







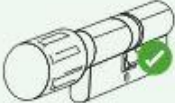

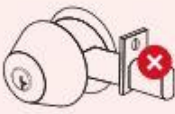
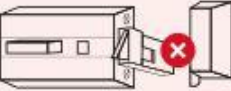
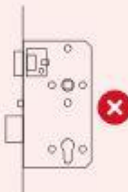
Installation Requirements Nuki 2.0

Installation Check

Answer 7 brief questions to find out if Nuki Smart Lock can be installed on your door lock.

nuki.io/check

Installation Requirements

		
Euro Profile Double Cylinder with emergency function	Swiss Round Cylinder with priority function	Door fitting shield or rosette fitting
		
Knob or handle Nuki can pull the latch	Multipoint lock Nuki can work with that	Vertical key channel no problem for Nuki
		
Knob cylinder Q1 / 2019	UK Oval Cylinder with emergency function	
		
American Dead Bolt does not work	Additional security lock does not work	Automatically locking lock does not work

Euro Profile Double Cylinder (with emergency function)

We recommend using Nuki Smart Lock only with cylinders which have an emergency function. This function ensures that the cylinder can be used with a key on one side, when another key is inserted on the other side. Different suppliers of cylinders name this function differently, so e.g. it's called "emergency function" or "external key override function". Note that your key should rotate at the inside when you lock from the outside.

Usually, the exchange of your existing cylinder is not necessary, as most doors are already fitted with Euro Profile Double Cylinders. Nuki Smart Lock is mounted on the inside of your door on your existing Europrofile Double Cylinder. There is no need to make any changes on your door and therefore, you can still use your existing physical keys.

If you use a Nuki Smart Lock on a cylinder without emergency function, you can not lock the door with your mechanical key from the outside. Most locks can be simply extended with an emergency function. You can get more information about that from your local locksmith.

Indoor use only

The Smart Lock is designed for indoor use only. The operating temperature of the Smart Lock is in the range of 10–40°C. You must not mount a Smart Lock outdoors (e.g. at the garden gate), since it is not weather-resistant and can be removed.

Door fitting: Handle or knob

Nuki Smart Lock can pull the latch and is therefore suitable for doors with handle as well as for doors with knob on the outside. In the Nuki app you can configure whether Nuki should only unlock your door or even pull the latch to open the door for you.

Select your existing door fitting during the initial setup of your Smart Lock. To change the settings for your door fitting later, tap on the desired Smart Lock in the Nuki app and enter the lock settings. Then go to "Manage Smart Lock". Here you can find the option "Choose door fitting" to change the setting.

Knob cylinder adapter (coming soon!)

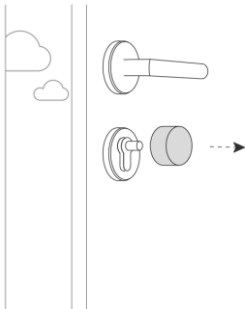
Thanks to the redesigned key adapter, the Nuki Smart Lock 2.0 is also compatible with standard knob cylinders.

If you have a knob cylinder on the inside of your door, no problem: When ordering your new Smart Lock in the shop, simply select the option "**I have a knob cylinder on the inside of the door and would like to order an adapter set free of charge**" and you will also receive a free adapter.

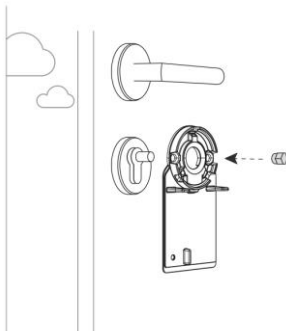
The supplied adapter set includes 5 different knob cylinder adapters. Simply identify the type of knob cylinder that you have on your door and then use the matrix below to decide which is the right adapter.

Installation

1: Disassemble the knob from your cylinder. Keep to the requirements of the cylinder manufacturer.



2: Use the specific adapter that fits your cylinder for the assembly of the Smart Lock, instead of the key.

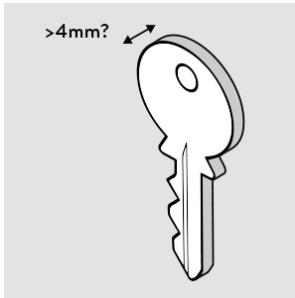


3: In the mapping table you can see which adapter fits with which cylinder.

