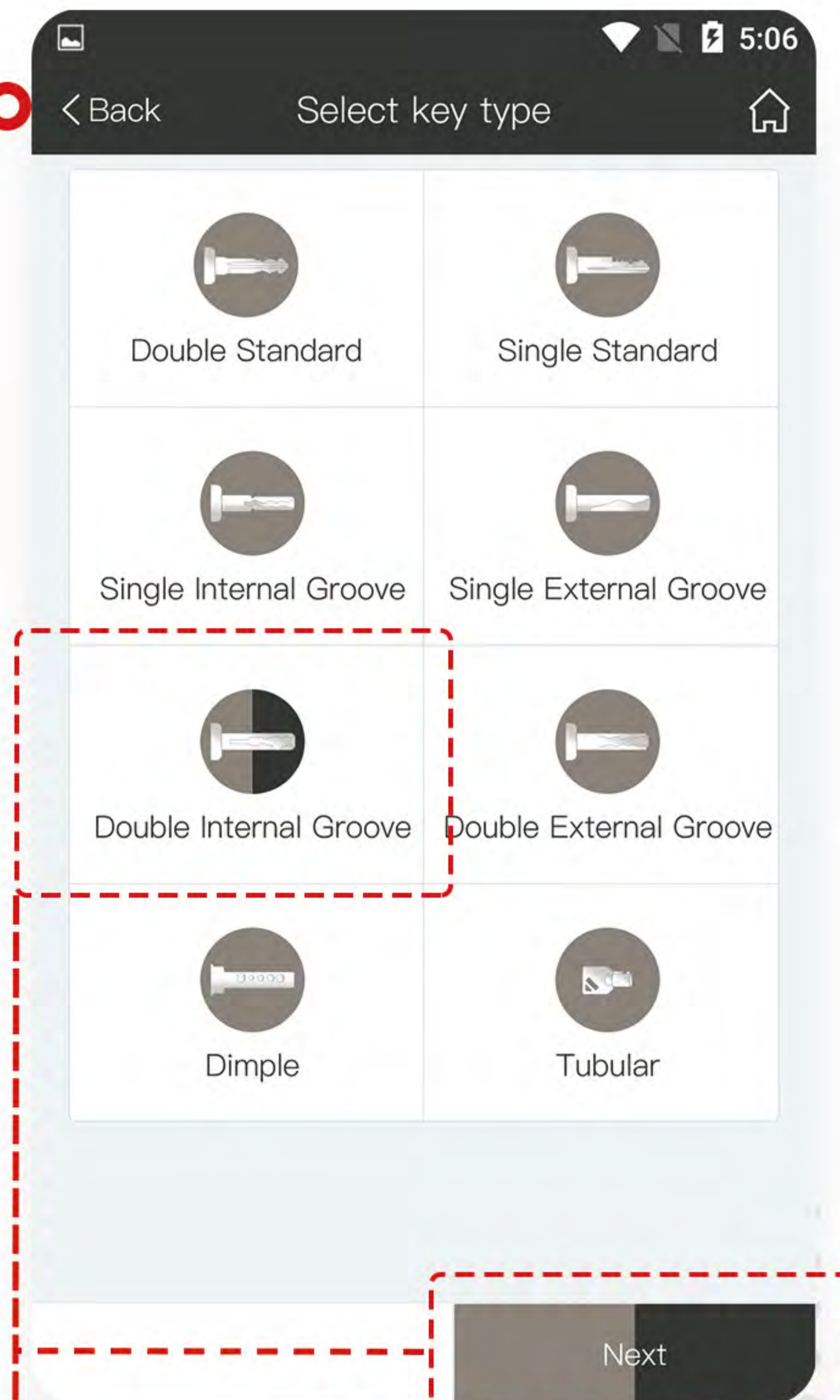
Step 1

Click "Custom Keys" button in Home Page



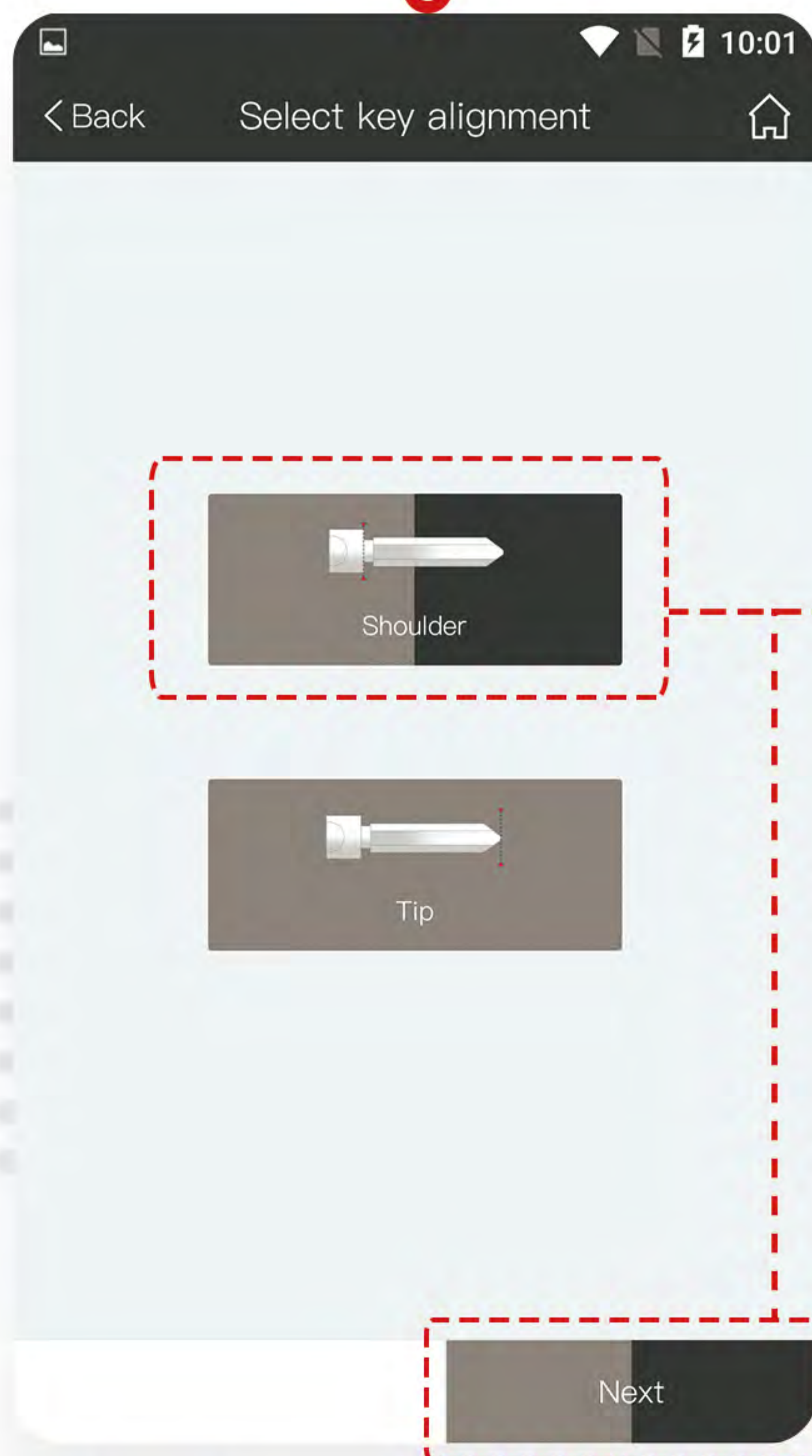
Step 2

Click "+" button



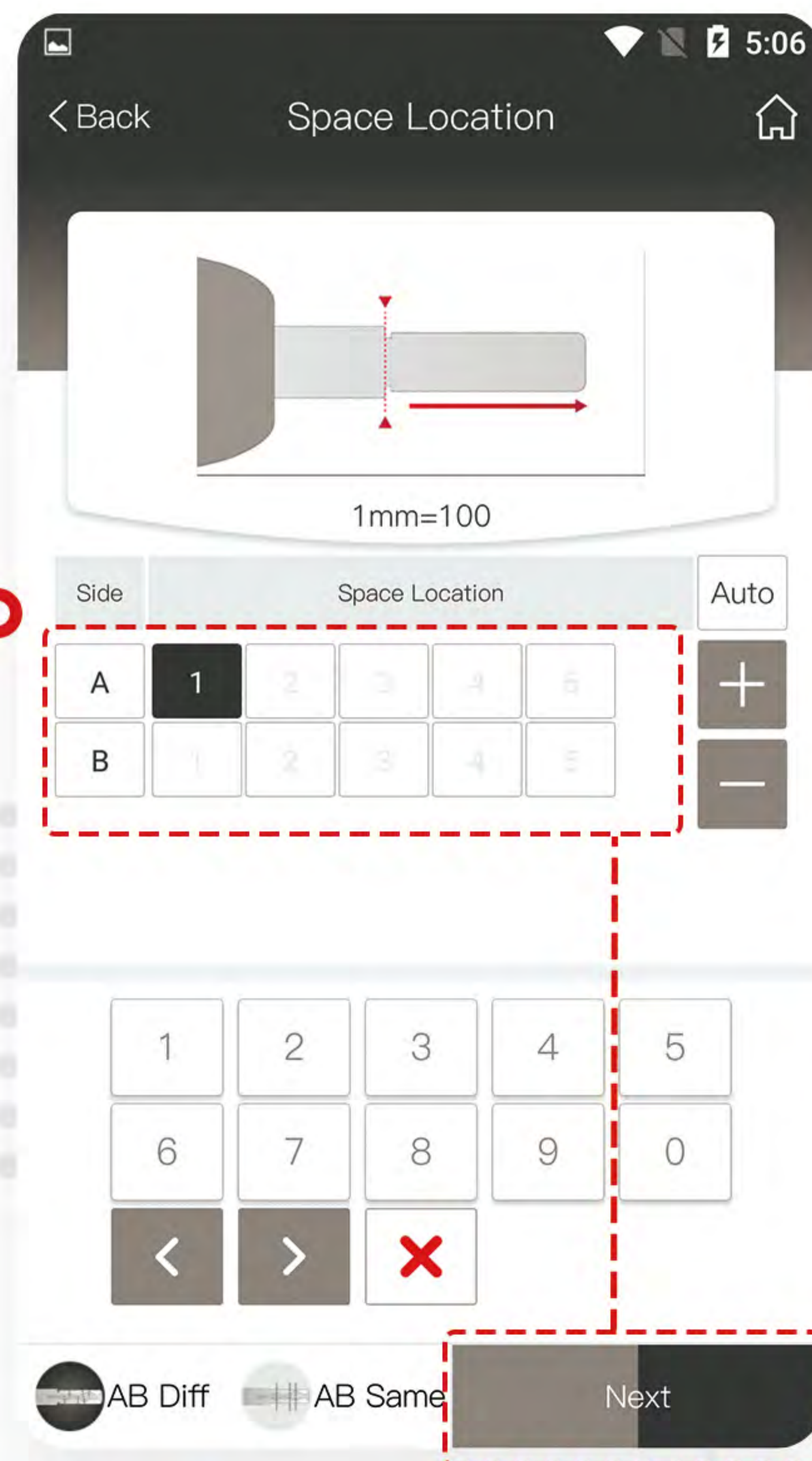
Step 3

Click "Double Internal Groove" and "Next" button



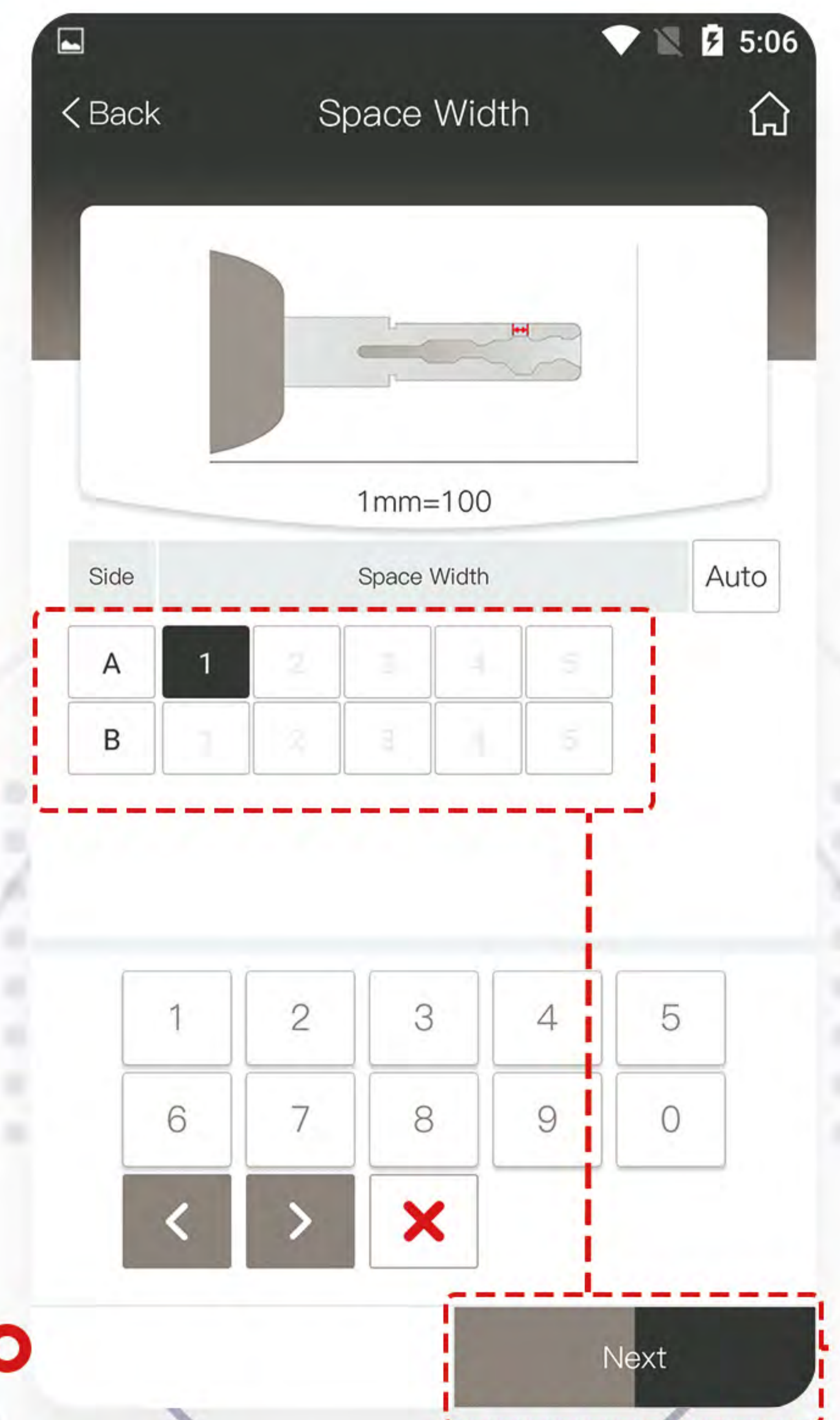
Step 4

Click "Shoulder" and "Next" button



Step 5

Input the parameters in space location and click "Next" button

