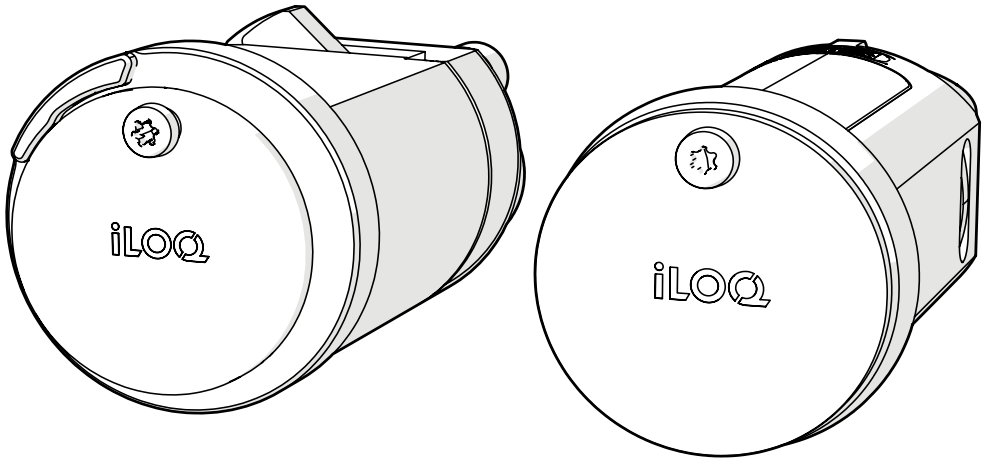
iLOQ S5
Key Tube Cylinder
F5S.1.HC
F5S.2.HC
C00S.5.HC
User Guide



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1. Safety Information

1.1 Safety signs

Sign	Description
	General notice sign. Indicates particularly important information about the installation and deployment.
	Read these instructions carefully before using products. This information is to ensure your safety and long lifetime of the products.
	General warning sign. Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

1.2 Warnings

Sign	Description
	Warning! Only use batteries recommended by the manufacturer.
	Warning! Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery can result in an explosion..
	Warning! Leaving a battery in an extremely high temperature environment can result in an explosion or the leakage of flammable liquid or gas
	Warning! A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

2. Overview

The iLOQ F5S.x/C00S.5 Key Tube Lock Cylinders are battery-free programmable electromechanical key tube lock cylinders for the iLOQ S5 locking system.

The F5S.x Key Tube Lock Cylinders are compatible with 38 mm key tubes that are mainly used in Finland. F5S.1.HC does not have a real-time clock, and F5S.2.HC has a real-time clock. The C00S.5.HC Key Tube Lock Cylinder is compatible with 45 mm key tubes that are mainly used in Sweden. C00S.5.HC does not have a real-time clock.

3. Care and Maintenance

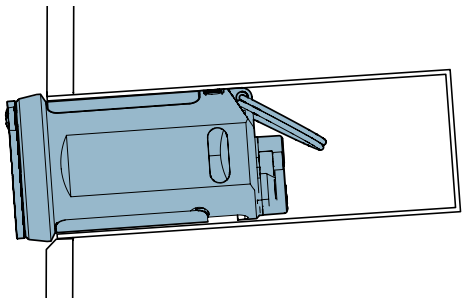
- The instructions should be carefully followed during installation and use. These instructions and any maintenance instructions should be passed on by the installer to the user.
- The iLOQ F5S.x/C00S.5 Key Tube Lock Cylinders must be installed and used carefully without excessive force.
- Do not drop the product.
- The product should not be modified in any way except in accordance with the modifications described in these instructions.
- Clean the keyway with an air duster (for example CRC Dust Off).
- Lubricate the keyway with a drop or two of high quality lock oil.

4. Installation of the iLOQ F5S.x/C00S.5 Key Tube Lock Cylinders

To conform with local requirements, use locally approved key tubes (please note: the key tube is not included in delivery).

Mount the key tube according to the tube manufacturer's instructions. To ensure reliable operation of the F5S.x/C00S.5 Key Tube Lock Cylinders make sure that the tube is at a 4 degree angle to prevent water pooling inside and the key tube is mounted max. 5mm inside the wall surface.

See the correct positioning of the F5S.x/C005.S Key Tube Lock Cylinder inside the tube from the following image.



4.1 Compatible Key Tubes

The following key tubes are compatible with F5S.x/C00S.5 Key Tube Lock Cylinder:

Product:	Diameter:	Key Tube:
• C00S.5.HC	• 45 mm	• AssaAbloy 390877-100-055
• F5S.x.HC	• 38 mm	• AssaAbloy KD201, KD201X, KD205, KD207

Please verify the compatibility of the key tubes beforehand.