EVVA, CES		
CISA, ABUS		
KESO		
DORMAKABA		
WINKHAUS, DOM		

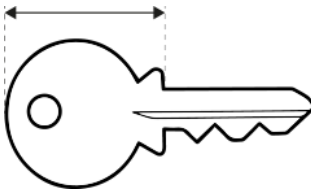
Key

Key thickness, max. 4mm



Your key doesn't fit in the Nuki Smart Lock if the "head" of the key (the part that you hold it with) is thicker than 4 mm, otherwise it won't fit in the Nuki. If a removable plastic cap is fitted to your key, remove it and then remeasure if necessary.

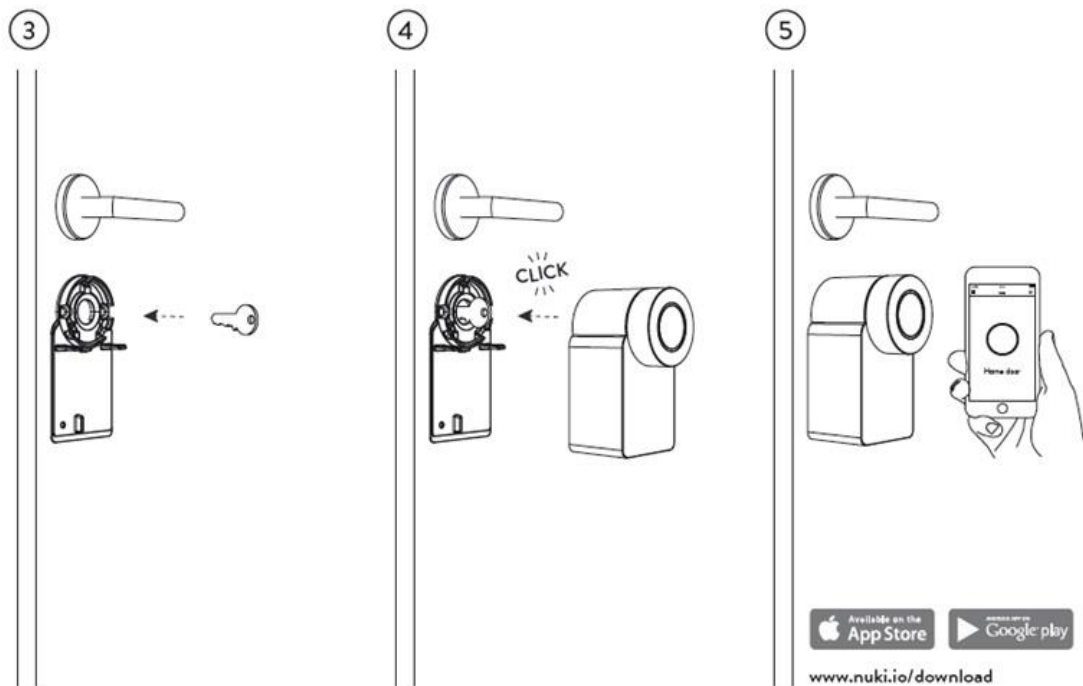
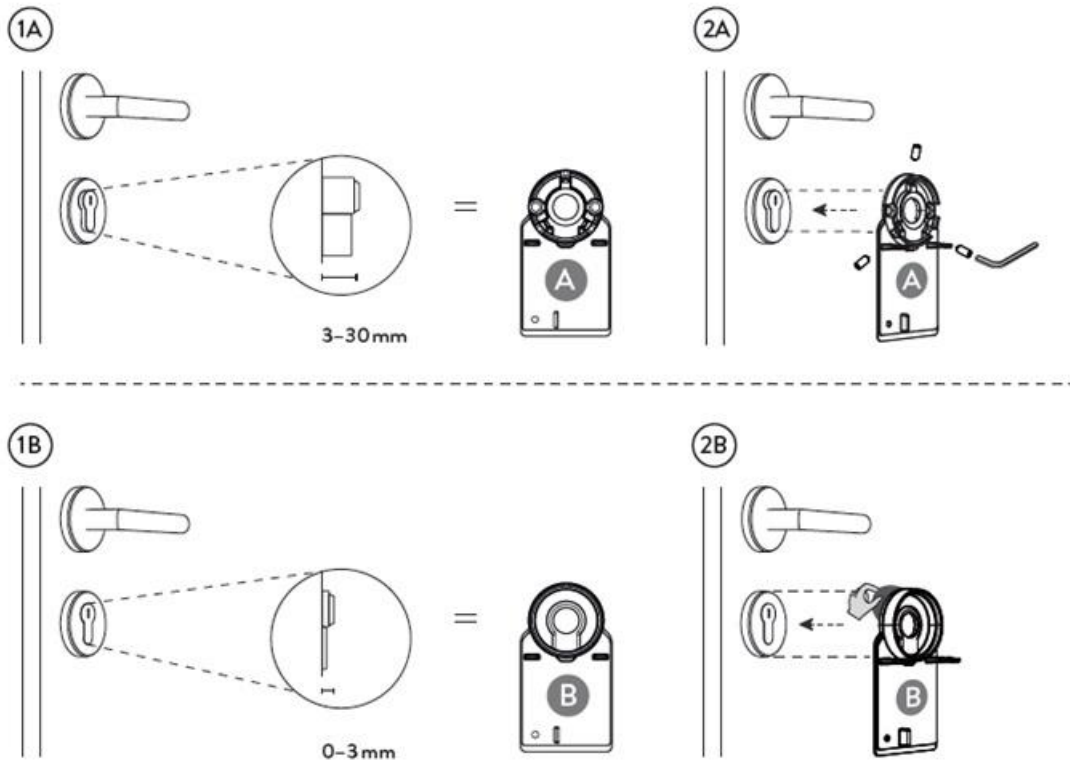
Key head length, max 40mm



