Micro**IQ**™

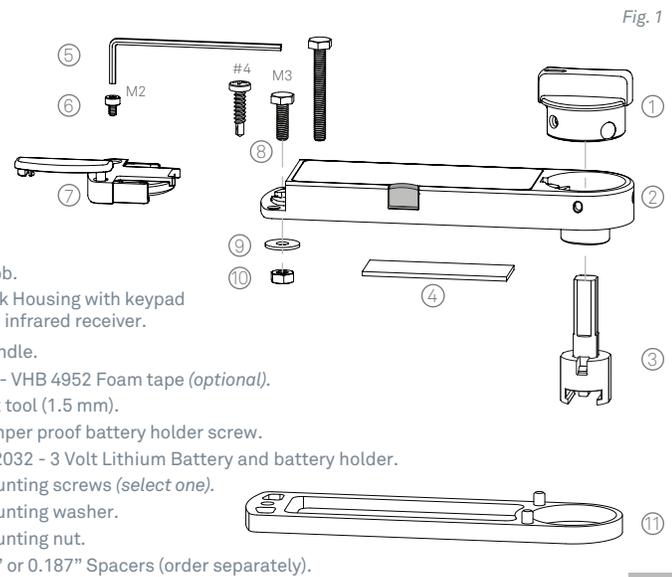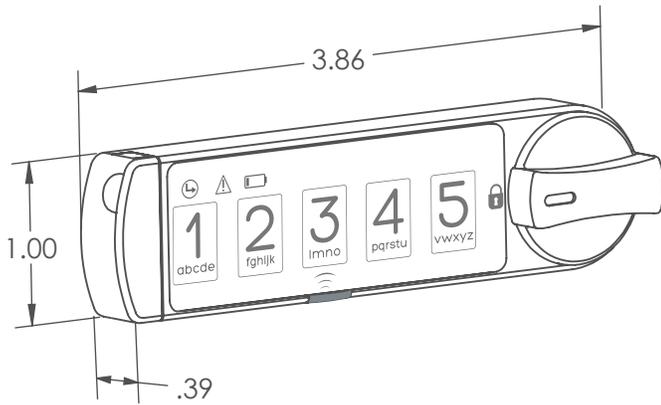## CORE REPLACEMENT LOCK
Installation Instructions

Timberline

FOR OFFICE FURNITURE, STORAGE CABINETS, LOCKERS, SAFES, VAULTS, SECURED ENCLOSURES

General dimensions

Fig. 1

1 Knob.
2 Lock Housing with keypad and infrared receiver.
3 Spindle.
4 3M - VHB 4952 Foam tape *(optional)*.
5 Hex tool (1.5 mm).
6 Tamper proof battery holder screw.
7 CR2032 - 3 Volt Lithium Battery and battery holder.
8 Mounting screws *(select one)*.
9 Mounting washer.
10 Mounting nut.
11 0.1" or 0.187" Spacers (order separately).

1

2

Installation

See *Figure 1* for available mounting hardware. When mounting the **MicroIQ** to a cabinet door or drawer, a separately mounted handle should be used to operate, open and close the door or drawer.

Additional mounting fasteners *(#8)* are provided and must be added through the battery extremity of the housing. If drilling is required for thick panels use the drilling template provided at the end of this manual. Double sided tape is also provided.

1 Using your change key, insert and rotate your key to the extreme CW position and remove the lock core.

Remove protruding finish cup or bezel if collar exists around the lock shell.

2 Engage the spindle in the lock shell
With the knob attached, insert the spindle into the lock shell.

MicroIQ *spindle with knob*

Lock shell
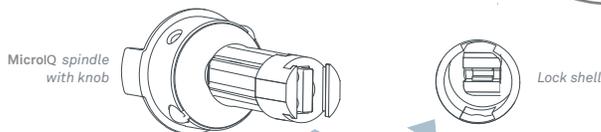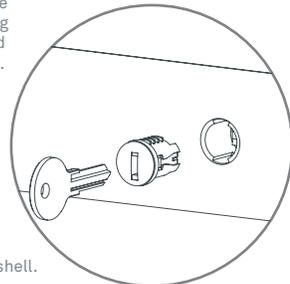
Attention!
This is not a push-in assembly. The proper engagement of the spindle is essential for consistent operation.