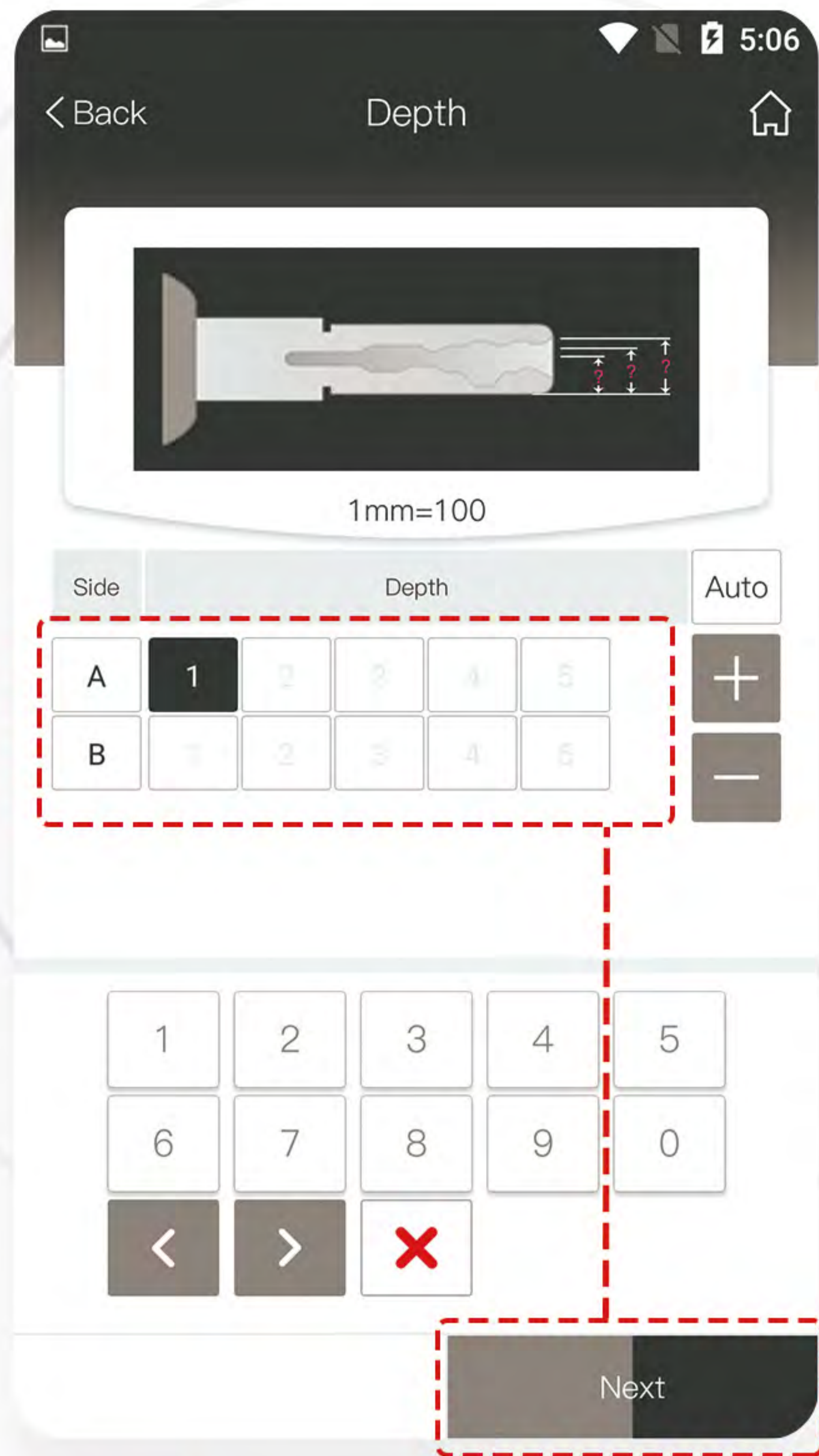


Step 6

Input the parameters in space width and click "Next" button

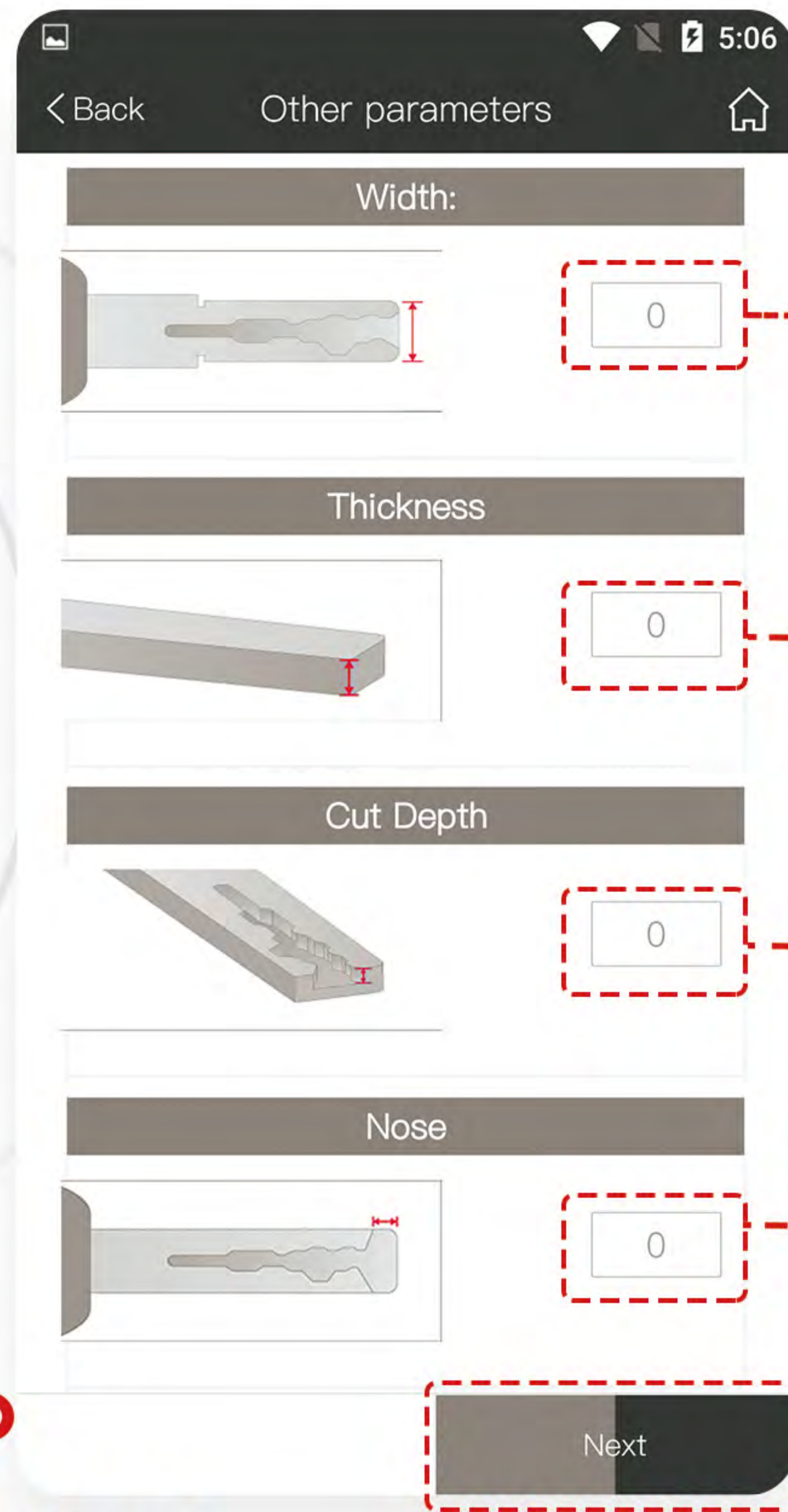
Custom Keys

Double Internal Laser-Cut Key



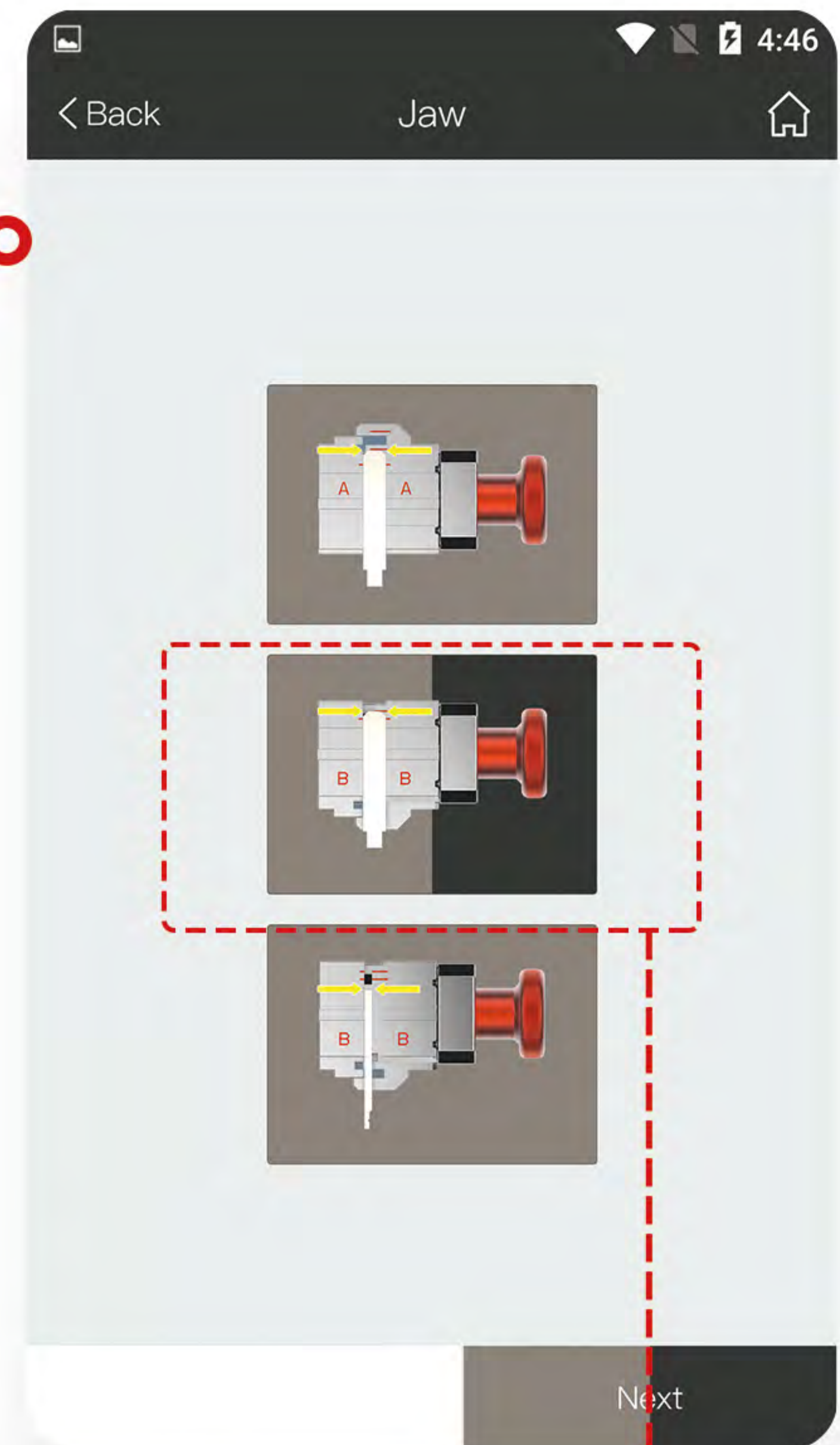
Step 7

Input the parameters in depth and click "Next" button



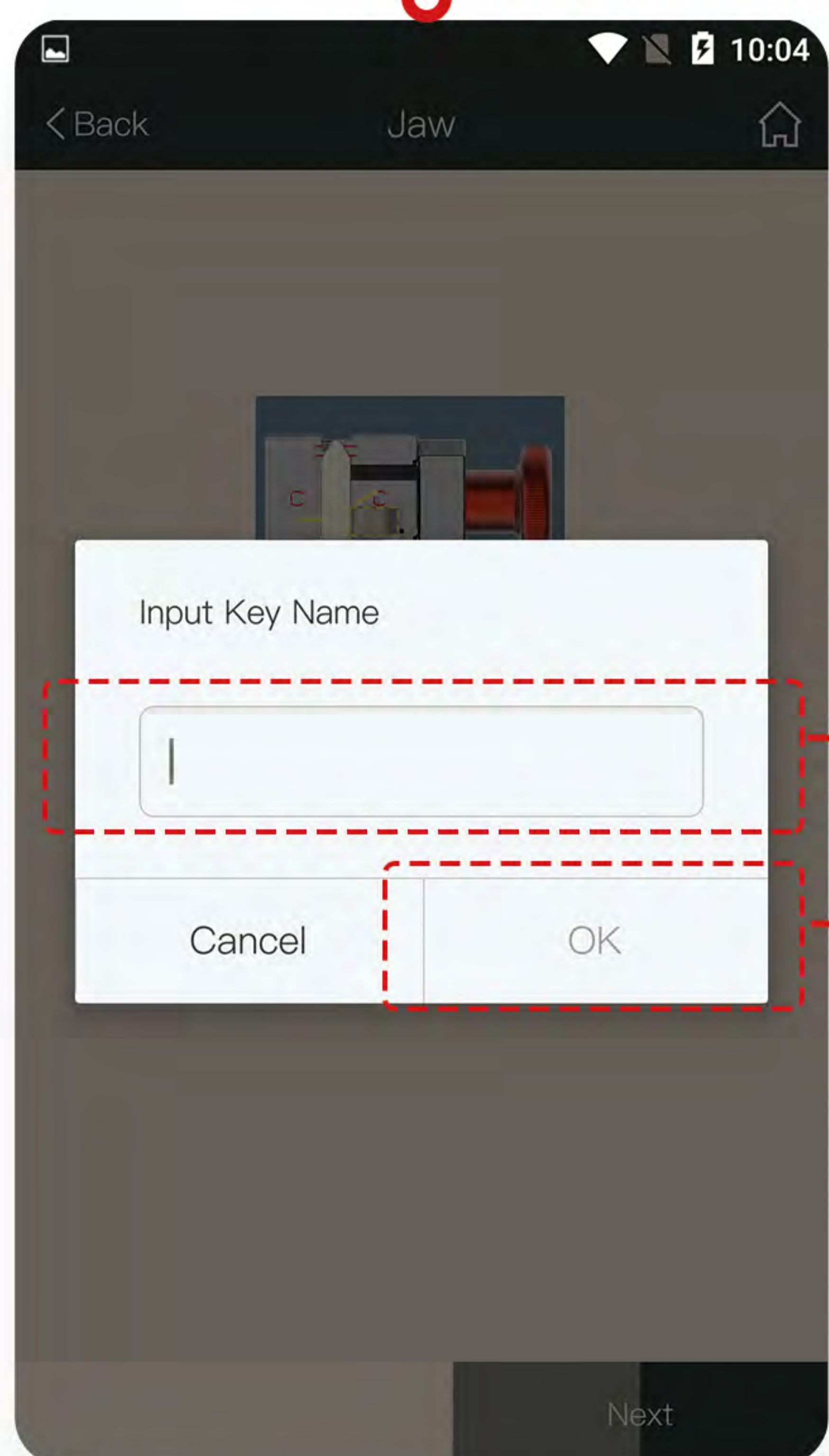
Step 8

Input the parameters in width/ thickness/ cut depth/ nose and click "Next" button



