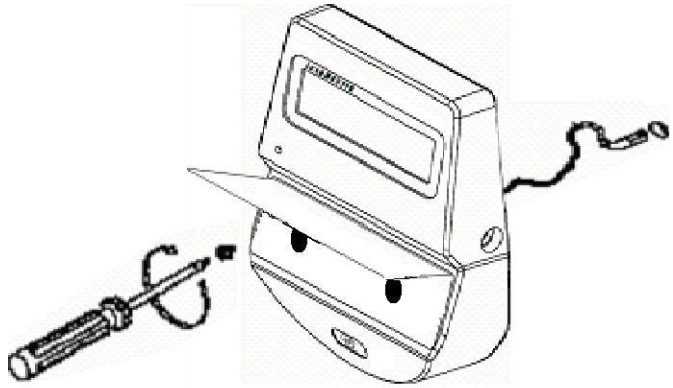
M·LOCKS

T9530
TechMaster

Keypads with display

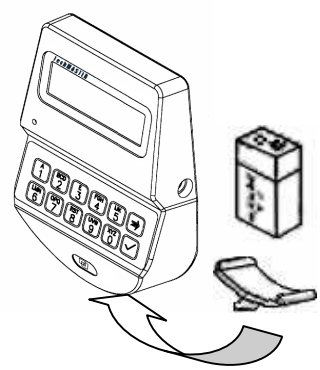
Technical manual

STATIONARY MOUNTING



Route the cable through the cable hole.

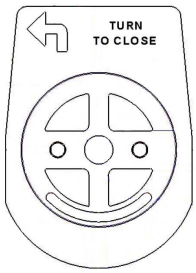
Affix the two mounting screws.



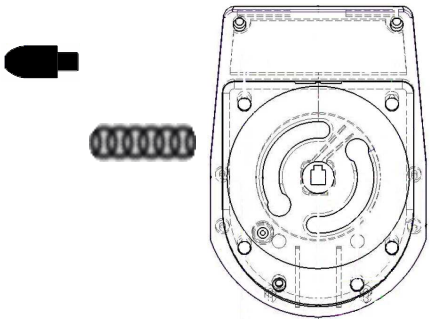
Remove the protective film from the membrane, carefully align the margins and stick it to the housing.

Connect one (1) battery to the battery clip. Only use 9V-ALKALINE batteries from brand name manufacturers like DURACELL™.

TURNABLE MOUNTING



Affix the bearing plate with the two mounting adapters (M4).



Insert the spring and the pin into the hole on the back cover.

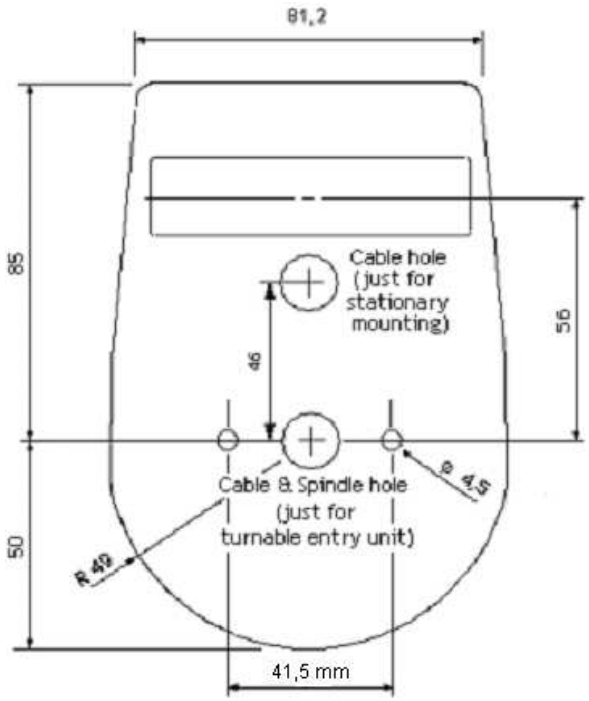
Cut the grooved shaft to the appropriate length.