3 Using the knob, ***firmly*** turn the spindle counter clockwise until it stops.

Turn the knob as far as possible CCW after inserted
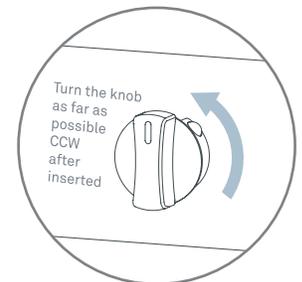
4 Important!
Verify that the spindle is engaged by removing the knob and pulling out on the spindle while turning it left and right.

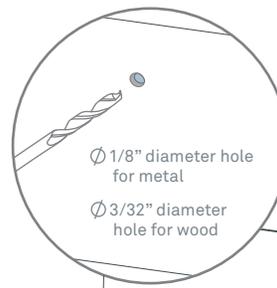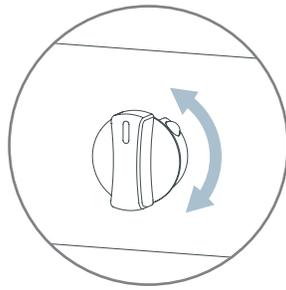If the spindle comes out, repeat this process with attention to *Step 3*.
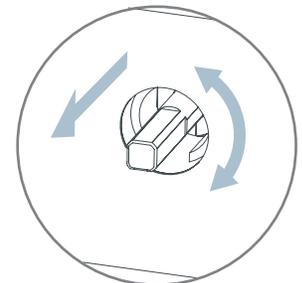
3

4

5 Turn the knob and verify that the spindle is engaged and operates the locking mechanism as intended.

Turn to locked position and remove the knob.

∅ 1/8" diameter hole for metal

∅ 3/32" diameter hole for wood

6 The **MicroIQ** can be mounted with the enclosed screw or double stick tape or both.

The installation template at the end of this manual can be used to drill the mounting hole for the **MicroIQ**. A wood screw and a self-tapping metal screw are provided.
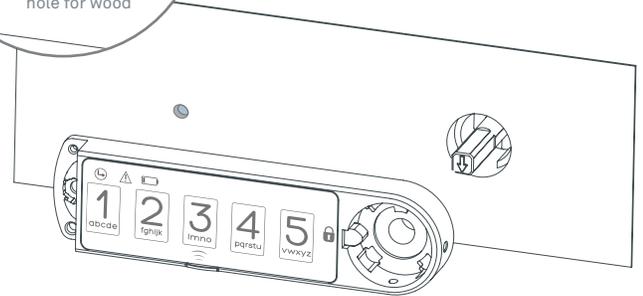
7 If the lock shell has a non-removable finish cup or a collar/bezel that would restrict the **MicroIQ** from being inserted flush to the cabinet, use an appropriate lock spacer in between the **MicroIQ** and the cabinet. Spacers of 0.1" (P/N: 13081-00) and 0.187" (P/N: 13081-10) are available from *TriTeq*.

The spacers are available in chrome and black finish. To select your preferred finish, add the letter **"C"** for chrome or **"B"** for black to the end of the part number. (e.g.: 13081-00-C)

Select appropriate mounting screw. If a lock spacer is required, a mounting screw must be used.

Mount as shown on page 8.

Remove the backing from the foam tape (underneath the lock body) and insert the **MicroIQ** in the desired orientation until it is flush with the face of your panel.

Allow tape to cure for 72 hours.