Your key does not fit into the Smart Lock if the key protrudes more than 40mm from the lock. The Smart Lock can then not be installed.

Mounting instructions

The Smart Lock is mounted on the inside of your existing Euro Profile cylinder. Depending on your cylinder, there are two options to install it:



Watch video; [Nuki installation video](#)

Version A

Cylinder with at least 3mm overhang on the inside of the door: The Smart Lock is fixed to your cylinder using three screws.

- 1A) The cylinder has at least 3mm overhang: Take mounting plate A from the packaging
- 2A) Screw-fix the mounting plate to the cylinder with the supplied wrench
- 3) Put your key into the lock
- 4) Attach your Smart Lock to the mounting plate
- 5) Download the Nuki app on your smartphone and set up your Smart Lock

Version B

Cylinder with less than 3mm overhang on the inside of the door: The Smart Lock is glued to your door with special adhesive pads.

- 1B) The cylinder has less than 3mm overhang: Take mounting plate B from the packaging
- 2B) Peel off the protective backing and stick the mounting plate to your door
- 3) Put your key into the lock
- 4) Attach your Smart Lock to the mounting plate
- 5) Download the Nuki app on your smartphone and set up your Smart Lock

Both options won't leave any marks and are perfect to use in rented flats.

[More installation details and video.](#)

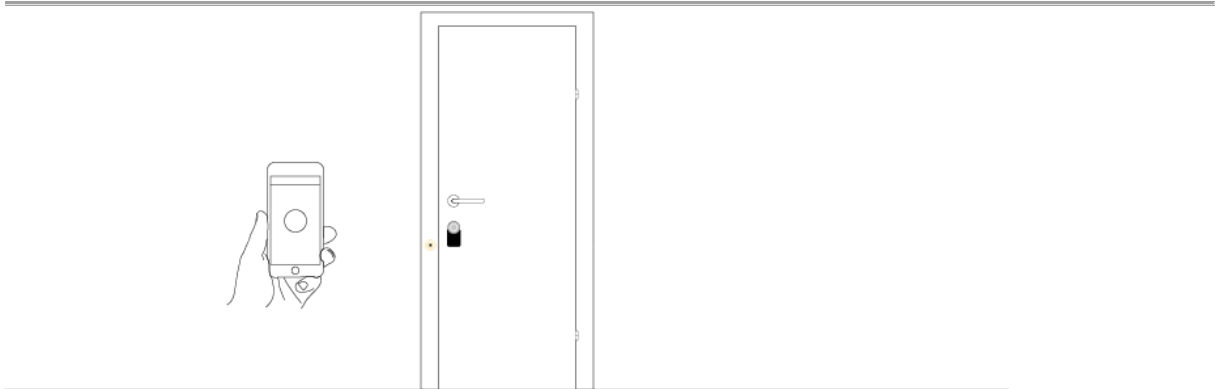
Calibration

During the initial setup the Smart Lock calibrates itself and adapts to your door. If your door is for example designed to be locked twice, then the Smart Lock will also lock it twice.

To re-calibrate your Smart Lock later, tap on the desired Smart Lock in the Nuki app and enter the lock settings. Then go to "Manage Smart Lock". Here you can find the option "Calibrate Smart Lock" to initiate a new calibration.

Door sensor (Smart Lock 2.0)

The new **door sensor** of the **Smart Lock 2.0** allows you to see not only the status of the lock cylinder, but also the status of the door. The door sensor recognizes whether your door is open or closed and warns you if you want to lock the door when it is open.