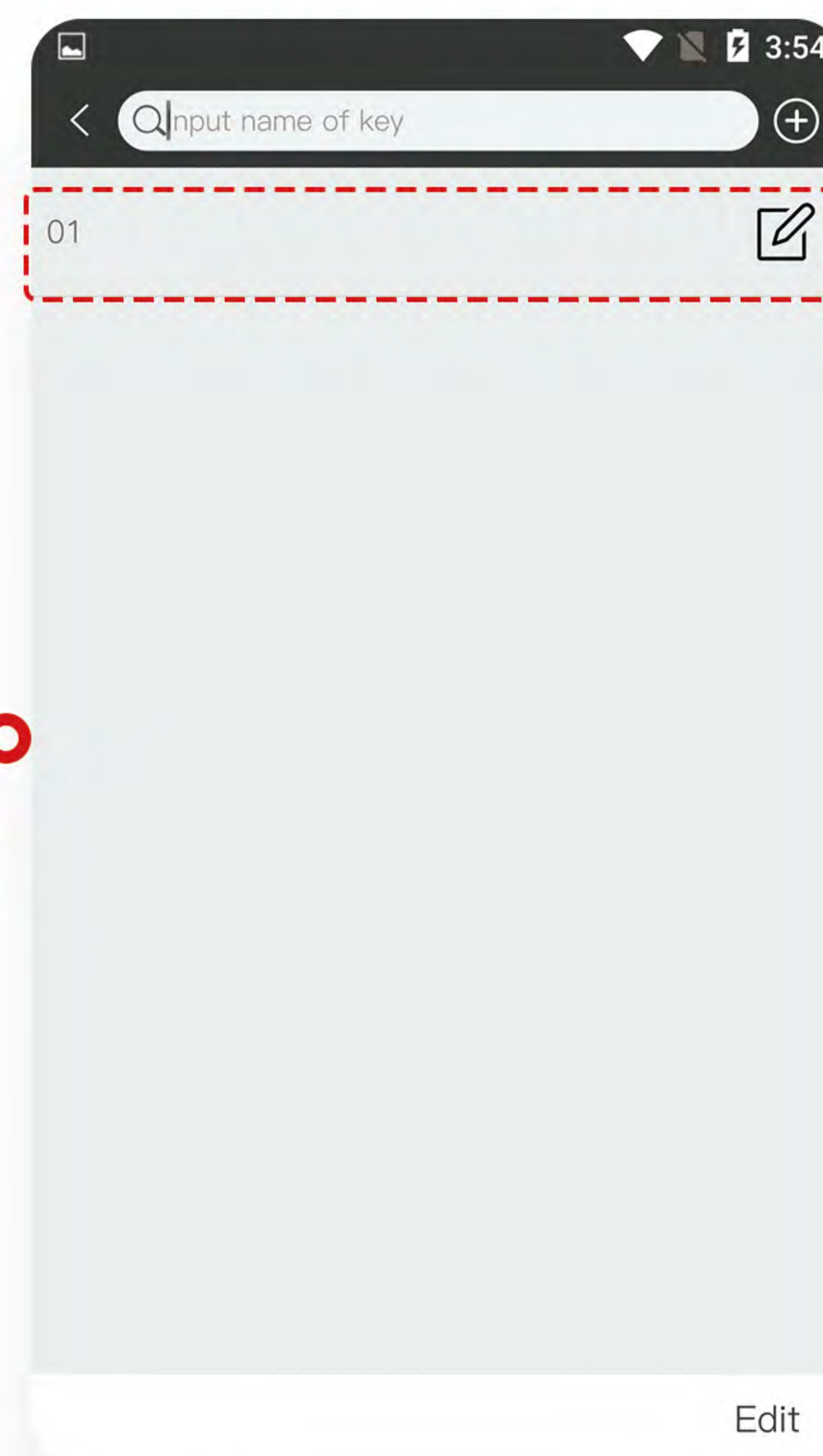
Step 9

Choose correct "Jaw S1-B" and click "Next" button



Step 10

Name the new key data and click "OK" button



Step 11

Review the key data you just added

Custom Keys

Double External Laser-Cut Key



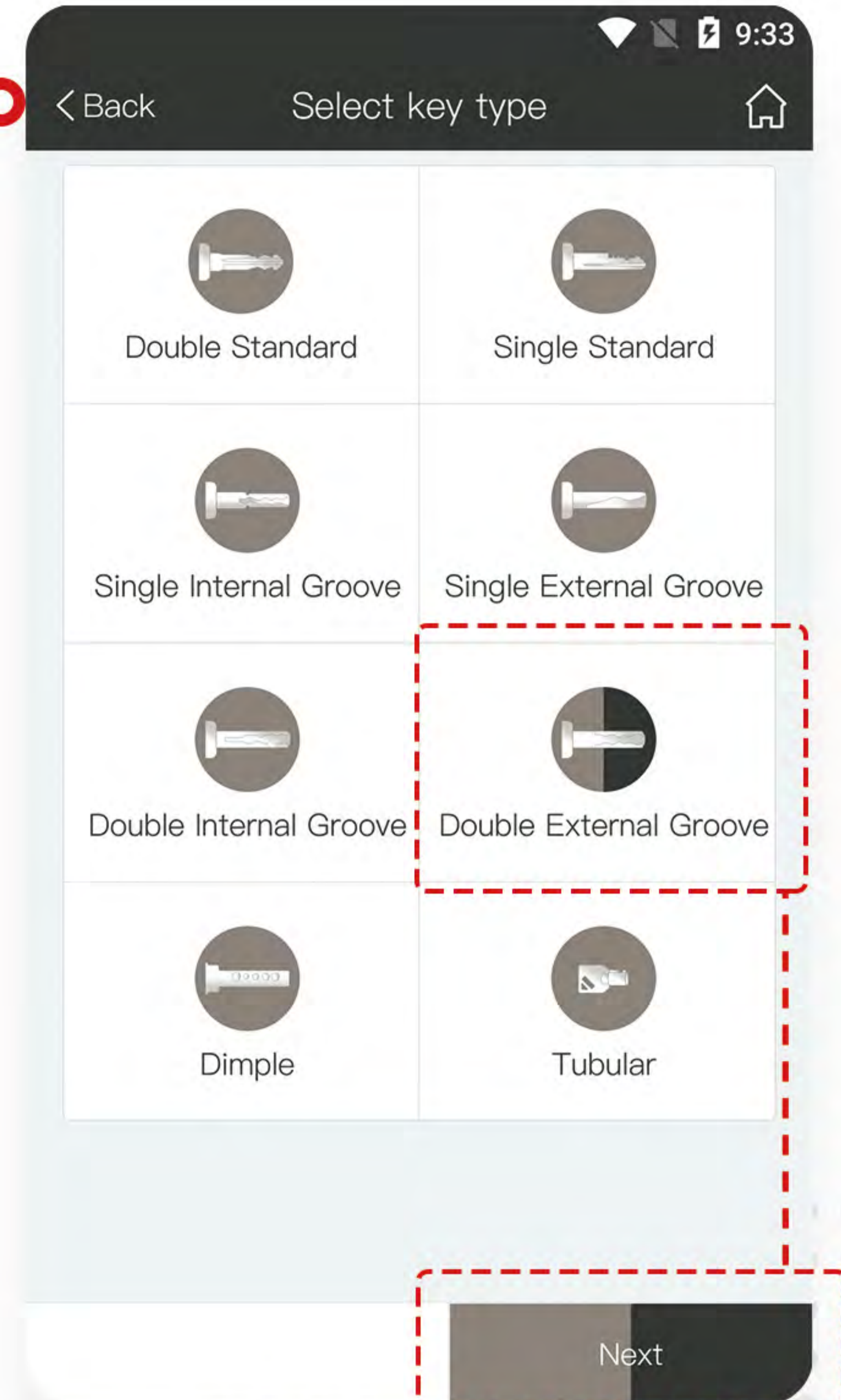
Step 1

Click "Custom Keys" button in Home Page



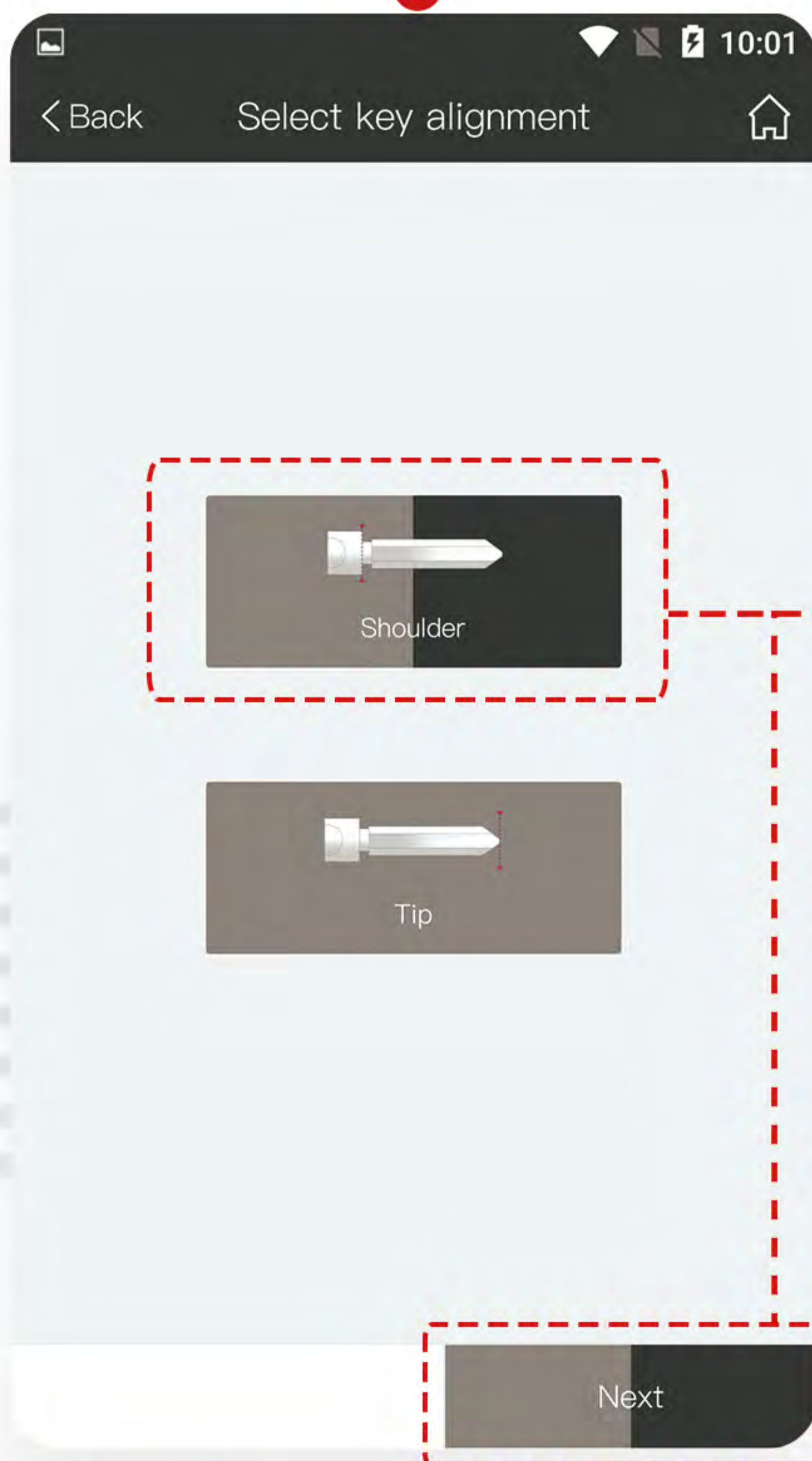
Step 2

Click "+" button



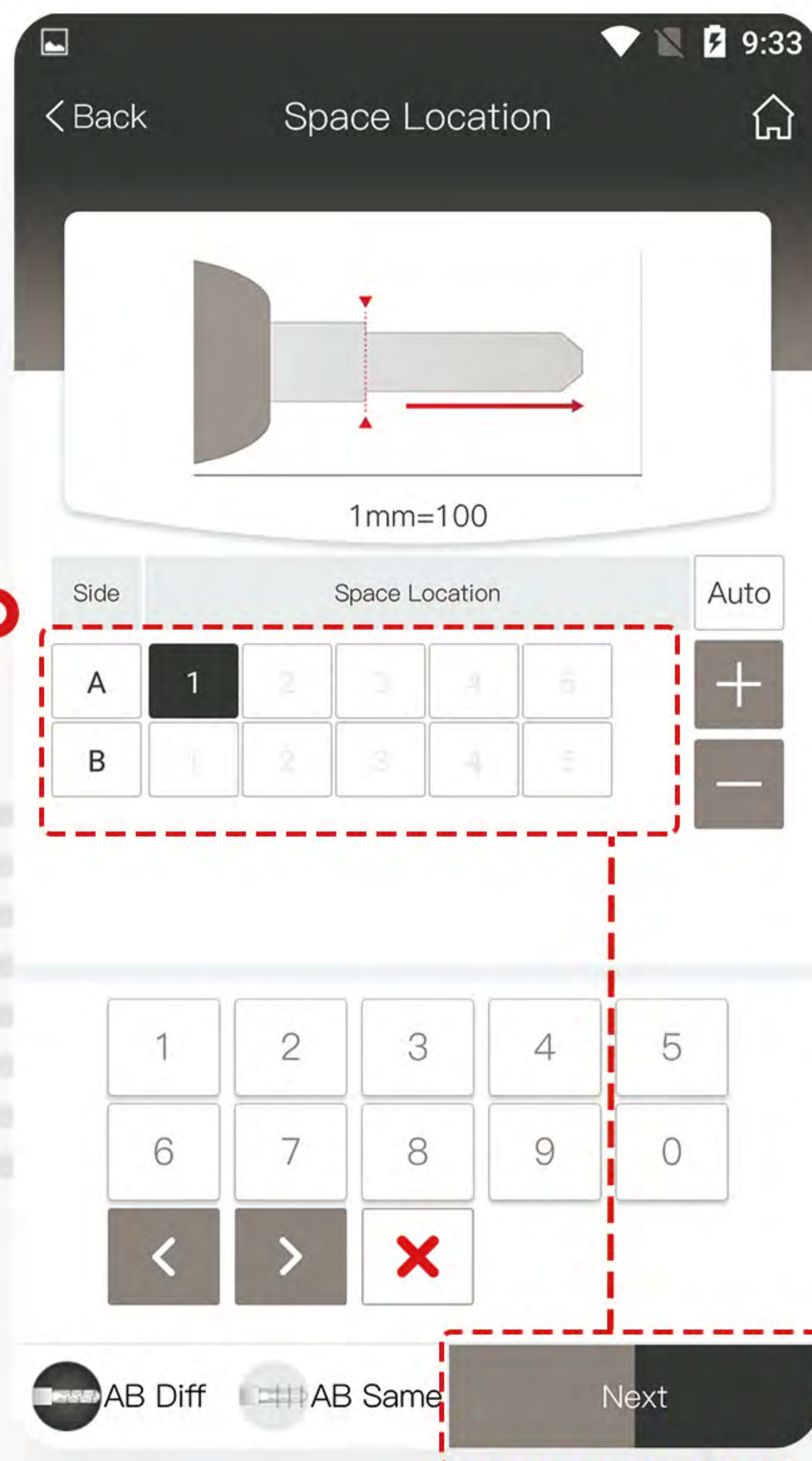
Step 3

Click "Double External Groove" and "Next" button



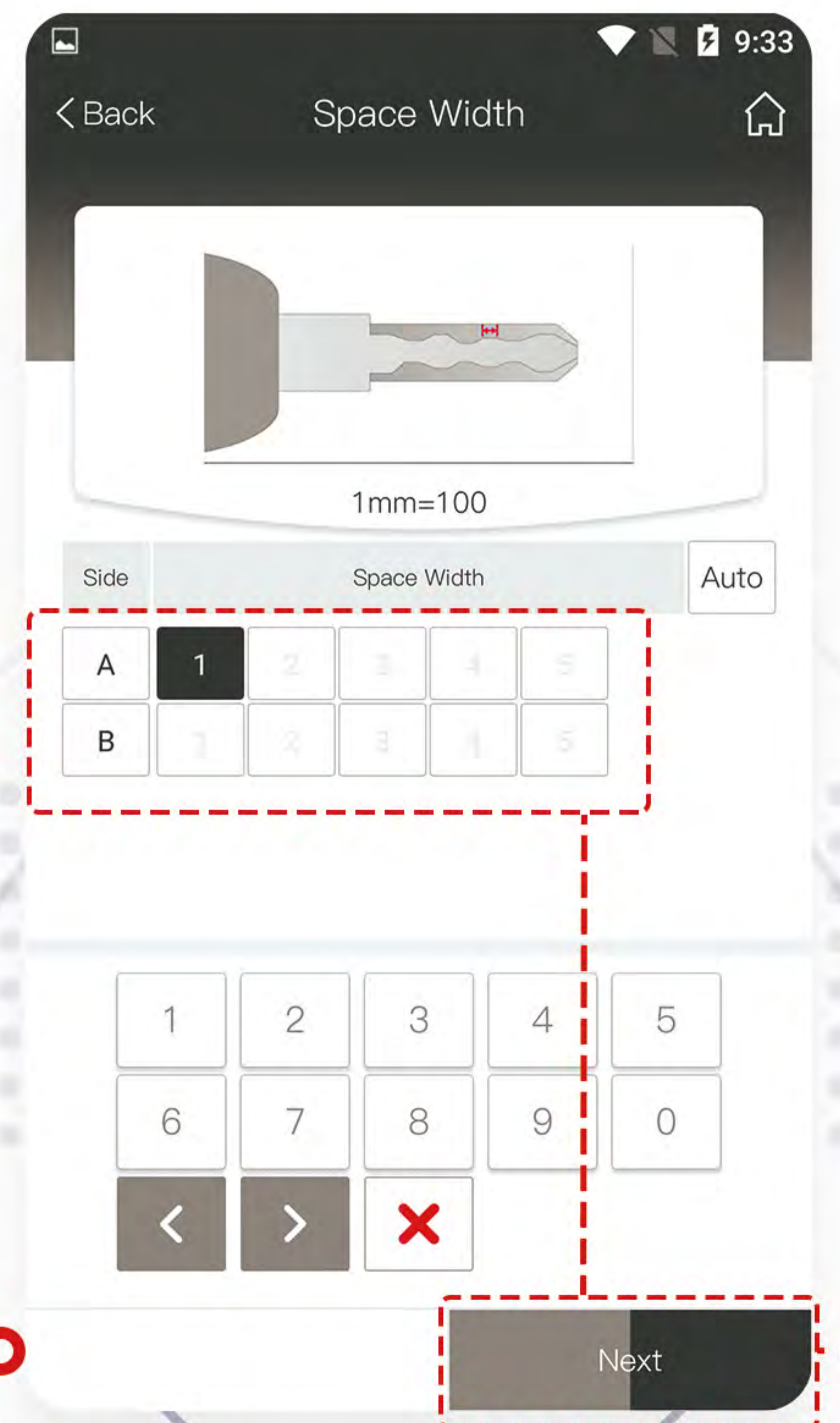
Step 4

Click "Shoulder" and "Next" button



Step 5

Input the parameters in space location and click "Next" button

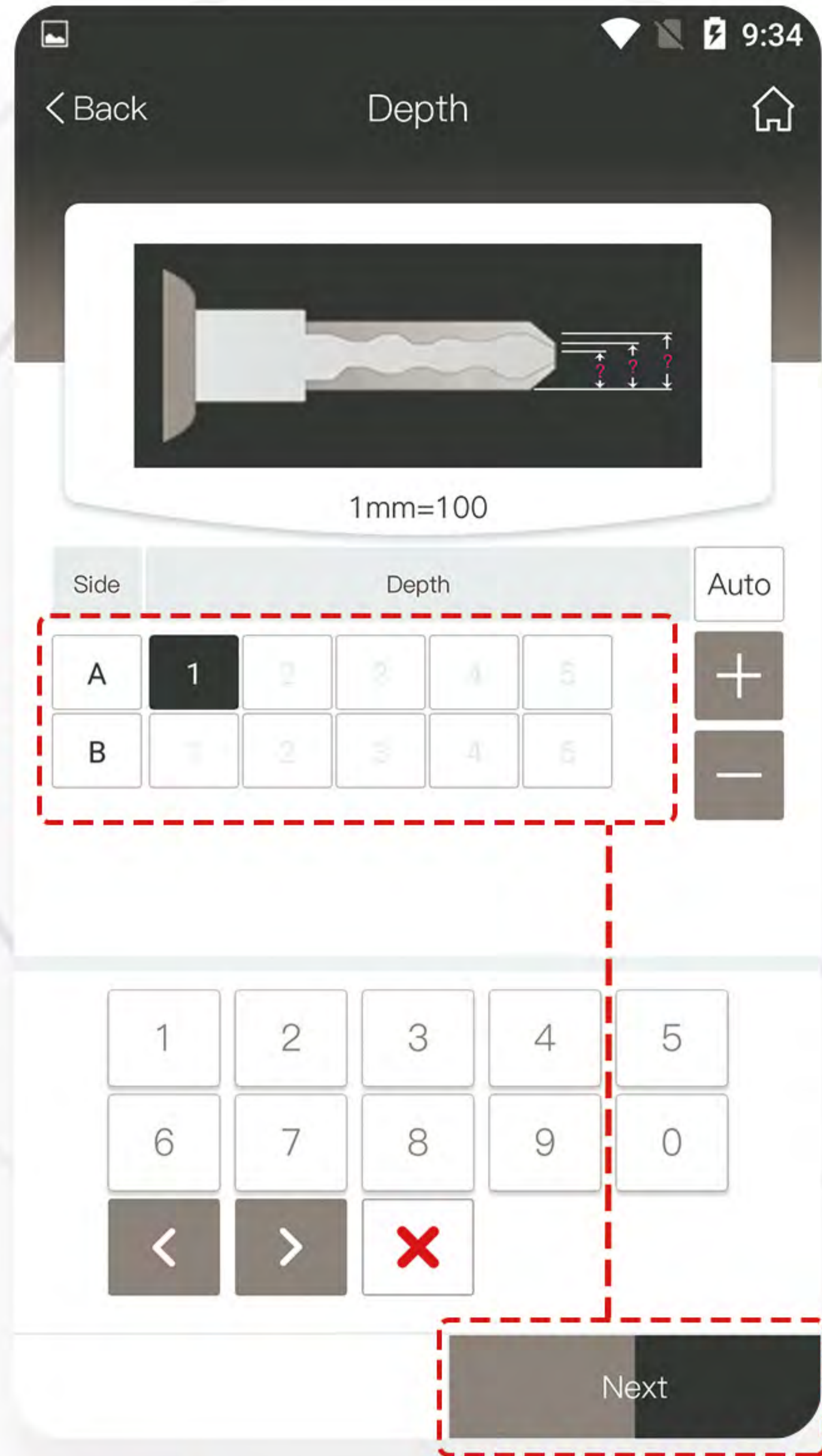


Step 6