8 Insert the knob and push until flush inside housing at locked position and rotate to verify that the cam stop was positioned correctly.
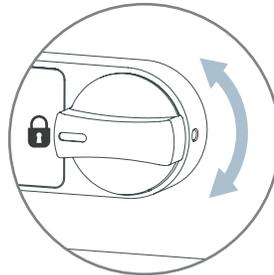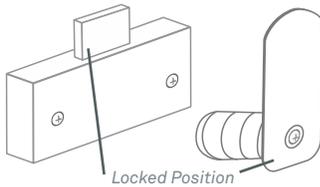
**Confirm that your mechanism is locked when the knob points to the lock icon 🔒 .**

Bezel

Lock Spacer
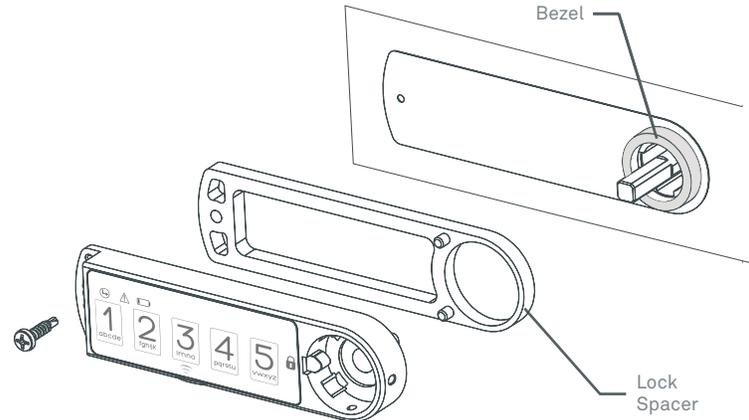
**9** Rotate your mechanism to locked position.

Locked Position

10 Insert and align the knob with the lock icon 🔒 and rotate it to verify that the cam stop is positioned correctly.

If the knob cannot be consistently aligned with the lock icon 🔒 , adjust the cabinet mechanism to eliminate any drag or friction.
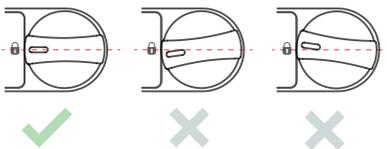
11 If your locking mechanism requires the knob to rotate CCW from "locked" to "unlocked", rotate your knob only 45° and using the hex tool, fasten the knob to the spindle from the indicated location.

45°
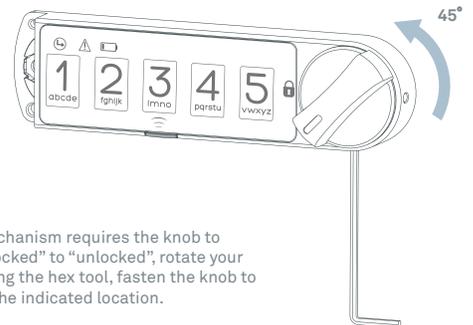
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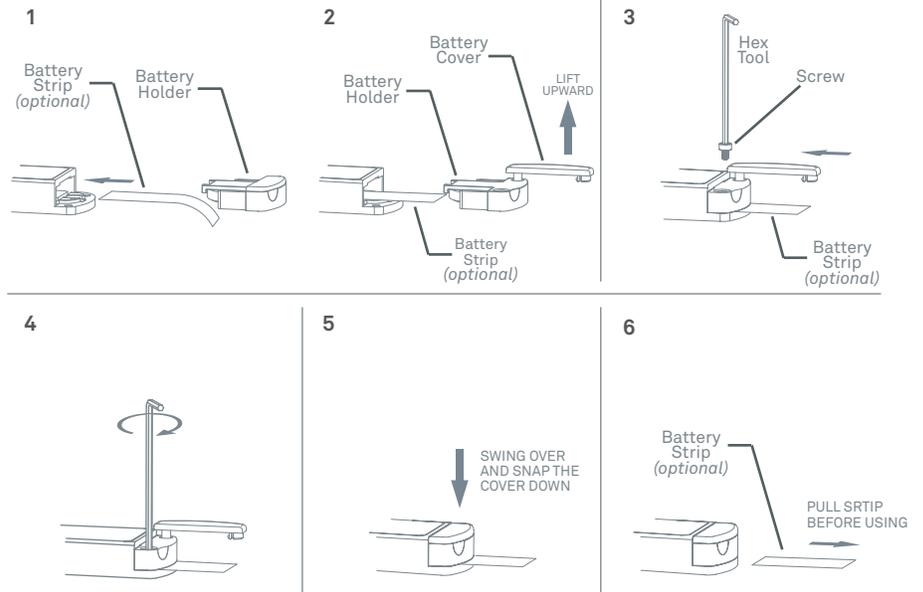
45°