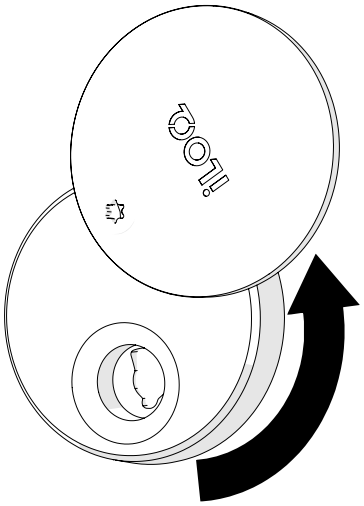
5. After installation

Make sure that you have installed all components necessary for the specific installation.
Open and close the F5S.x/C00S.5 Key Tube Lock Cylinder to test the cylinder functionality after installation.

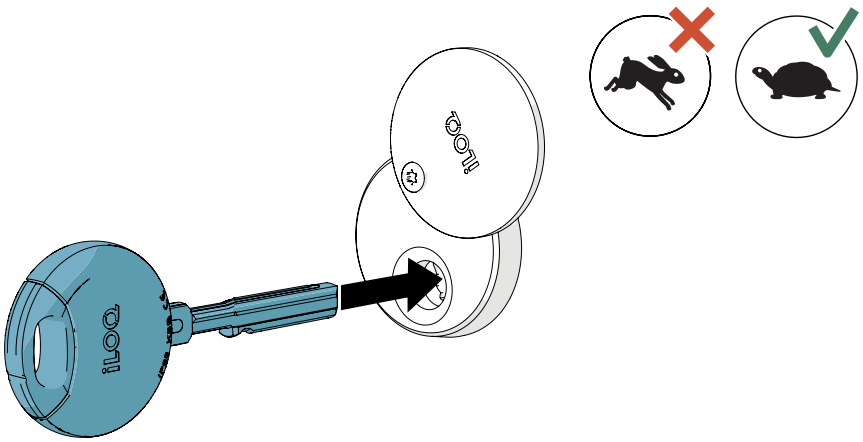
6. Operating instructions

6.1 Open the key tube

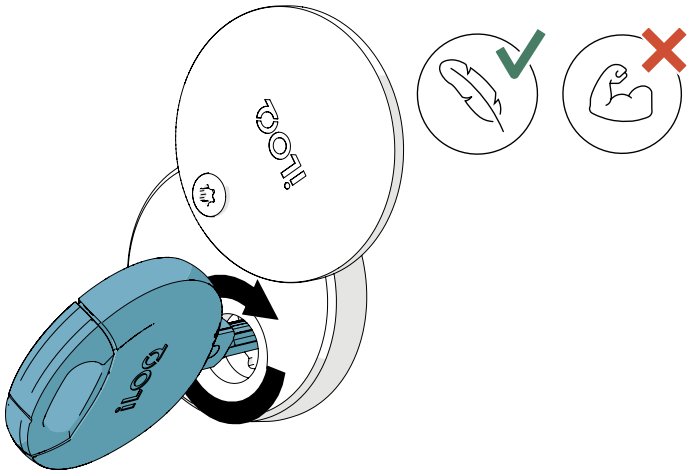
1. Shift the cover piece from the keyway.



2. Insert the iLOQ key into the lock.



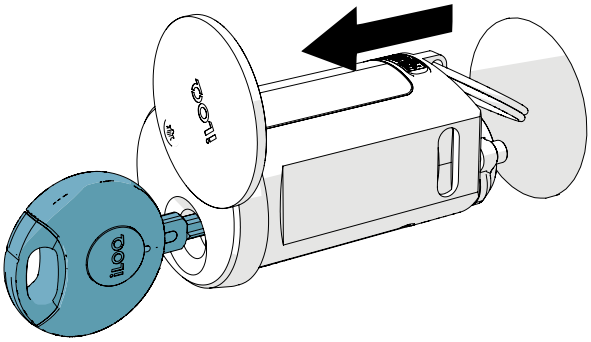
3. Gently turn the key to unlock the cylinder. If the key does not turn easily, remove the key from the lock, and reinsert the key to try again. Do not use excessive force.



NOTE! iLOQ locks open with a light turn of the key. There should be no need to use force when opening an iLOQ lock. If you feel resistance from the key, or notice that the door is not well fitted, contact the building service.