Input the parameters in space width and click "Next" button

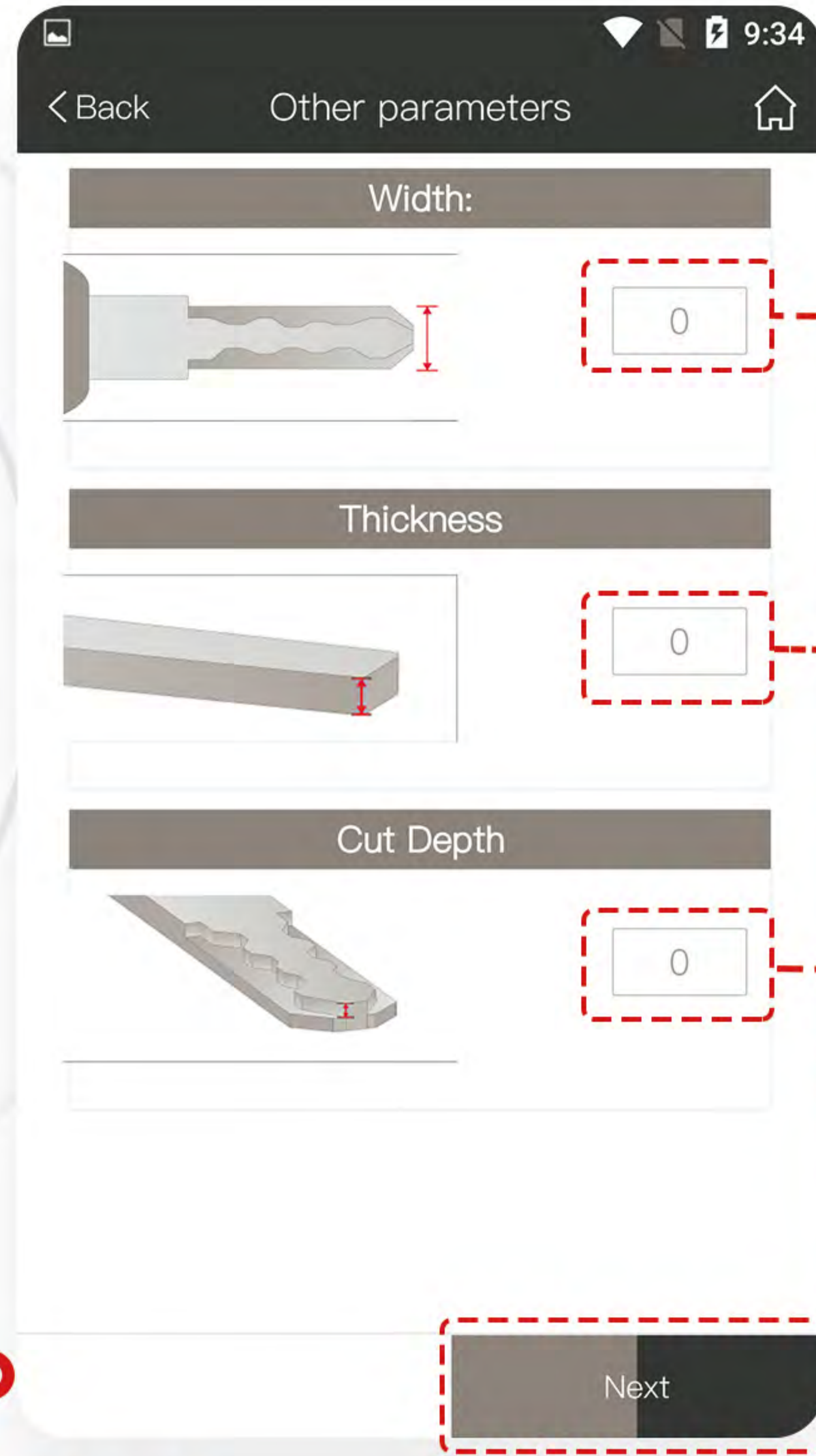
Custom Keys

Double External Laser-Cut Key



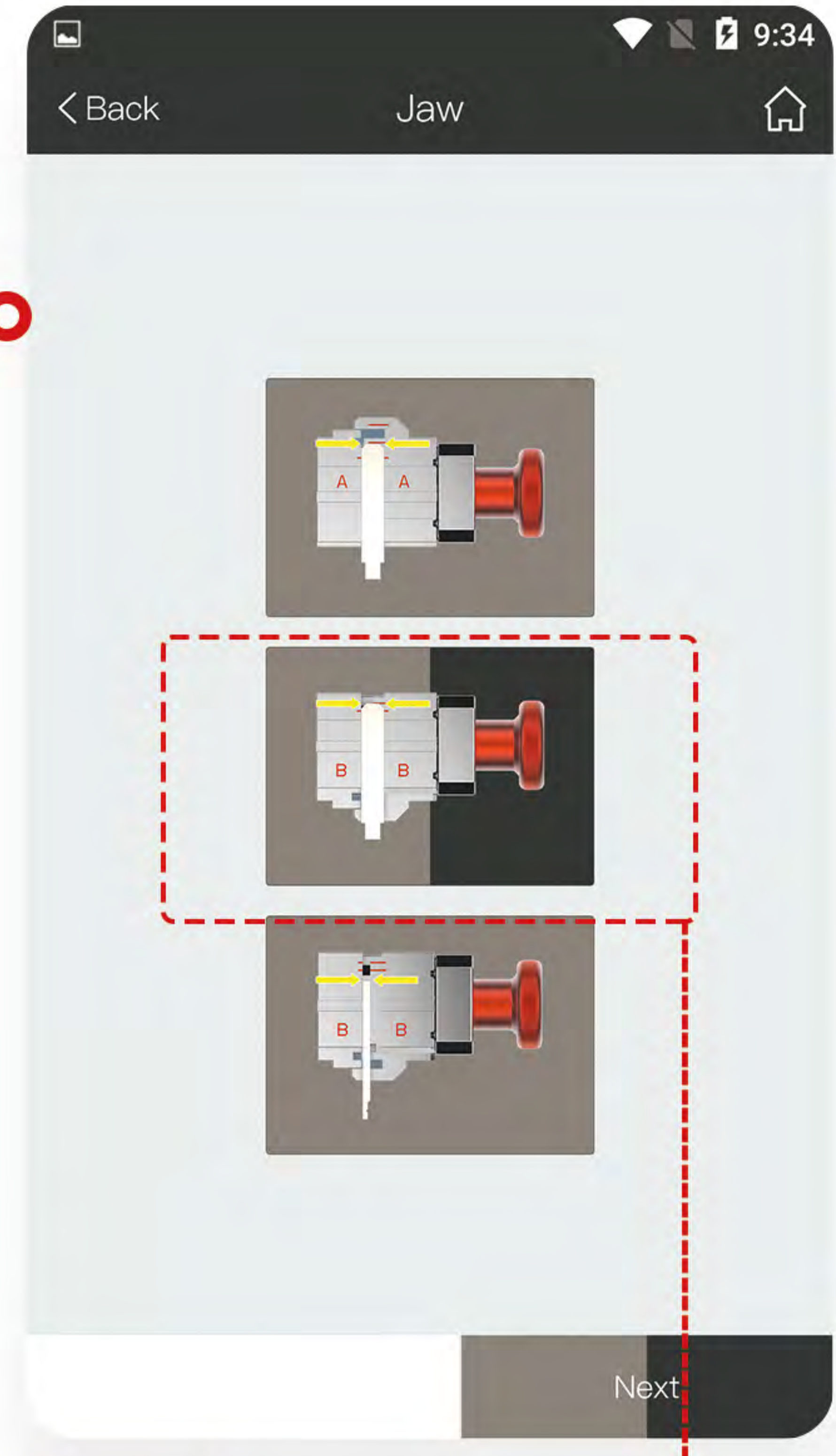
Step 7

Input the parameters in depth and click "Next" button



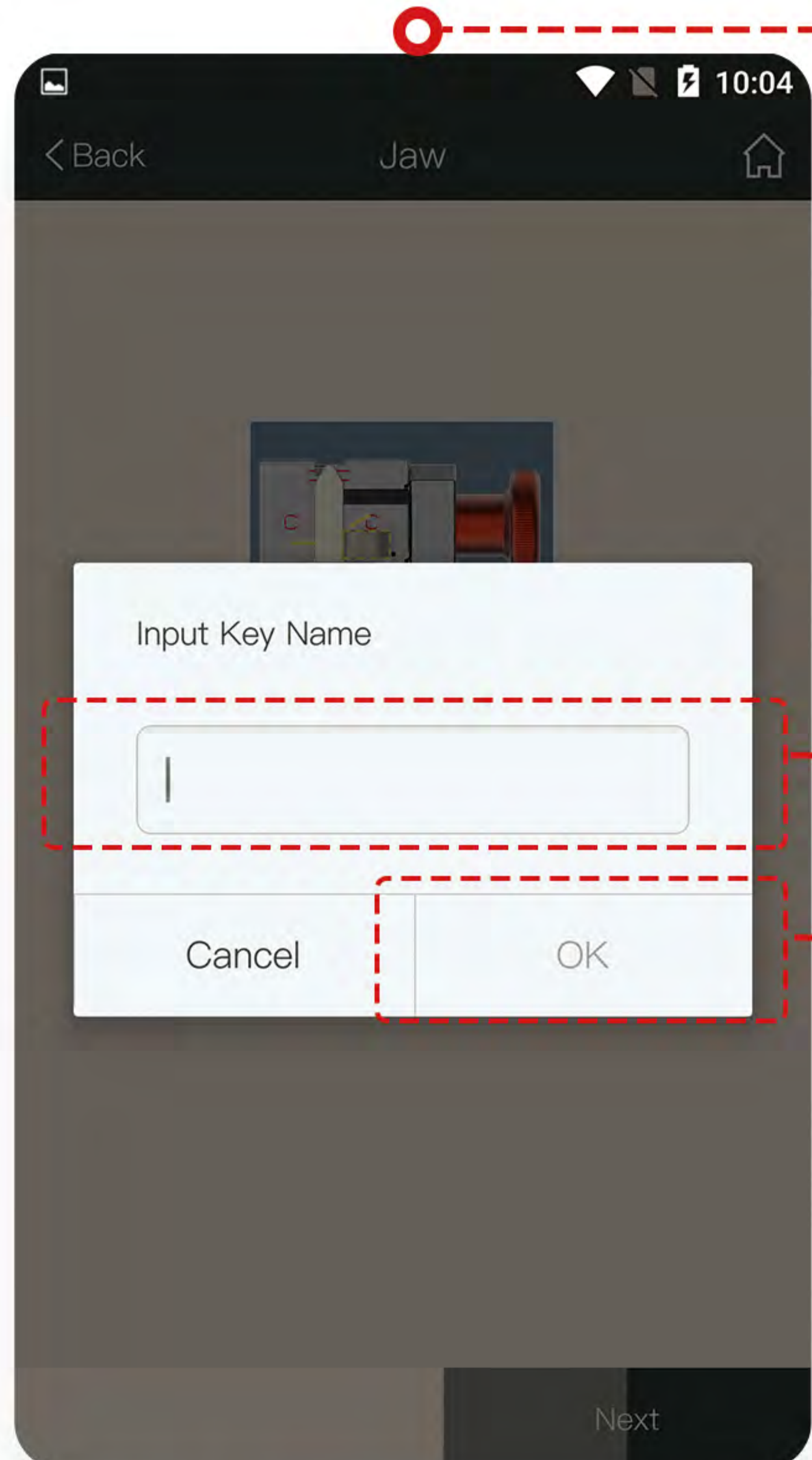
Step 8

Input the parameters in width/ thickness/ cut depth and click "Next" button



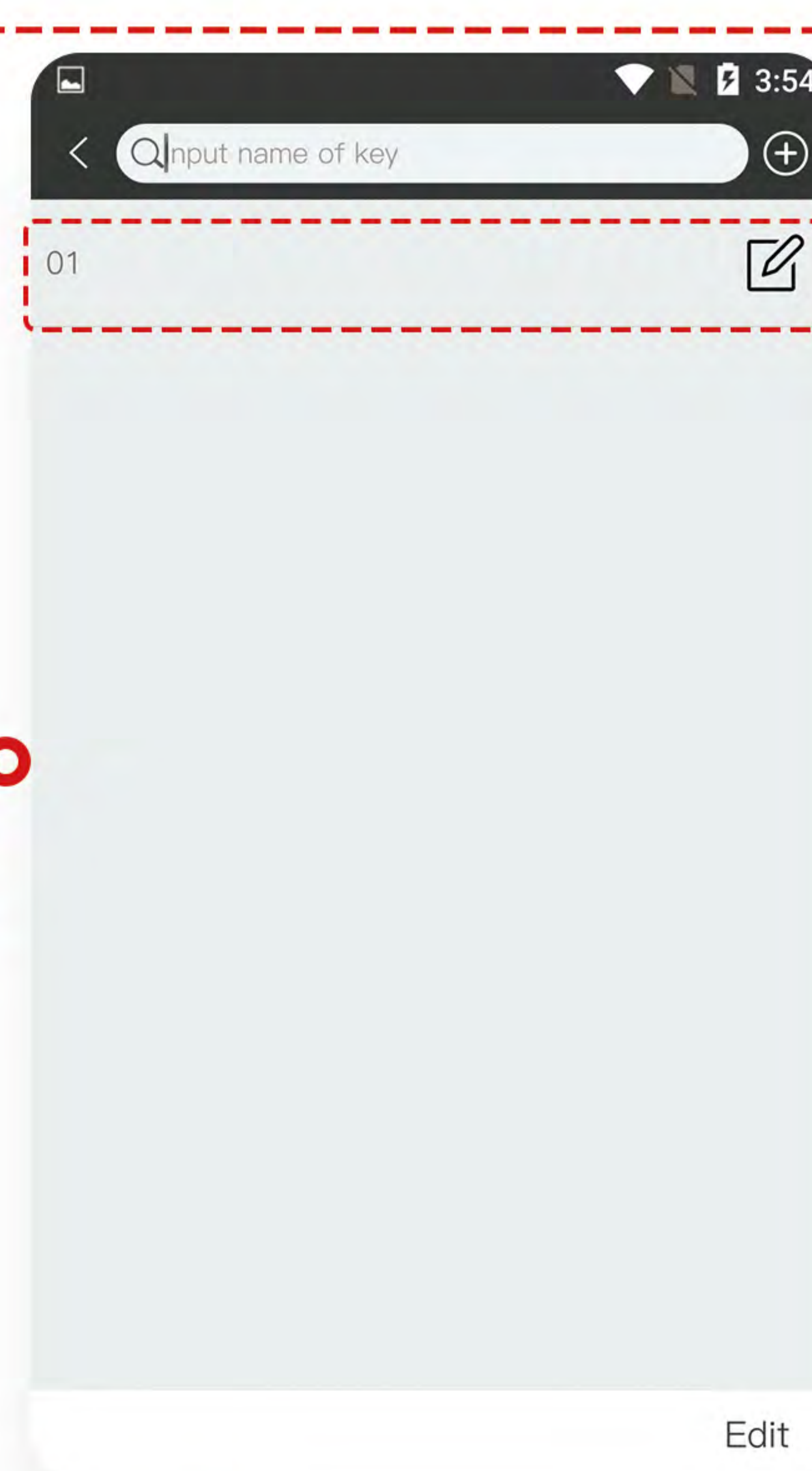
Step 9

Choose correct "Jaw S1-B" and click "Next" button



Step 10

Name the new key data and click "OK" button



Step 11

Review the key data you just added

Custom Keys

Dimple Key



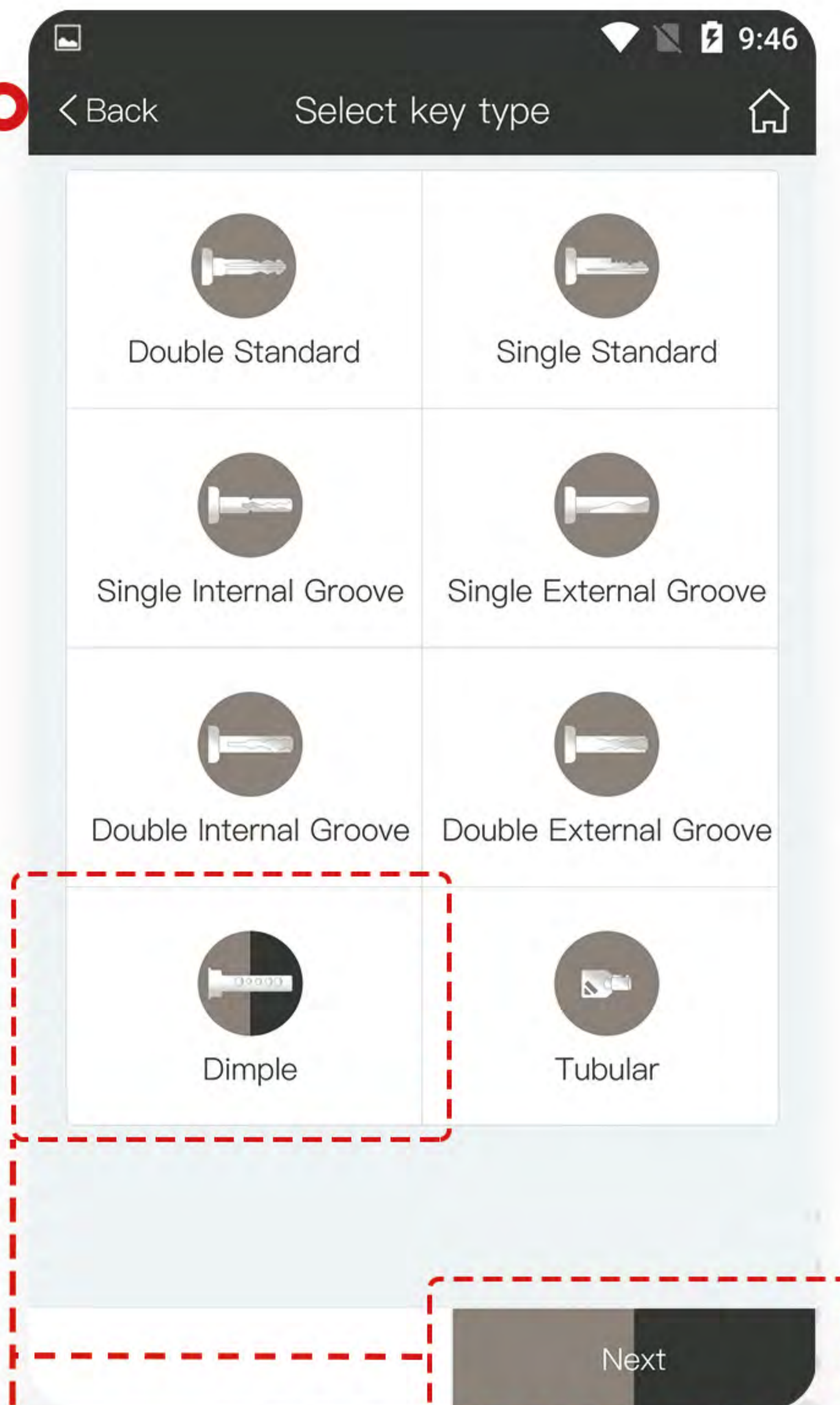
Step 1

Click "Custom Keys" button in Home Page



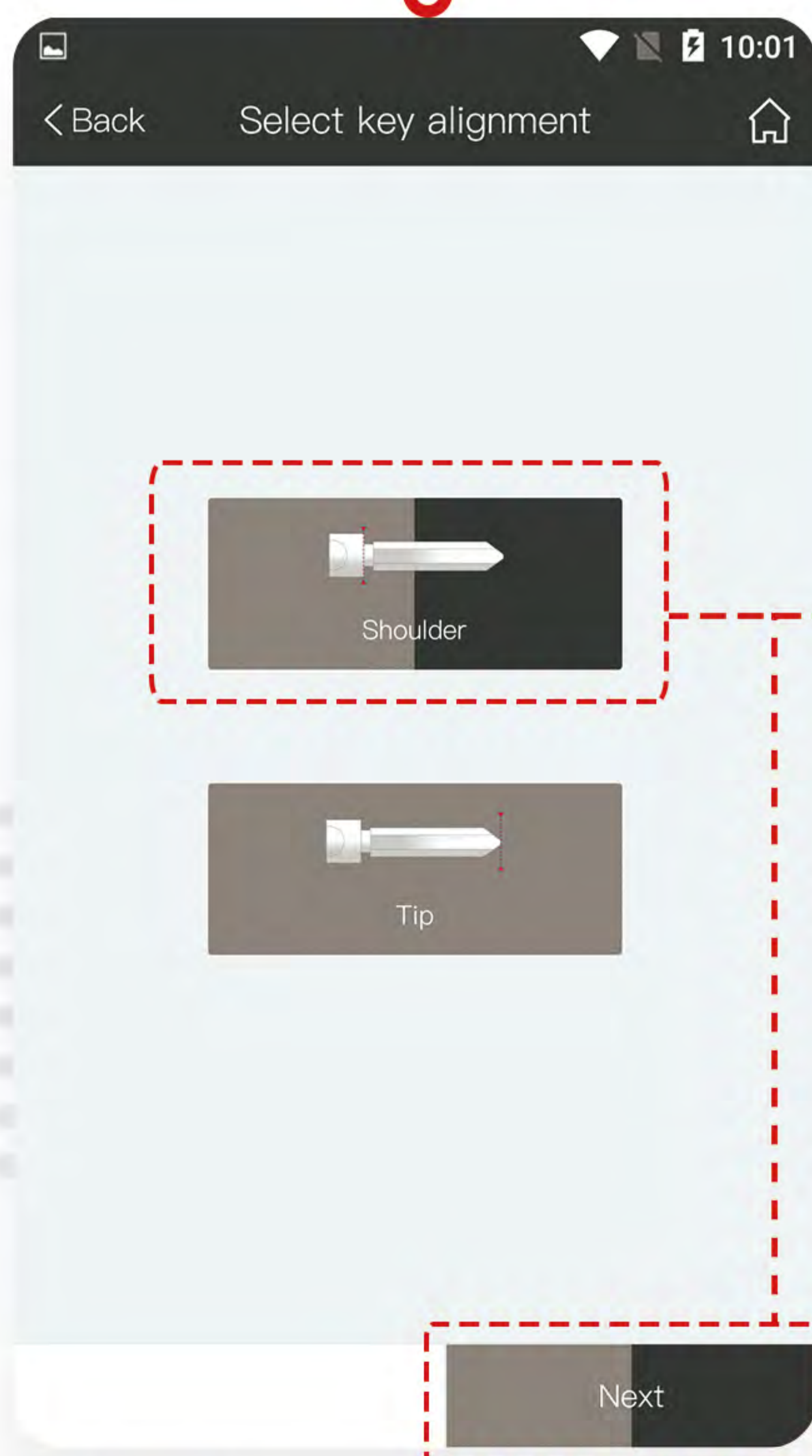