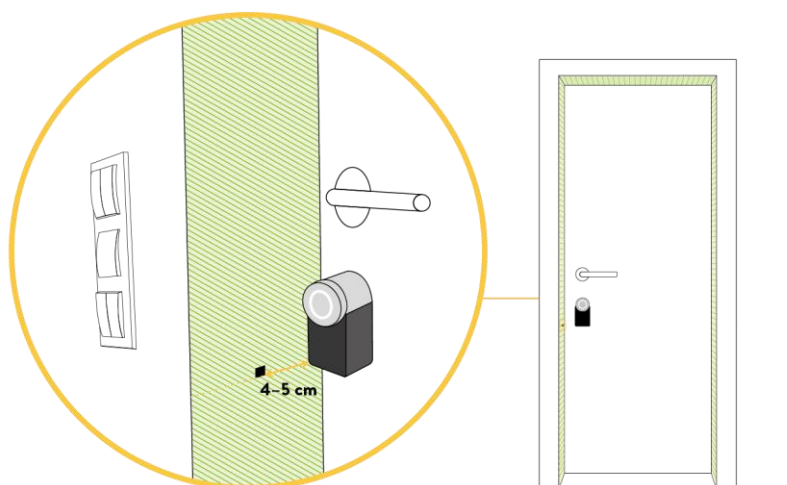


Mounting on the door;

As a counterpart, the door sensor has a magnet, which has to be mounted to the door frame on the inside of the door. Depending on whether your door is opened inwards or outwards, one of the following installation options must be used.

Option A – Door opens inwards;

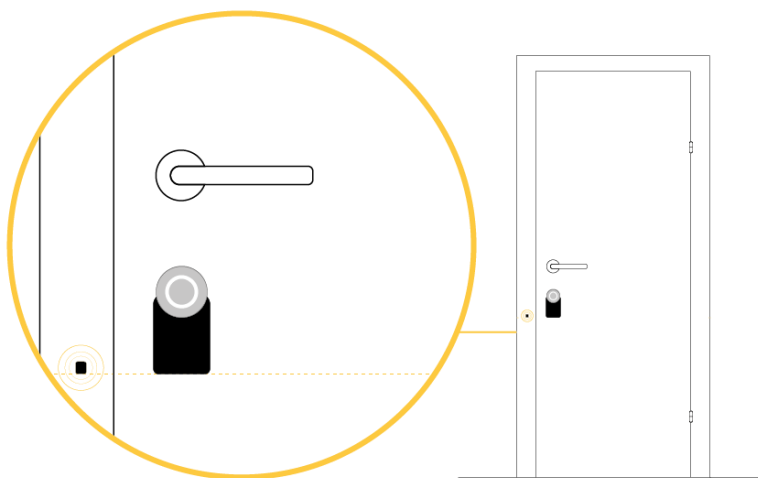
For best position recognition the magnet must be mounted **parallel at the height of the lower edge of the Smart Lock** (not at a 90° angle, but parallel). The **distance between Smart Lock and magnet should be as small as possible**. When the door is closed, the gap between Smart Lock and magnet should be only a few millimetres.



Option B – Door opens outwards

When your door opens to the outside, the magnet must be mounted at a **90° angle at the height of the lower edge of the Smart Lock**. For optimal position detection, the **distance between the front of the Smart Lock and the magnet should be approximately 4-5 cm** when the door is closed.

If the installation at a 90° angle is not possible, then the installation must be carried out parallel, in the same way as with doors opening inwards (see above Option A – Door opens inwards). During the calibration step for leaning the door against the door frame, a larger gap of about 10 cm must be left open, otherwise the status of the door sensor won't be detected reliably.



Troubleshooting

If the **door sensor calibration fails**, try again and **move the door slower** during each calibration step, so that the sensor has more time to measure the magnetic field strength.

During the calibration step of leaning the door slightly against the door frame, leave a **gap of at least 2-3 cm** open. If your door opens to the outside and the magnet is mounted parallel to the Smart Lock (not at a 90° angle), a gap of about 10 cm must be left open when leaning the door against the door frame.

Due to external influences the door sensor of your Smart Lock may display a wrong status. If the **door sensor is jammed** or does not show the correct status, you can resolve the issues with the Nuki app. Open the Nuki app on your smartphone, tap on the desired Smart Lock and enter the lock settings. Then go to “Manage Smart Lock”. Here you can find the option “Resolve door sensor issues” to eliminate the problem. If the door sensor still does not work reliably after that, then recalibrate it.