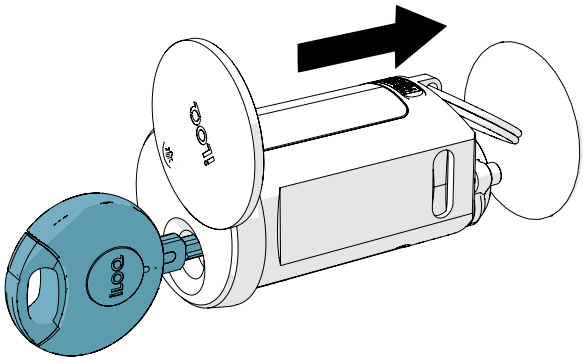
NOTE! The cylinder can be operated as long as the key is fully inserted into the cylinder and turned to unlocked position. When the key is turned back to vertical position and pulled out, the cylinder goes to locked position.

4. Pull out the F5S.x/C00S.5 cylinder from key tube while holding the key in unlocked position.

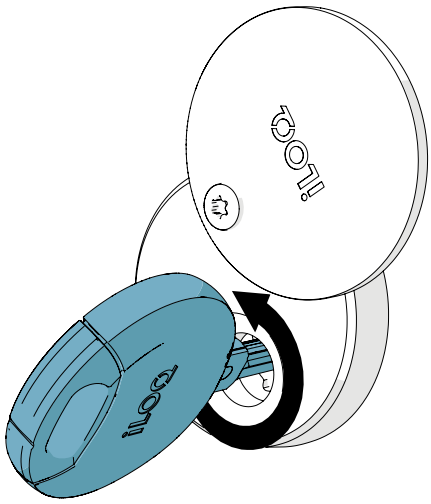


6.2 Lock the key tube

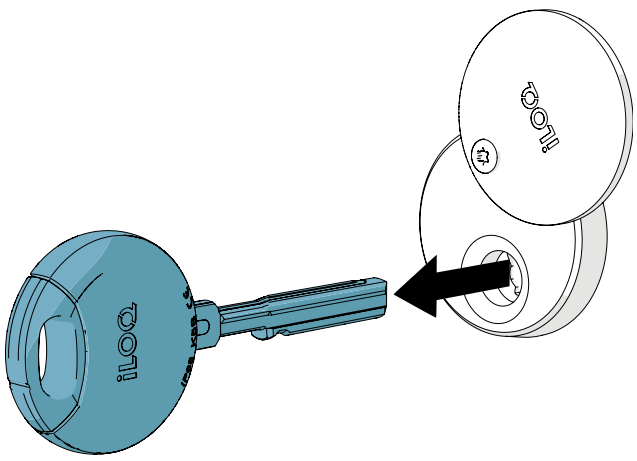
1. Insert the F5S.x/C00S.5 Key Tube Lock Cylinder into the key tube while holding the key in unlocked position.



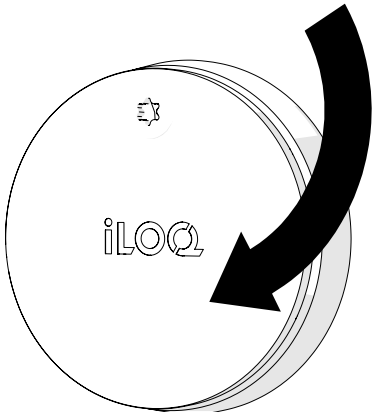
2. Gently turn the key to lock the cylinder into the keytube.



3. Remove the key from the lock.



4. Shift the cover piece onto the keyway.

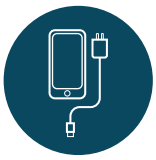


7. Disposal of Decommissioned Products

Never discard an electrical appliance in household waste. Follow the local laws and regulations for safe and environmentally friendly product disposal.

Before discarding products, bear in mind that most iLOQ products are **reusable**. All programmable products can be reset to factory settings, after which they can be reused in another system.

Recycling instructions of decommissioned products are depicted below.

Decommissioned product	Sorting
Decommissioned iLOQ fittings, mounting accessories and thumb turn knobs can be recycled as scrap metal.	
Decommissioned iLOQ products containing electronics and circuit boards, such as iLOQ Lock Cylinders, keys, net bridges, door modules, key and RFID readers, and relay cards, must be recycled at an electrical and electronic equipment collection point.	
iLOQ products containing batteries and accumulators, such as key fobs, programming keys and clock circuits, should be recycled at a regional collection point for batteries and small accumulators.	
Most iLOQ packaging materials are suitable for cardboard and plastic recycling.	

8. Compliance

The products mentioned inside this user guide are in conformity with the requirements of the directives declared on this page.

CE

Hereby, iLOQ Oy declares that the F5S/C00S.5 Key Tube Lock Cylinders are in compliance with Directives 2014/30/EU, 2011/65/EU and 2015/863/EU. The full text of the EU declaration of conformity is available at the following internet address: www.iloq.com/en/declaration-of-compliance/

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