Step 2

Click "+" button



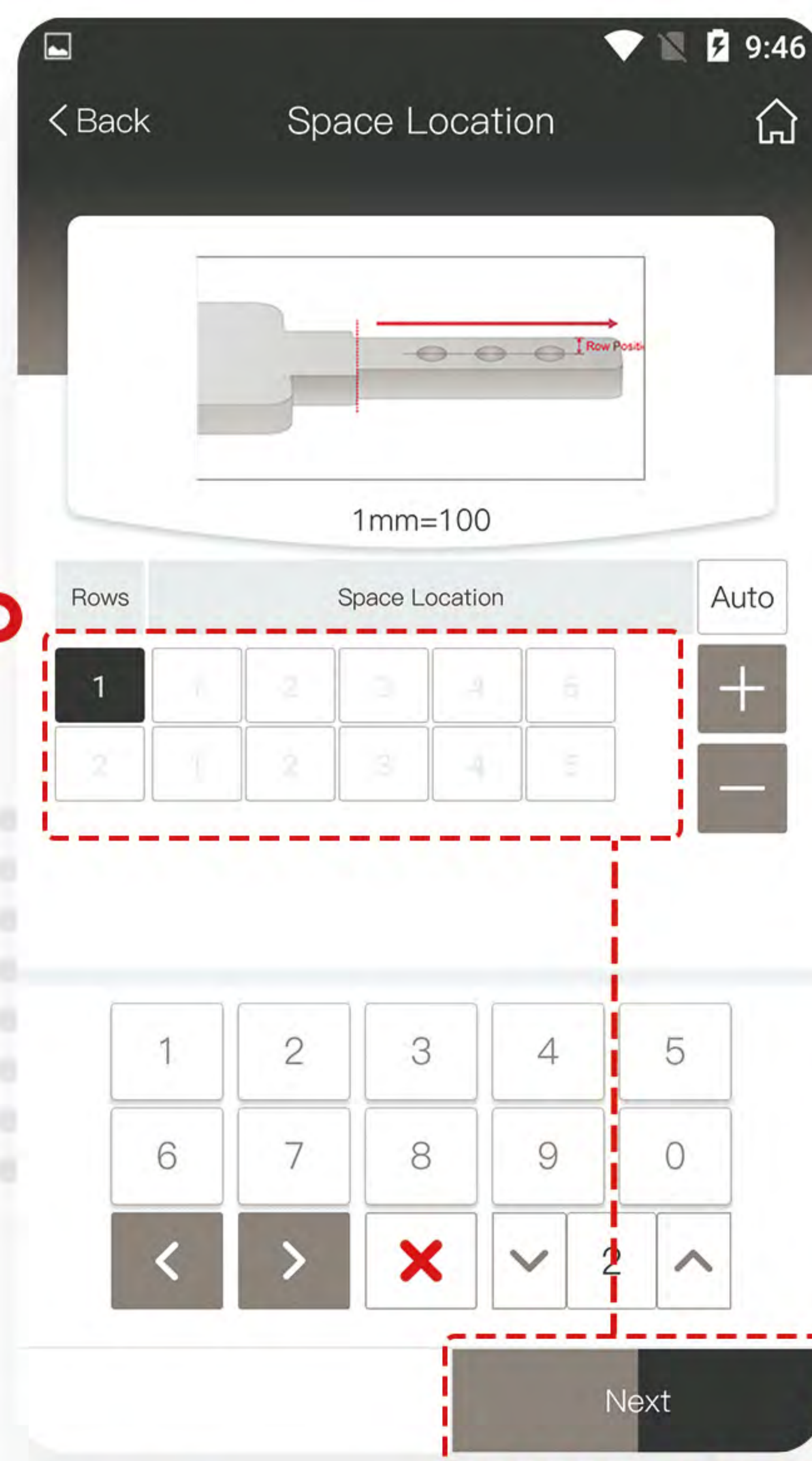
Step 3

Click "Dimple" and "Next" button



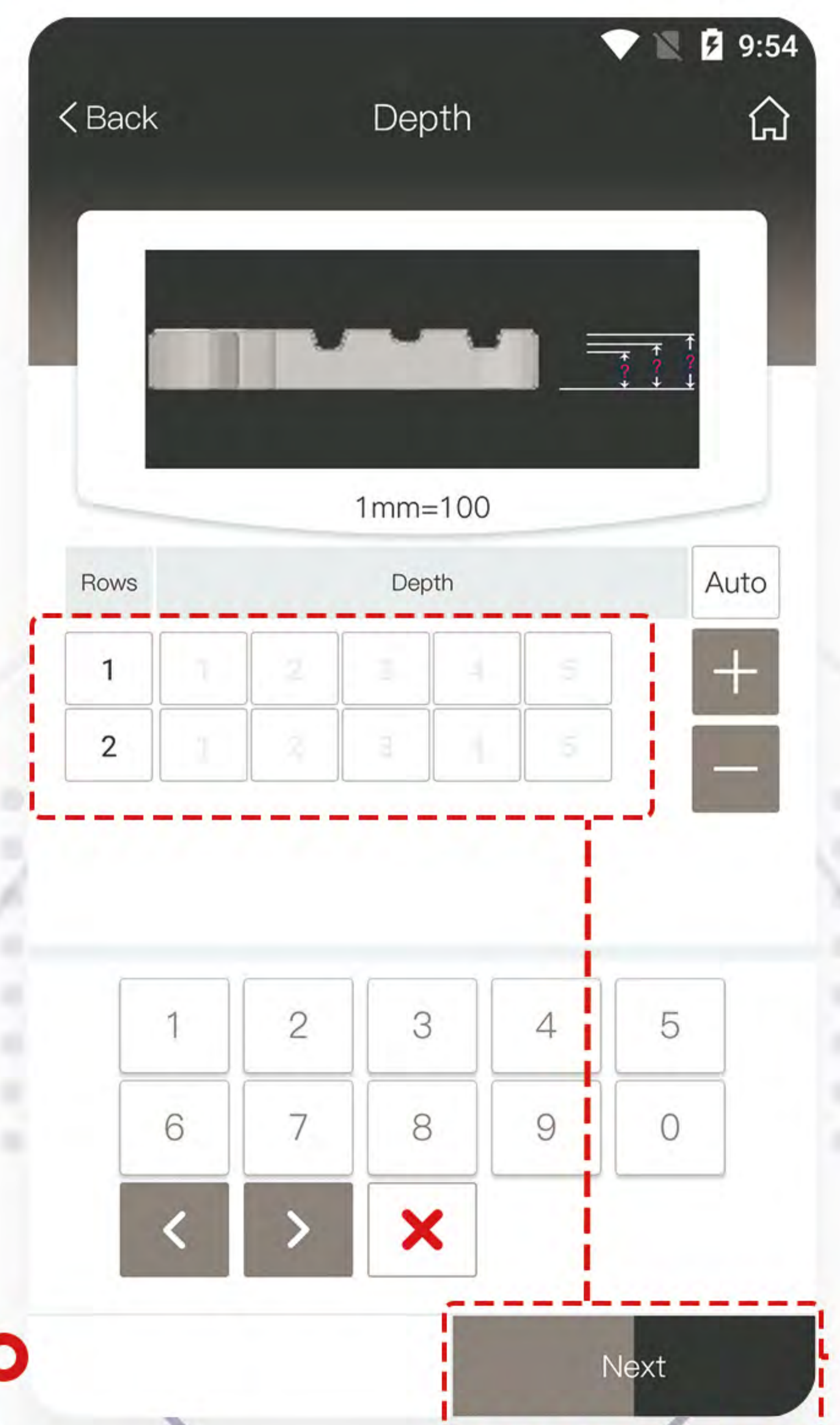
Step 4

Click "Shoulder" and "Next" button



Step 5

Input the parameters in space location and click "Next" button



Step 6

Input the parameters in depth and click "Next"

Custom Keys

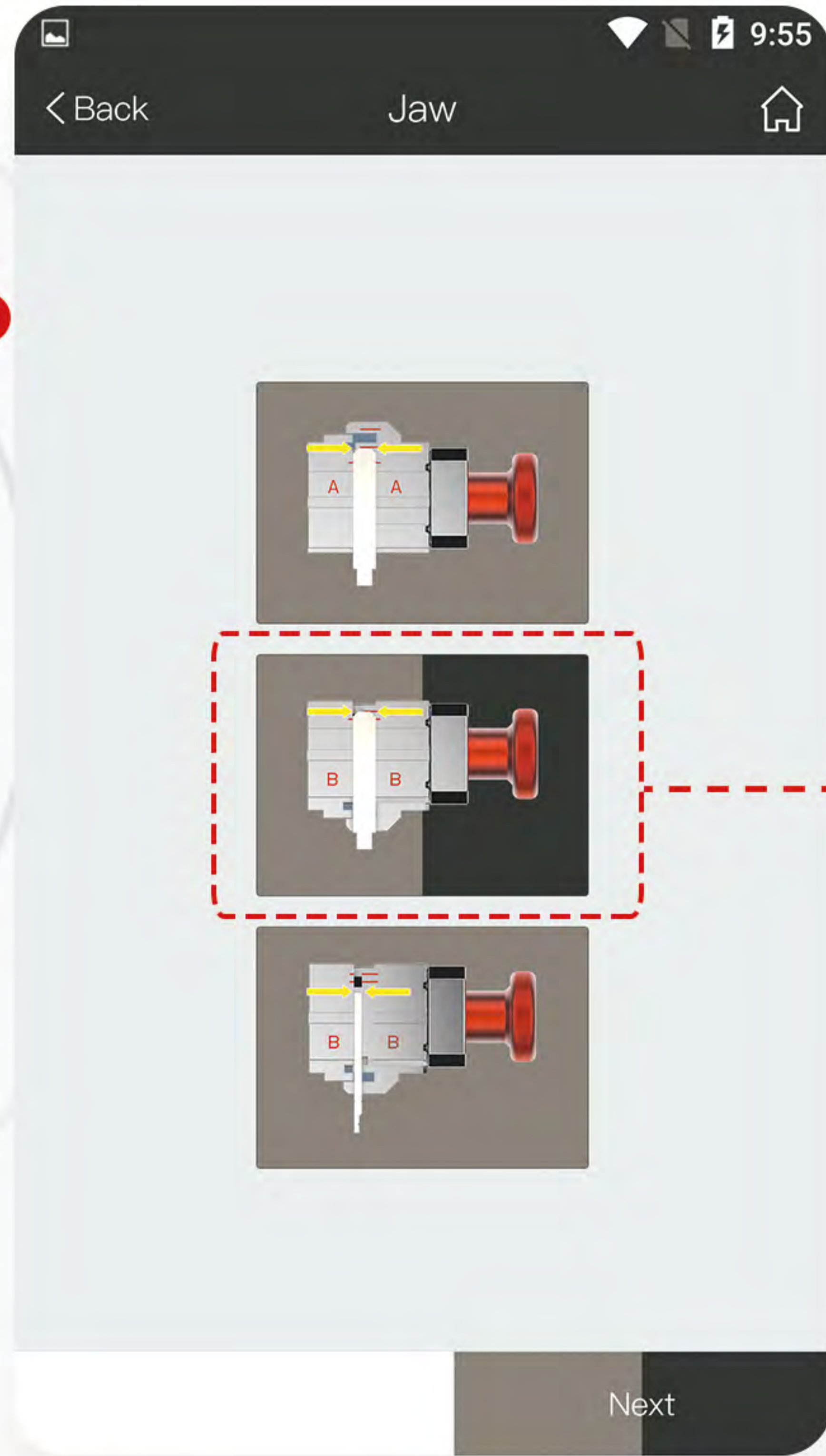


Dimple Key



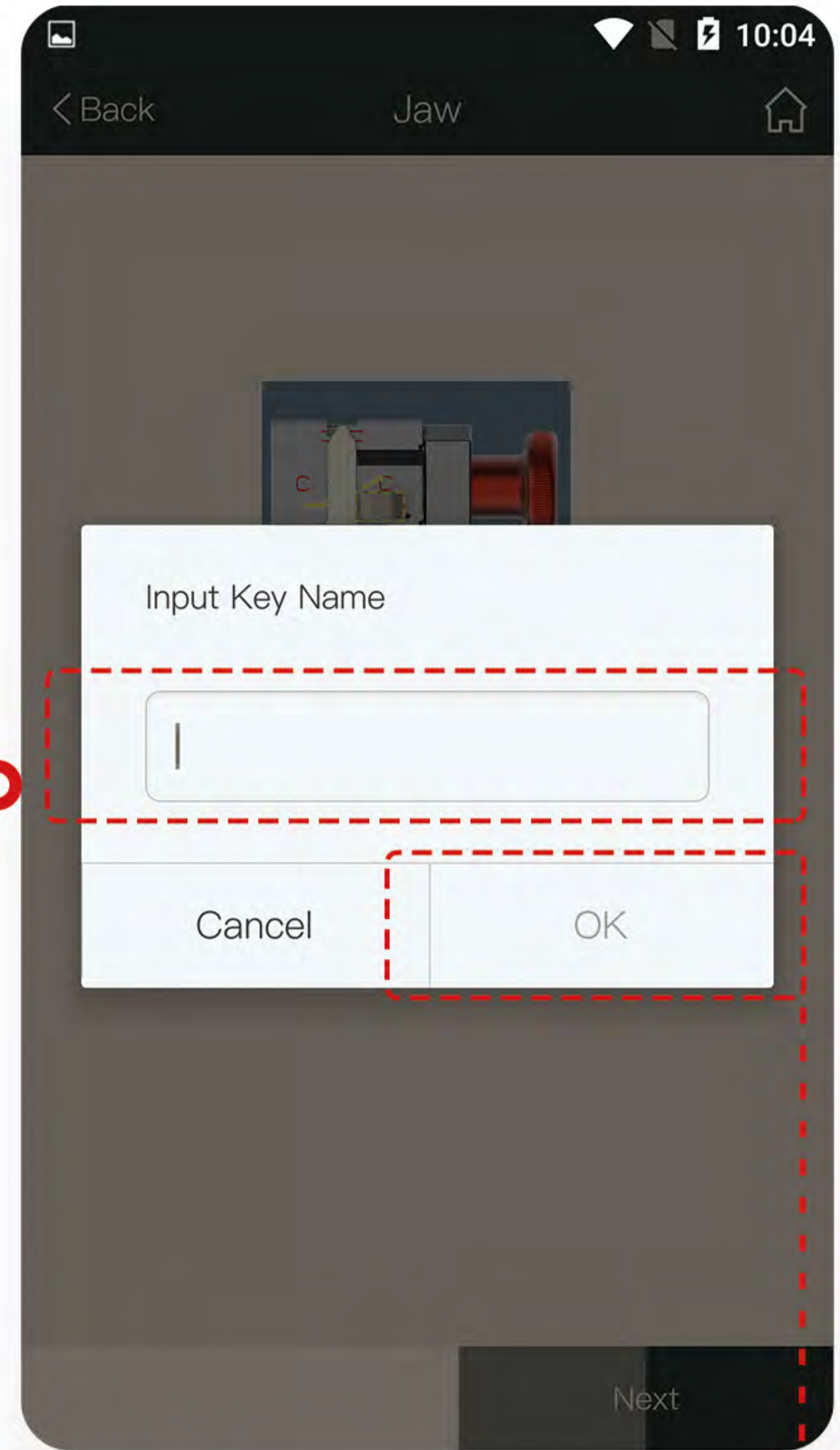
Step 7

Input the parameters in width/ thickness and click "Next" button



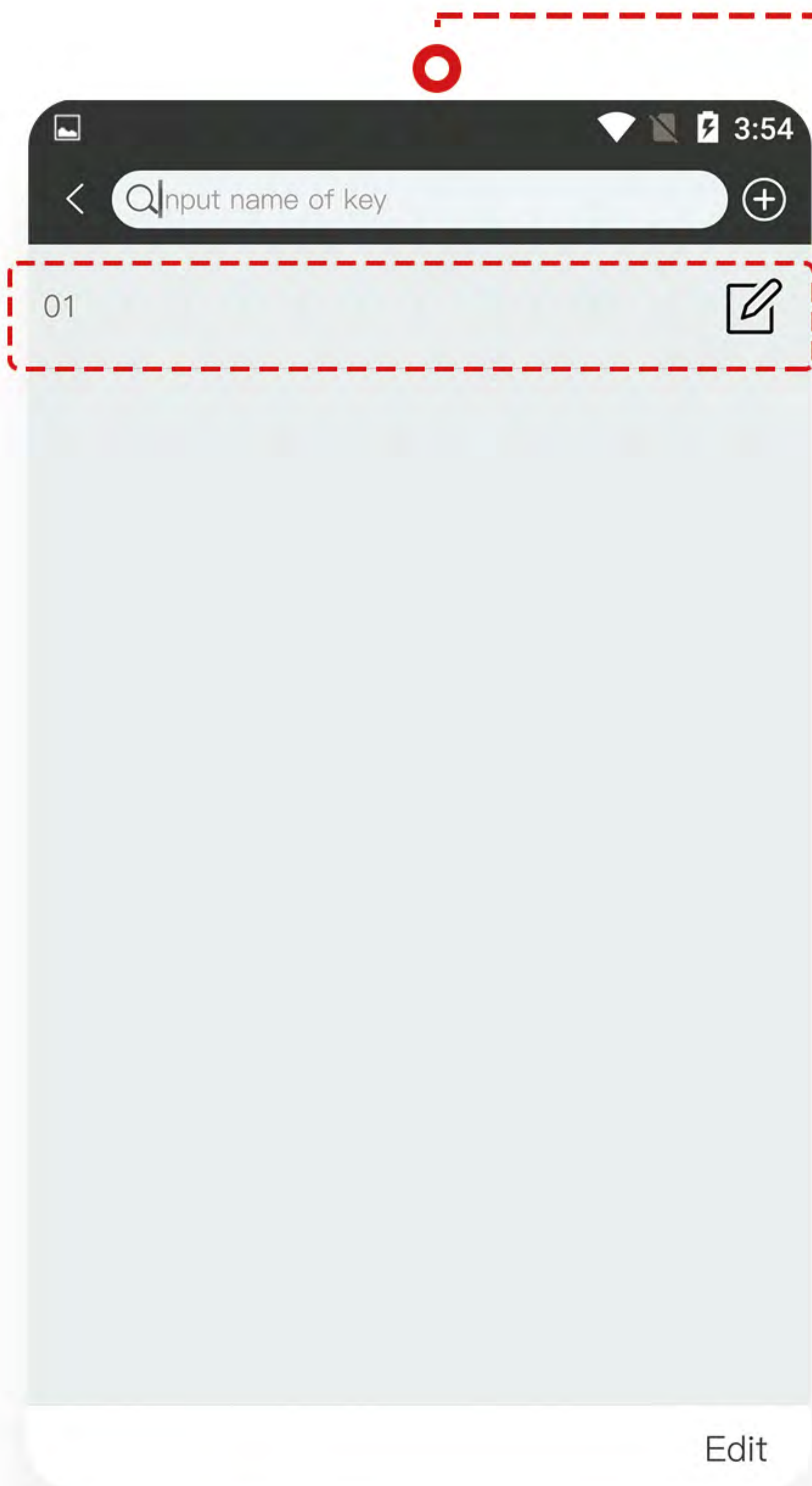
Step 8

Choose correct "Jaw S1-B" and click "Next" button



Step 9

Name the new key data and click "OK" button



Step 10

Review the key data you just added.