Battery

NOTE: If the assembled lock is going to be transported or shipped, it is required that the battery assembly includes the battery strip. If the lock is being set up for use, the battery strip is not needed *(skip step 2 and 7)*.

1. Rotate the knob to the unlocked position

2. Insert the battery strip into the housing.

3. Insert the battery holder assembly (battery, holder, and cover) into the lock housing making sure the cover is open. If the assembly is not fully seated, make sure the battery holder screw is flush with the bottom of the assembly and that it is not interfering with the fit.

4. Insert the provided M2 screw in the battery holder.

5. Use the hex tool to attach the battery assembly to the lock housing.

6. Swing the battery cover closed and snap in place.

7. If transporting/shipping the lock assembly, the battery strip must be removed prior to use. Remove by pulling the strip out of the housing.

1

Battery Strip *(optional)*   Battery Holder

2

Battery Holder   Battery Cover   LIFT UPWARD

Battery Strip *(optional)*

3

Hex Tool   Screw

Battery Strip *(optional)*

4

5

SWING OVER AND SNAP THE COVER DOWN

6

Battery Strip *(optional)*

PULL SRTIP BEFORE USING

Cleaning and Care:

TriTeq offers a one year limited warranty on all products to be free from manufacturing defects in materials and workmanship. This limited warranty does not cover battery, lost combinations or damages caused by improper mounting, operation or unreasonable use.

TriTeq Limited Warranty:

To clean the **Micro**IQ surface, apply a non-acid based cleaner to a clean cotton cloth. Do not spray cleaner directly on the **Micro**IQ. Wipe down the keypad and housing surface of excess cleaner.

Liability Limits:

This is a limited warranty and in lieu of all other warranties (including the implied warranties of merchantability and fitness of use) and under no circumstances shall TriTeq Lock & Security or Hudson Lock, LLC be liable for any incidental or consequential damages or losses.

Operating Temperature: 0 - +50 C
Storage temperature: -10 - +70 C
Operating Moisture: 20% - 80% Rh   (without condensation)
Replacement Battery: 3 volt lithium CR2032
Battery Life: minimum of 3 years

www.microiqlock.com

Mounting Template

Cut along the dotted line and use as template for drilling

3.150

∅

.75

1.00
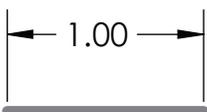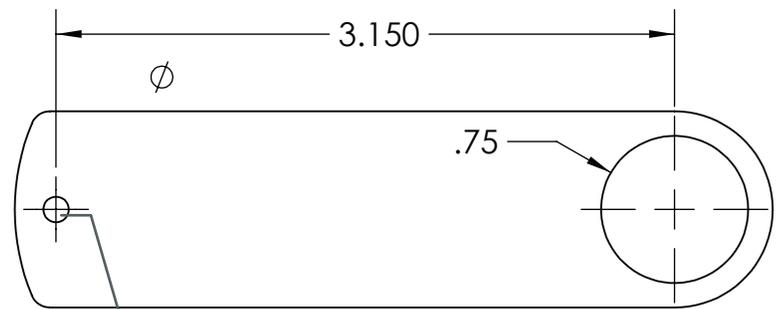
Measure before drilling.
If the length of the segment is different from 1.00" the template dimensions will be scaled accordingly

1/8" diameter hole for metal
3/32" diameter hole for wood