Batteries

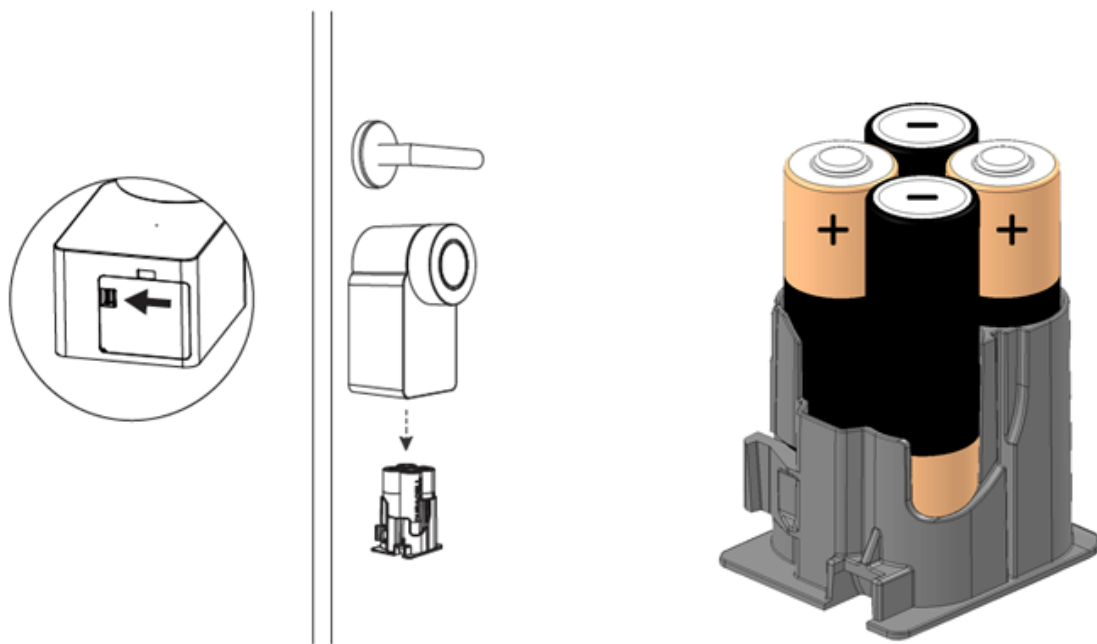
Nuki Smart Lock works with four standard AA batteries. These are included in your Nuki package. You can get new ones in any supermarket.

The battery lifetime is strongly related to the **number of locking procedures** and also to the **smoothness** of the locking operation. In standby mode Nuki needs a minimum amount of power. Assuming an average of 8-10 locking operations per day, Nuki's included alkaline batteries will last for about **6 months**. When the temperature is very low, or the door does not work smoothly, or the latch is being pulled often ("open door"), then the battery life may be significantly shorter. More information about battery types and durability you can find on the bottom of this page.

How to change the batteries

At a power level of 20% Nuki will notify you via the Nuki app. So there is enough time to replace your batteries of your Smart Lock. In case you are not able to change the batteries in time, you can still use your existing, mechanical key.

To replace the batteries, proceed as follows:



1. The battery compartment is located on the bottom of the Smart Lock. To open it, press the small lever in the arrow direction and take the battery compartment out of the Smart Lock.
2. Replace the batteries and insert the battery compartment back into the Smart Lock.

Battery type and durability

Nuki Smart Lock will automatically detect if alkaline batteries or rechargeable batteries are used. This optimizes the respective limits for the battery warning. You can also configure the battery type manually (requires Nuki App version 1.6 or higher and Smart Lock firmware version 1.4.5 or higher). Tap on the desired Smart Lock and enter the lock settings. Then go to *Manage Smart Lock > Battery type*.

Please note that **cheap batteries from discount stores will be depleted faster** and the battery warning can be displayed shortly after the battery change.

Recommendation: Rechargeable batteries Panasonic eneloop pro

For a longer usage we recommend the rechargeable batteries **Panasonic eneloop pro** which have been **tested by Nuki**. These batteries last about twice as long as alkaline batteries. Furthermore, they are rechargeable and thus more environmentally friendly than alkaline batteries.

Maximum durability: Lithium batteries

Lithium Batterien provide the maximum durability and last up to three times as long as alkaline batteries, but they are significantly more expensive.

If you are using lithium batteries, you must set this type of battery manually in the Nuki app, because the Smart Lock can not automatically detect lithium batteries. Tap on the desired Smart Lock and enter the lock settings. Then go to *Manage Smart Lock > Battery type*.