Custom Keys

Tubular Key



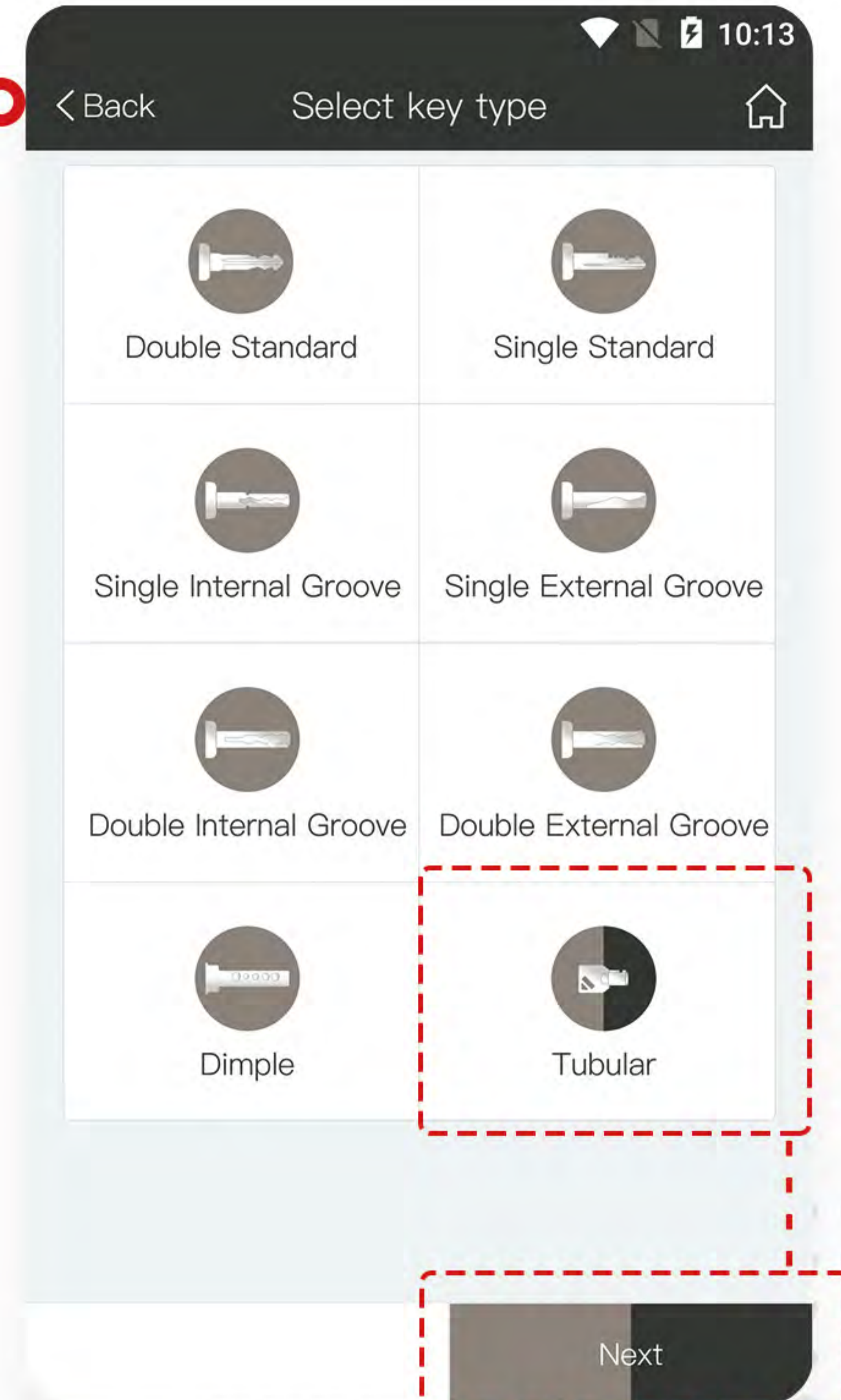
Step 1

Click "Custom Keys" button in Home Page



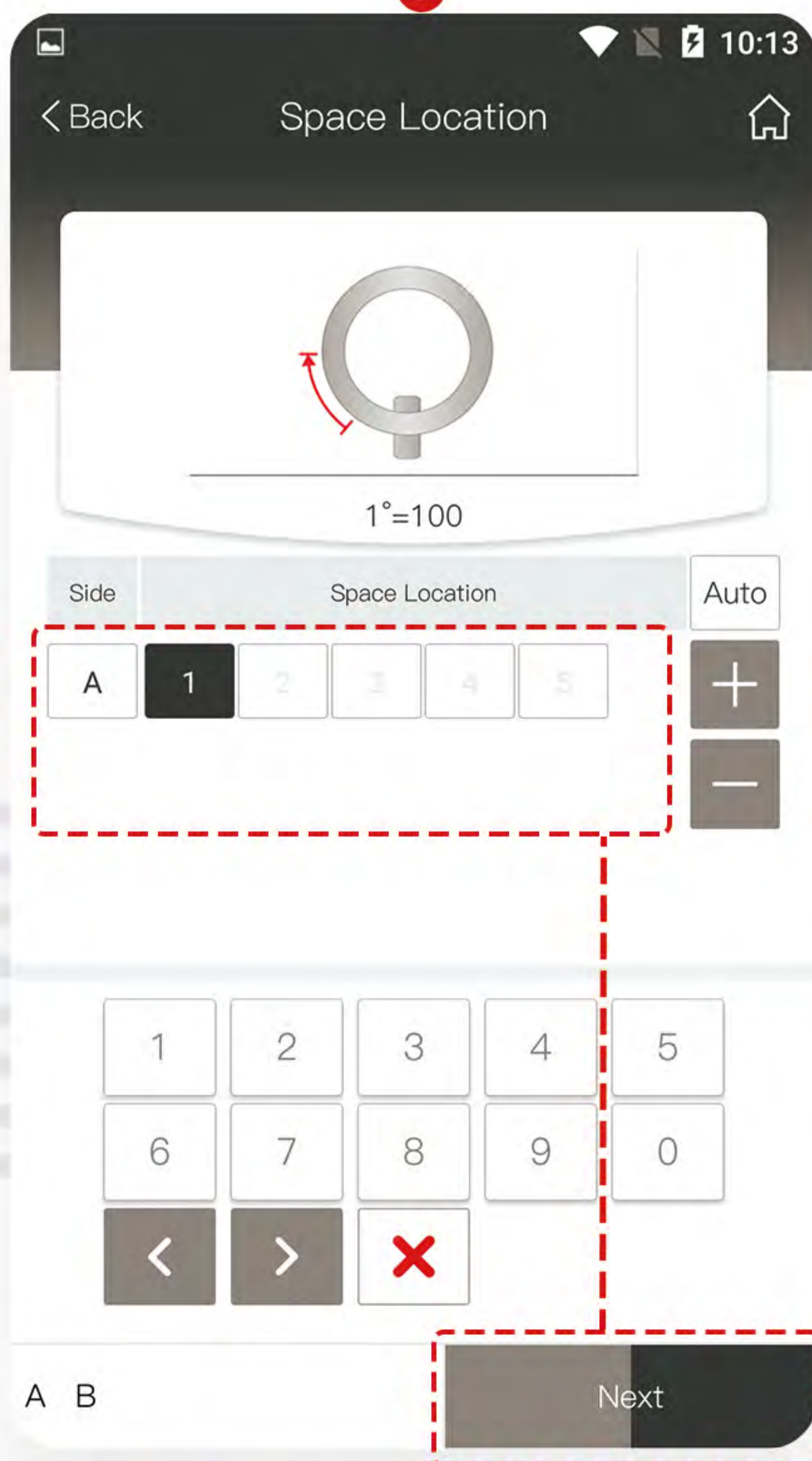
Step 2

Click "+" button



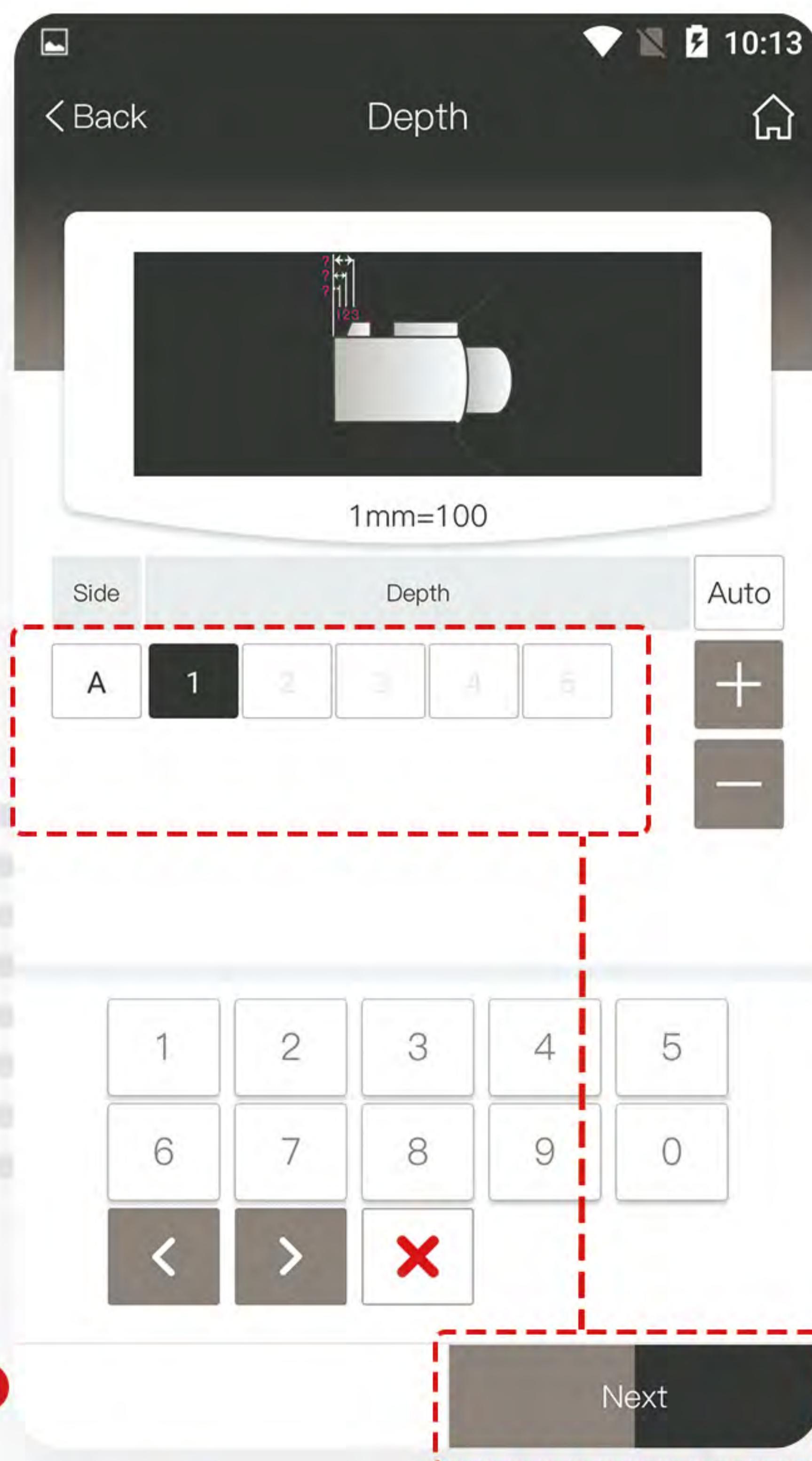
Step 3

Click "Tubular" and "Next" button



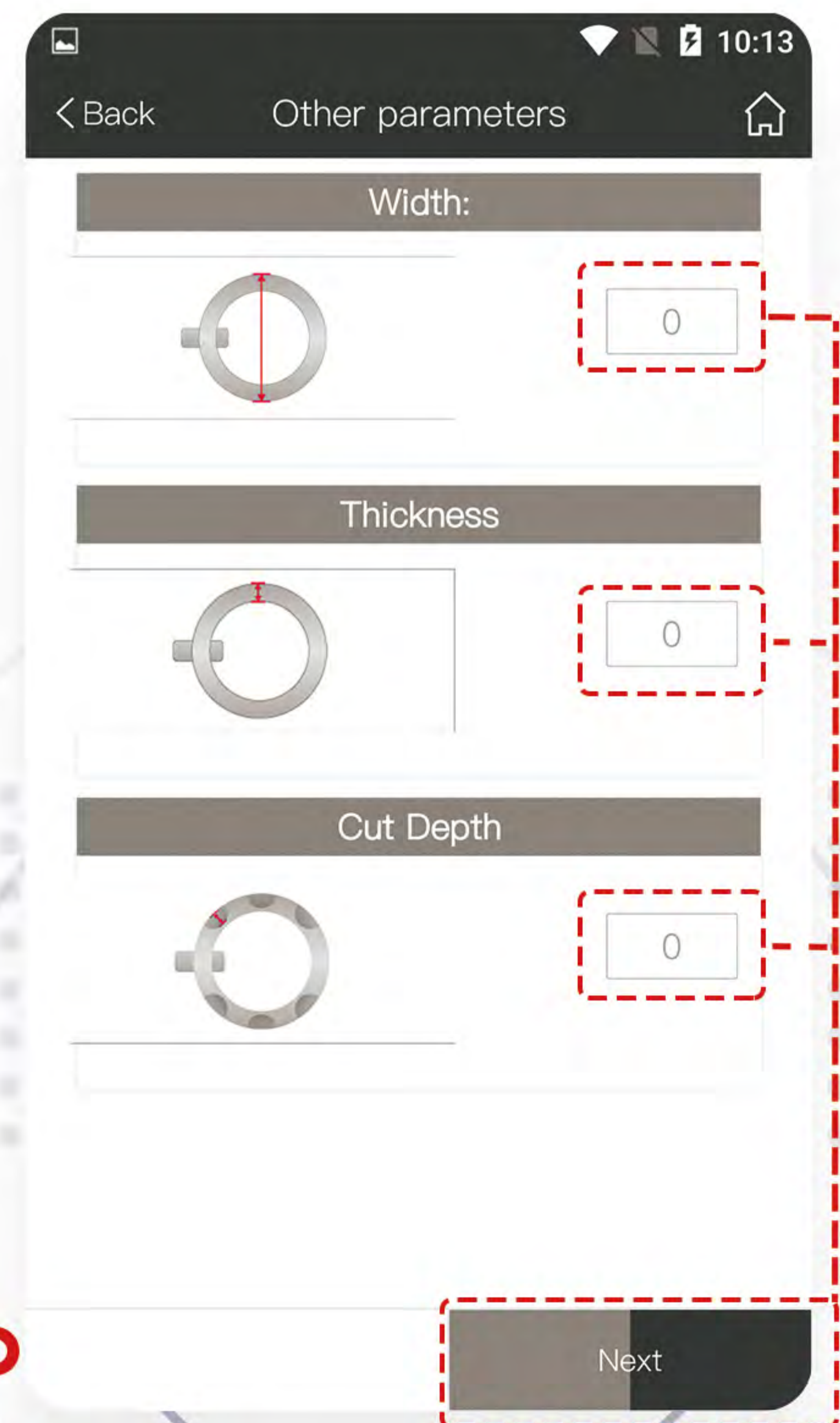
Step 4

Input the parameters in space location and click



Step 5

Input the parameters in depth and click "Next" button

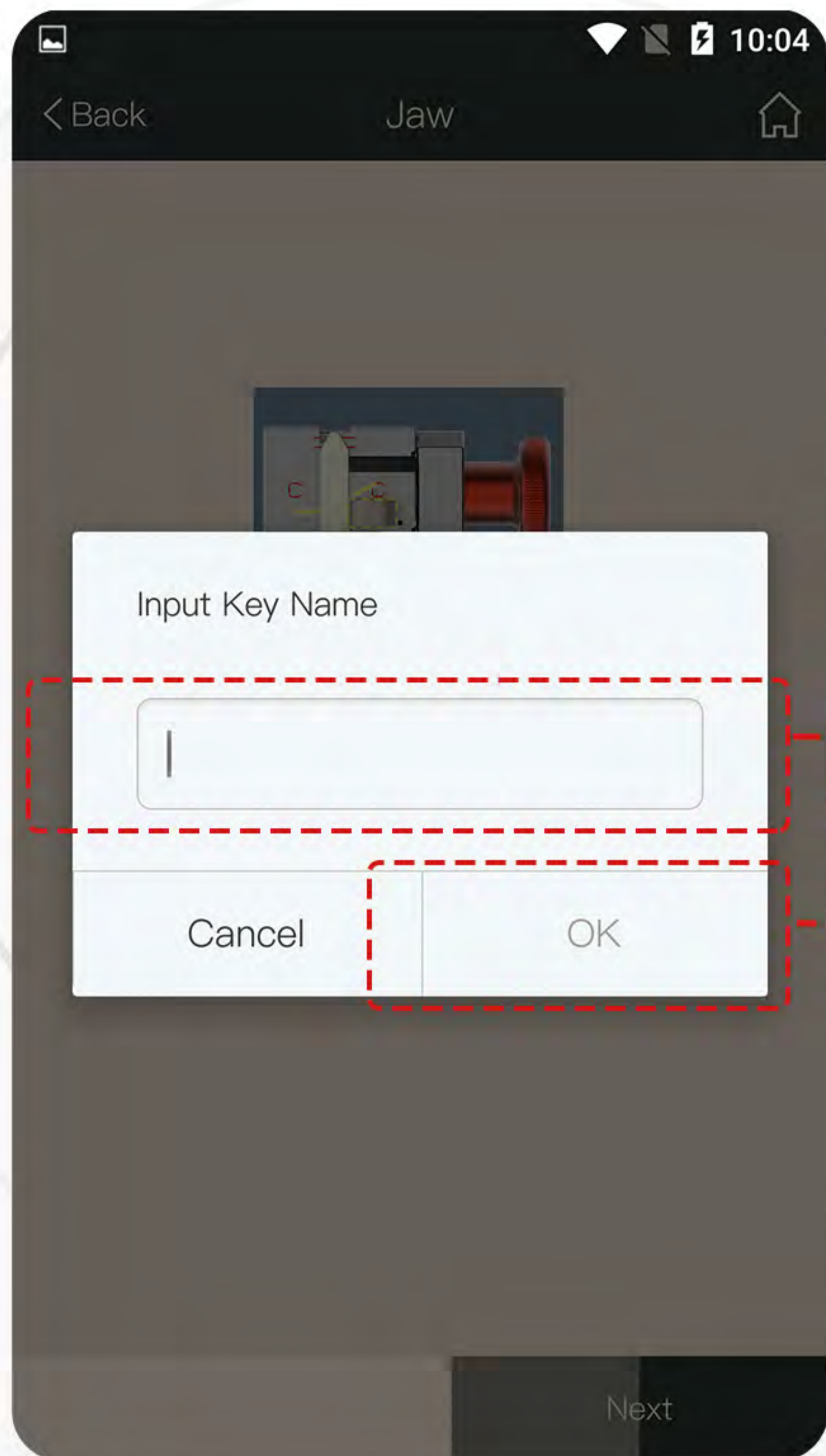


Step 6

Input the parameters in width/ thickness/ cut depth and click "Next" button

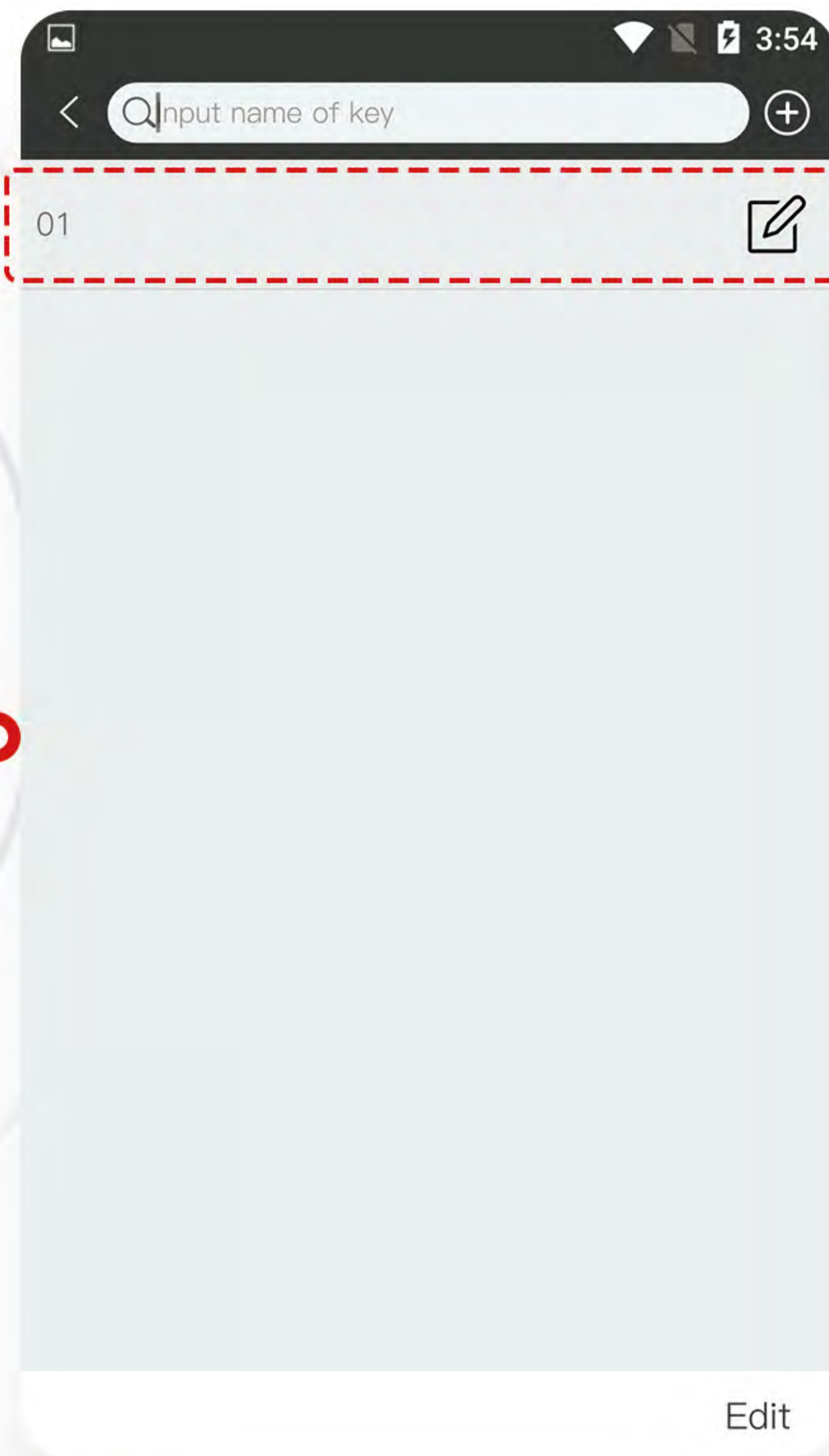
Custom Keys

Tubular Key



Step 7

Name the new key data and click "OK" button



Step 8

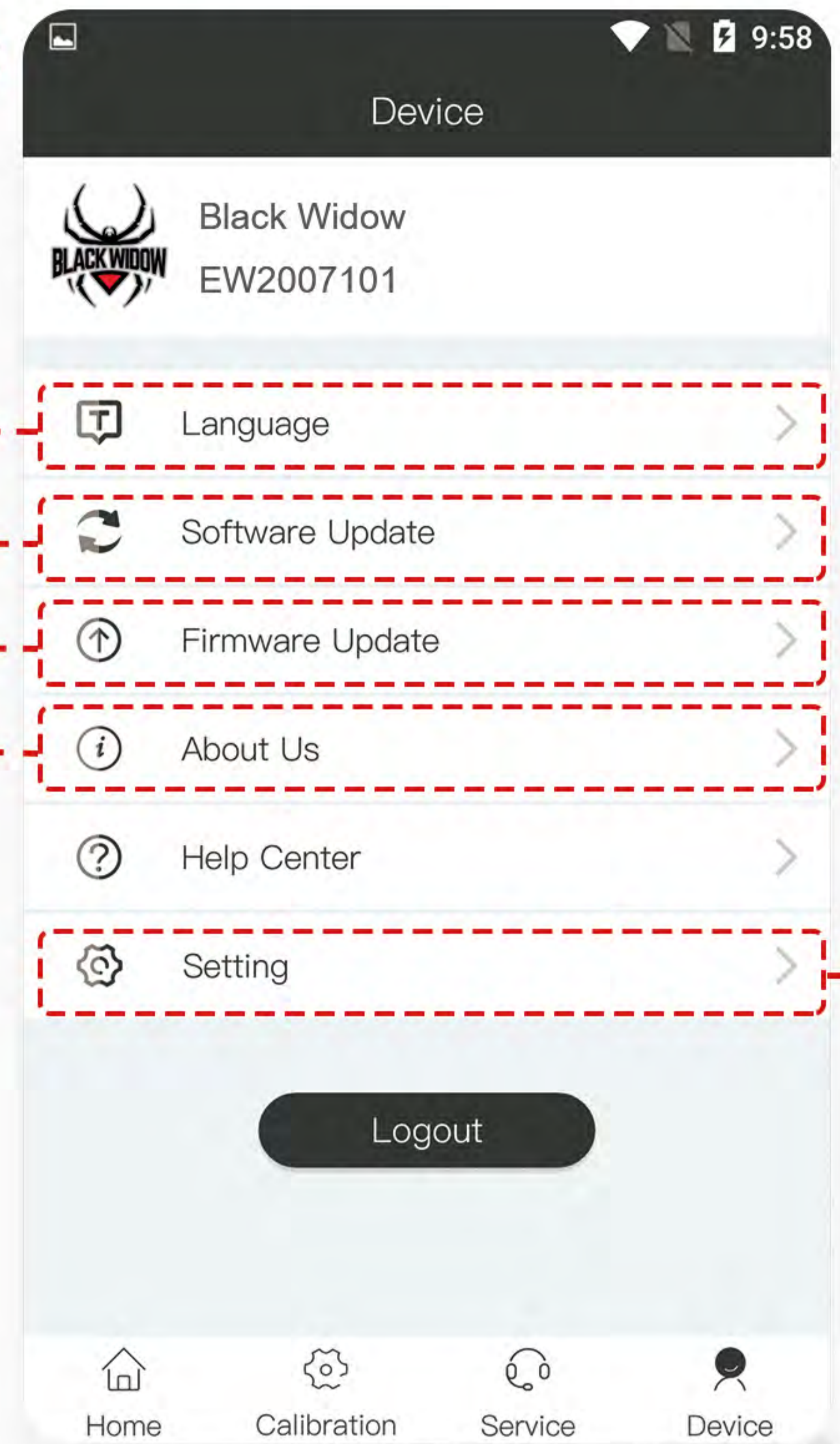
Review the key data you just added.

 **Tips:** All above about "Custom Keys" is just examples showing you how to do , please select correctly according to the key drawing you actually have.

Language / Software Upgrade / Firmware Upgrade / About Us



Enter "Device" Page

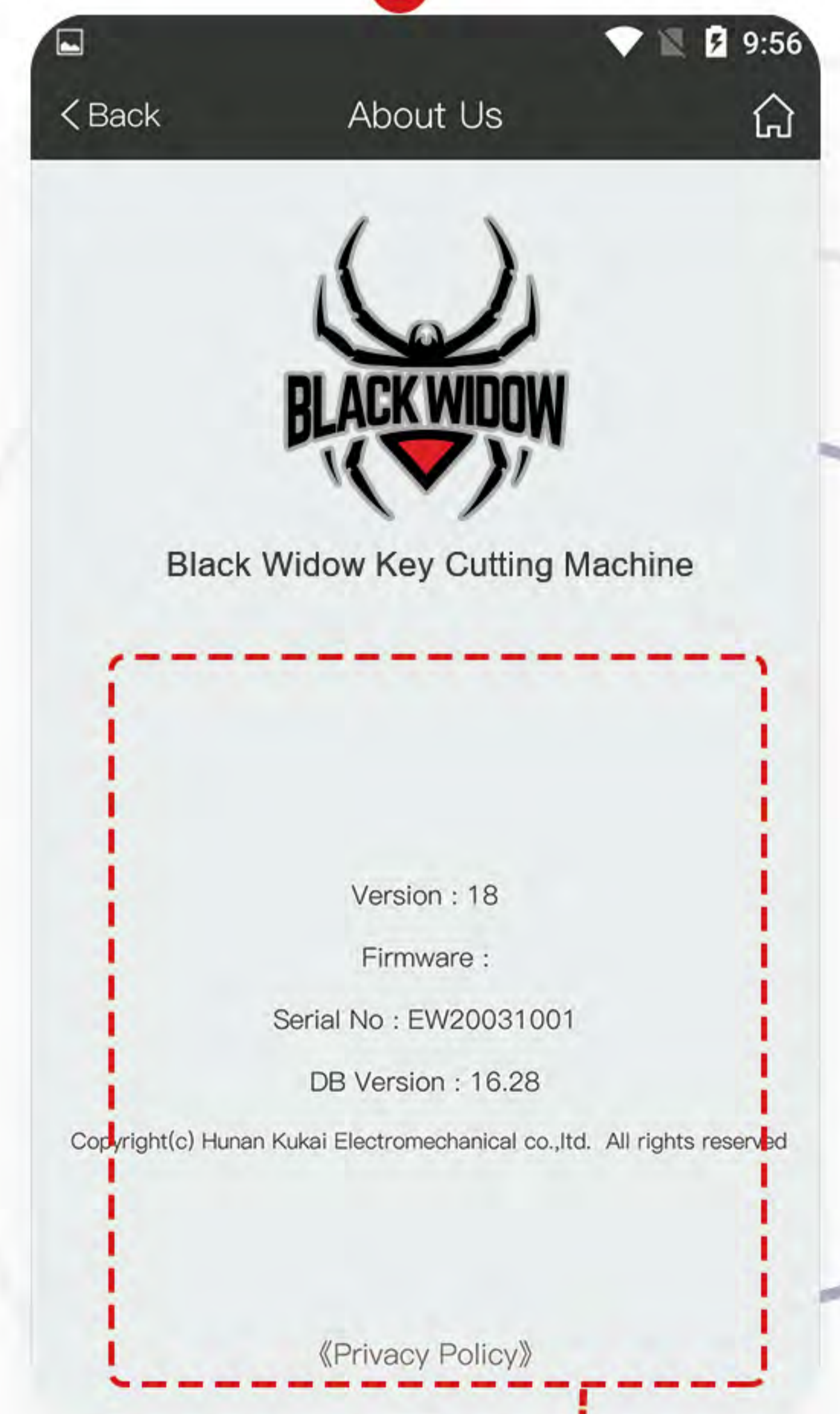
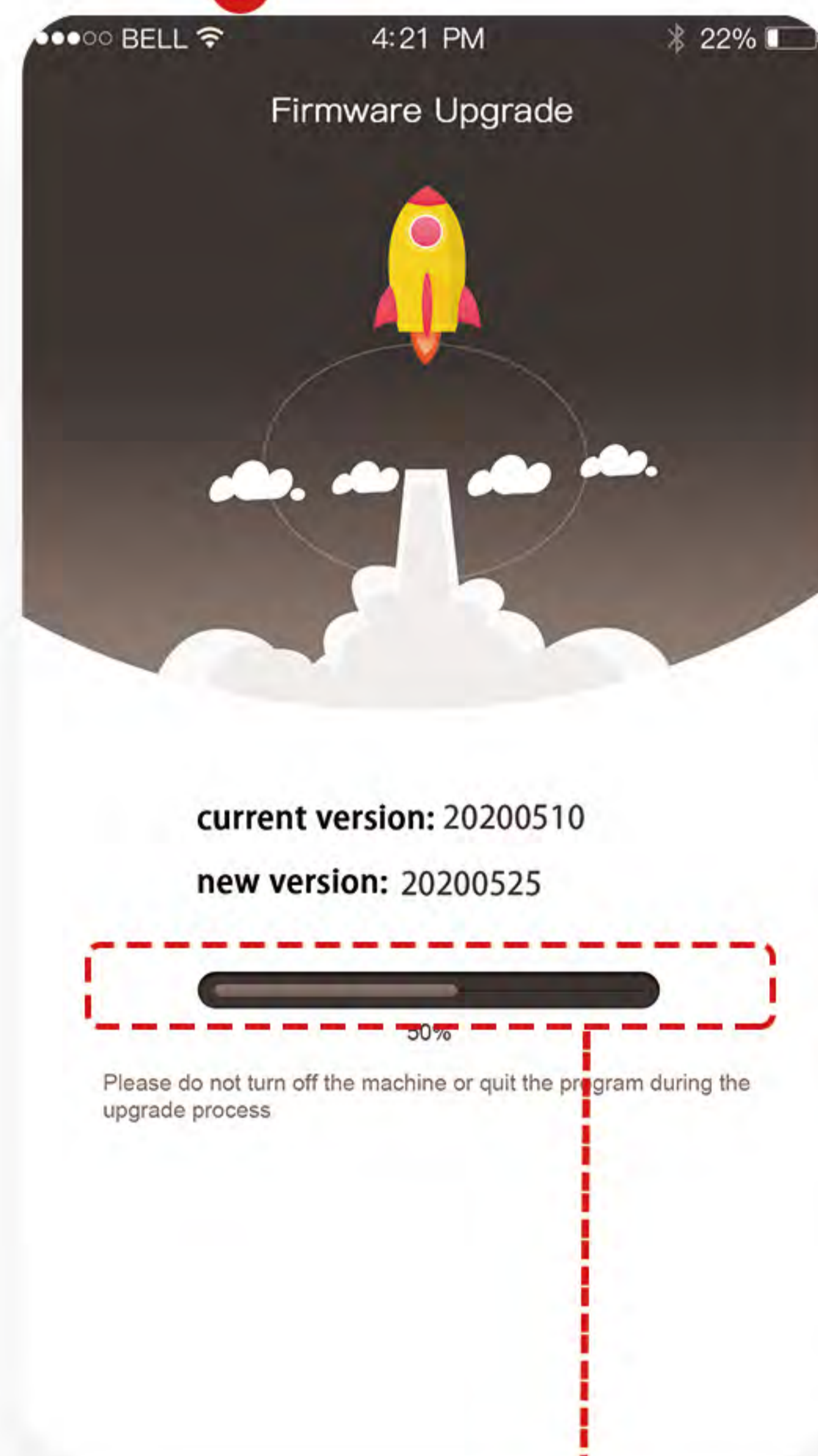
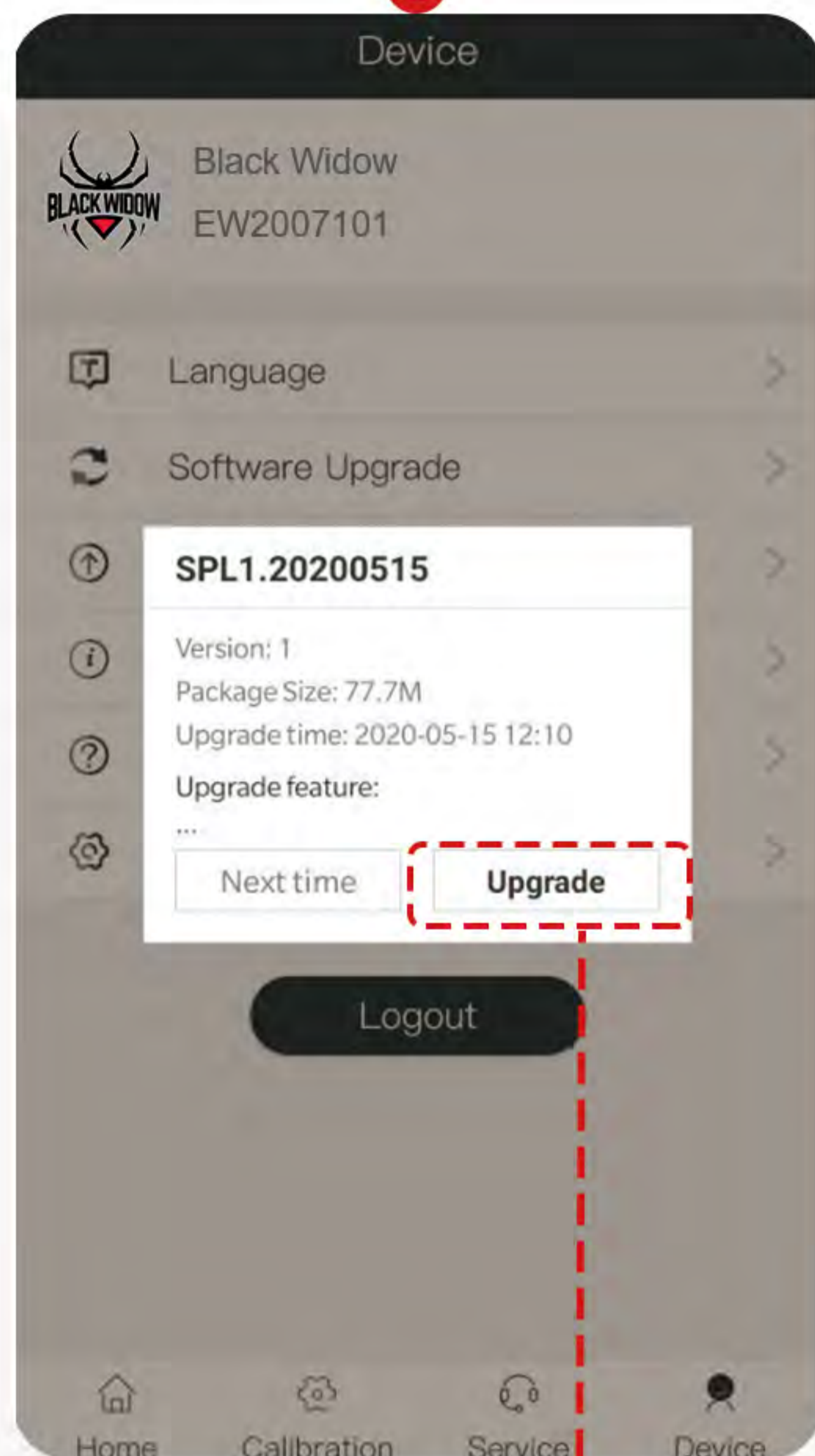


Language

Software Upgrade

Firmware Upgrade

About Us



Select your language

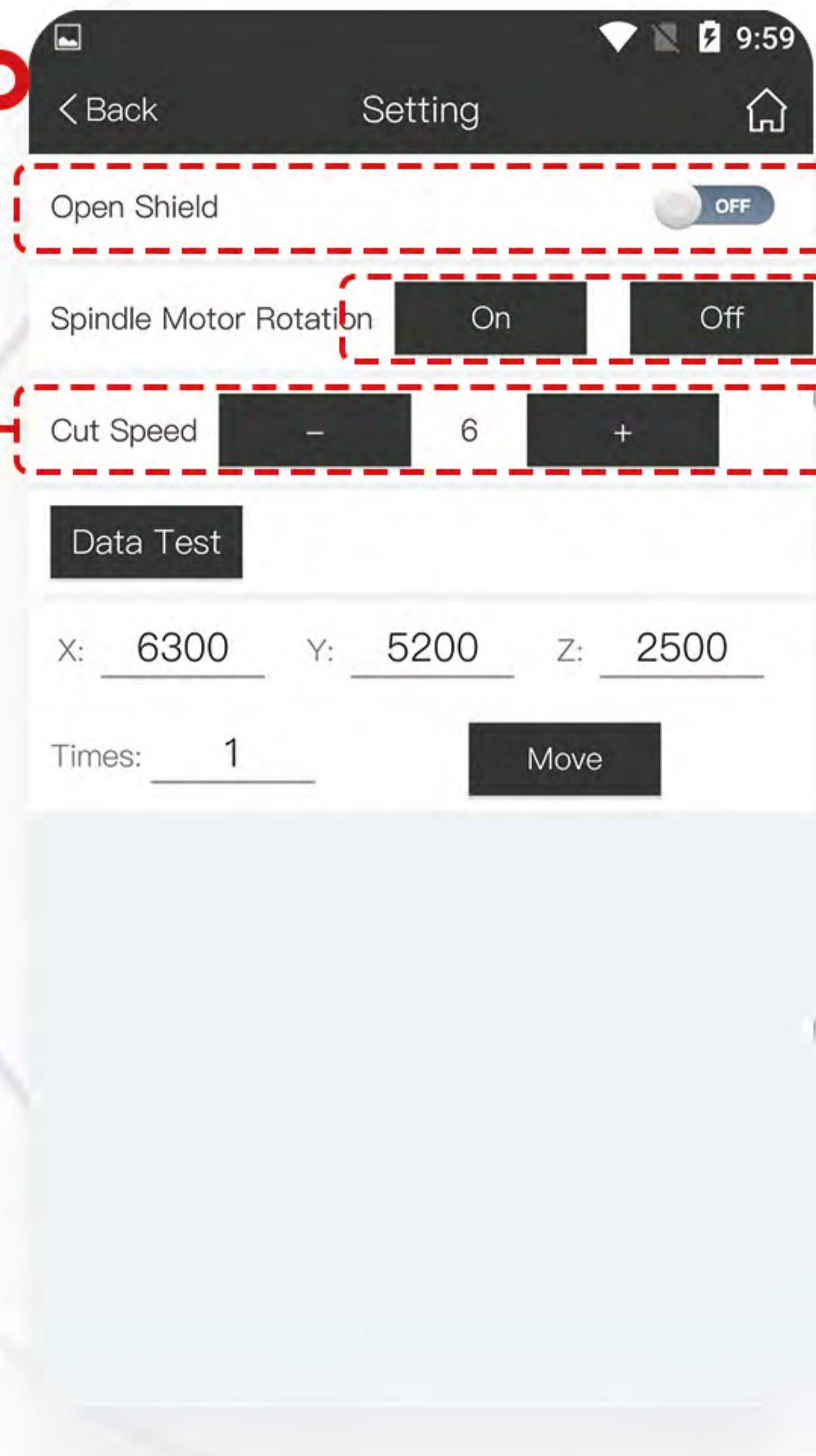
Click "Upgrade" button to upgrade your equipment

Wait for upgrade progress to 100% to finish firmware upgrade.

Review the details of About Us

Device

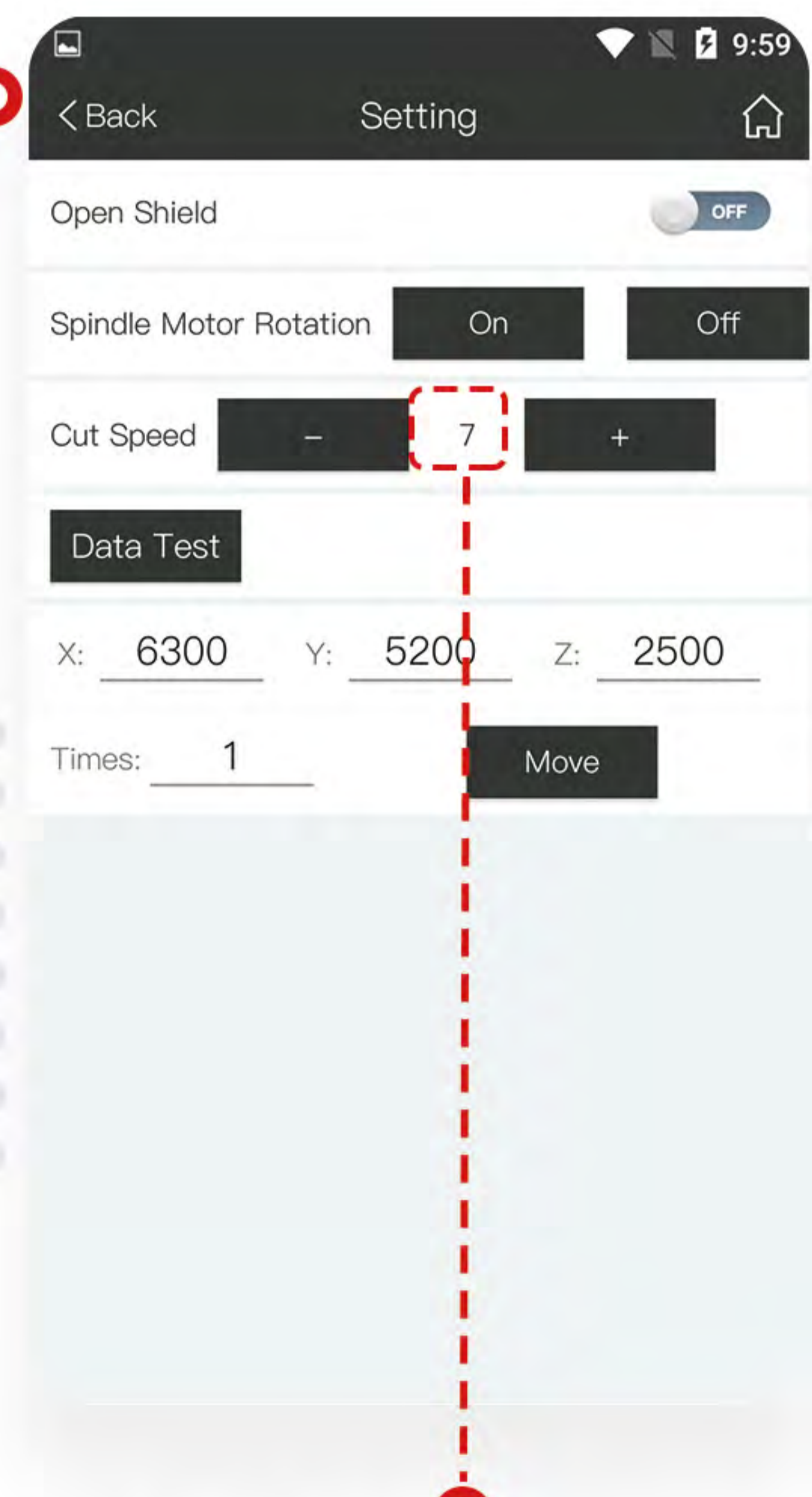
Setting



Open shield when cutting keys.



Close shield when cutting keys.



Click "On" or "Off" button to control spindle motor rotation

Click "+", "-" button to change the cutting speed

Cut History / Favorites

Cut History / Favorites



Step 1

Click  button



Step 2

You can check the keys you cut before.

Step 1

Click  button



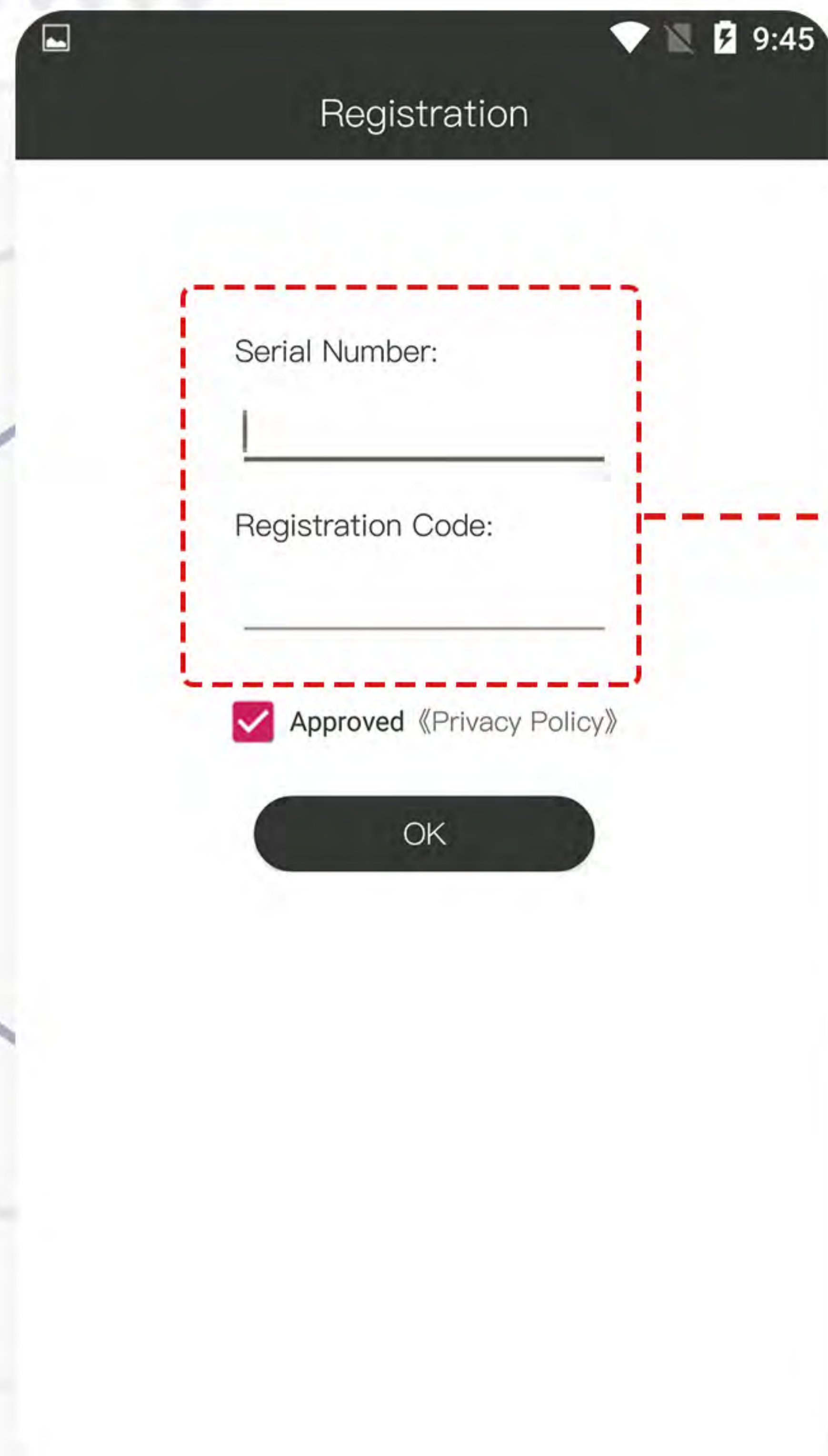
Step 2

You can check what keys you saved before.

Software Activation

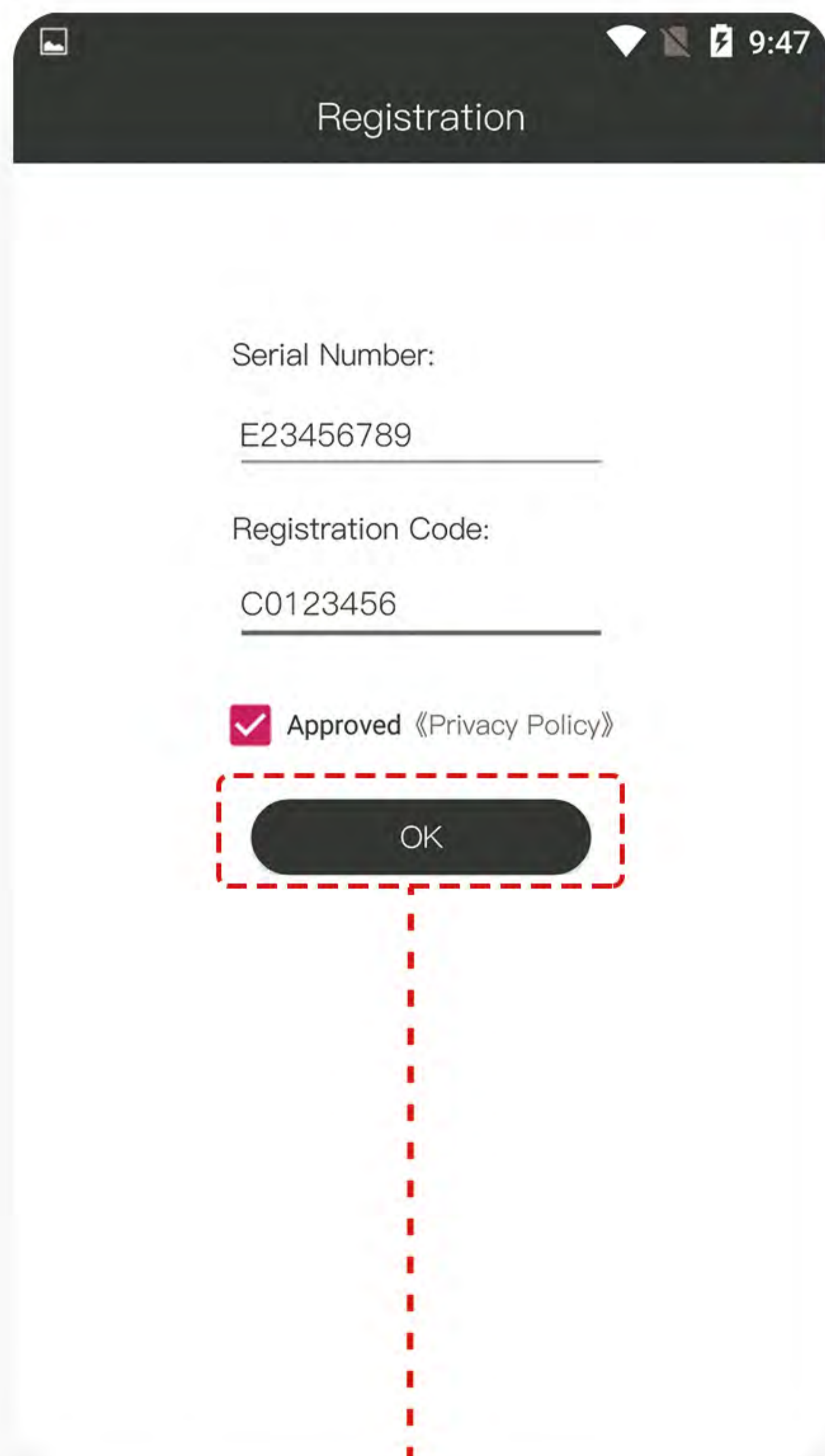


Software Activation



Step 1

Open the software and enter serial number and registration code to log in.



Step 3

Click "OK" button and complete the software activation.



Step 2

Find the label under the handle of The Black Widow, where your serial number and registration code are printed.

Download

Browse to the link on your PC or Smartphone

<http://BlackWidowKeyMachine.com>

Or scan QR Code with "QR Reader APP" or camera on your smart phone

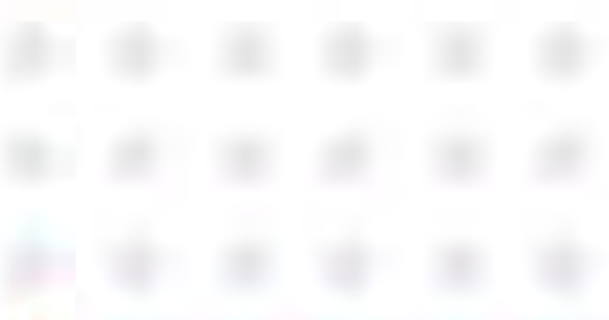


USER MANUAL DOWNLOAD

Scan below QR code to download your user manual - or download from your PC here:

<https://blackwidowkeymachine.com/manual>





Customer Information			
Product Model		Purchased Date	
Customer name		Company Name	
Telephone		Address	
Address			
Dealer Name		Company Name	
Telephone		Address	
Invalid if tear up			

 In principle, please contact dealer or manufacturer timely for the defective product

Product Name: Key Cutting Machine Product Model: Black Widow

The machine warranty is 12 months from the purchased date from manufacturer.

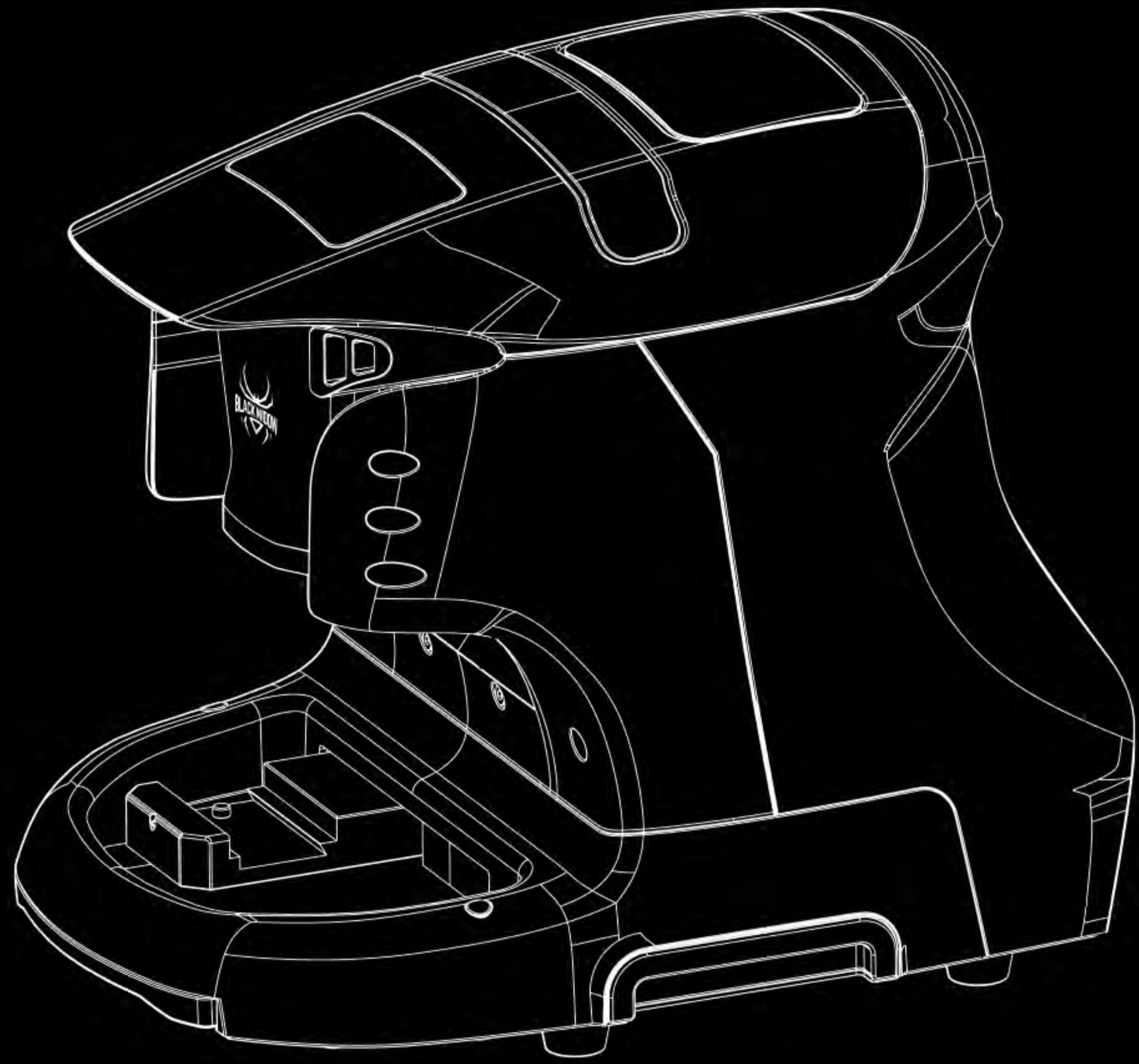
Below are the details:

1. **Warranty Product: Black Widow Key Cutting Machine**
(except consumables and accessories)
2. **Warranty: 12 months from the purchased date from manufacturer. If the purchase date can't be confirmed, warranty is 13 months from production date.**
3. **Some cases not free in warranty time:**
 - (1) Malfunctions caused by wars or natural disasters (fire, salt damages, gas, rainstorms or floods);
 - (2) Normal abrasions for consumables;
 - (3) Malfunctions caused by power off or wrong connection;
 - (4) Malfunctions caused by external factors instead of machine itself;
 - (5) Malfunctions caused by maintenances or reassembling by engineers other than from our company;
 - (6) Malfunctions by improper operations from customers.

4. Free service

Except above cases, malfunctions caused by other reasons are eligible for free service within warranty.

HANDLING THE BLACK WIDOW



01

The equipment is designed to be operated under DC12V. Normal operations are only made when DC12V is supplied. When the supplied power is over than DC12V, the equipment may not be operated accurately. In particular, under low voltage (less than 12V), DC motor output decreases, which leads to lower speed of rotation.

02

Please replace cutter on a regular basis, delayed replacement may deteriorate the cutting force, which leads to failure of accurate cutting.

03

The cutting effect of the cutter depends on the material of the key blank. Select preferable speed and cutting times to cut hard key blank.

04

Do not drop machine or allow it to get wet.

05

Make sure to enter correct key data and input correct key biting number.

06

Keep the car engine on while connecting the machine with the cigar jack for using.