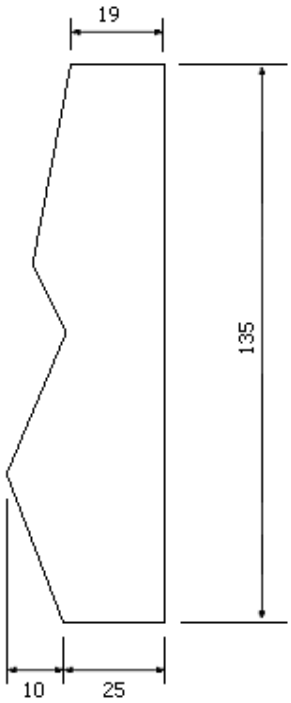
Insert the grooved shaft, with the cut-off edge first, all the way into the entry housing. Push the cable into the groove until flat over the entire length of the shaft. Route the cable and shaft through the spindle hole of the door, hold the unit at an approximately 10:00 o'clock position, and slide it on the mounting adapters. Turn unit clockwise until it clicks into straight position at 12:00.

Remove the protective film from the membrane, carefully align the margins and stick it to the housing.

Connect one (1) battery to the battery clip. Only use 9V-ALKALINE batteries from brand name manufacturers like DURACELL™.

KEYPAD DIMENSIONS AND GENERAL INFORMATION



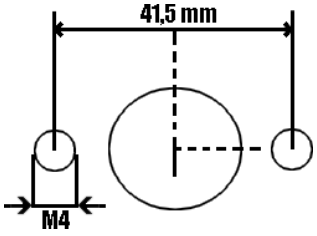


With mounting plate add 3mm to thickness; with turnable plate add 9,7mm.

The diameter of the hole cable should be minimum 9mm, maximum 12mm.

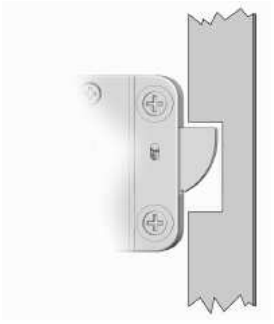
Prepare mounting and cable holes as indicated in the picture.

The hole must be deburred well to avoid damage to the cable.



Once the keypad has been mounted no more welding can be done on the safe.

ROTOBOLT LOCK

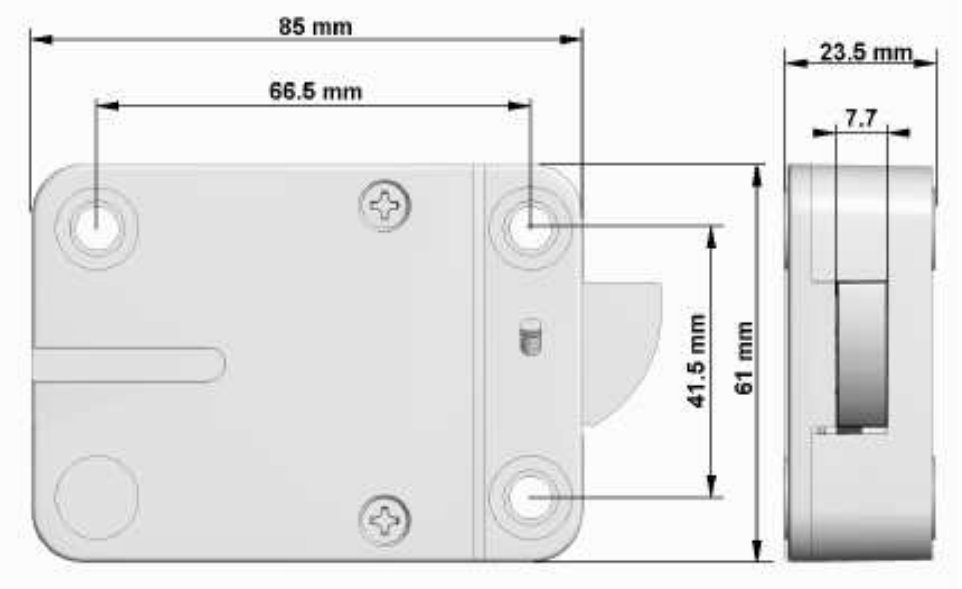


In the LOCKED position, there should be approximately 1mm clearance between the lock bolt and the cavity in the blocking bar of the boltwork.

The lock bolt must move freely into the cavity.

Only use M-Locks supplied screws to mount the lock.
Tighten the screws securely so the lock body is attached firmly to the mounting surface. Do not overtorque mounting screws. Maximum torque 3.5Nm.
Make sure there is an air space on all sides of the lock bolt when the safe's boltwork is fully thrown into locked position.

ROTOBOLT DIMENSIONS



Insert the keypad cable into the “ENT” connector of the lock. Check that the cable is completely seated (to remove it lift it up and carefully pull it out).

Battery box or alarm interfaces will be connected to the “BAT” connector of the lock.

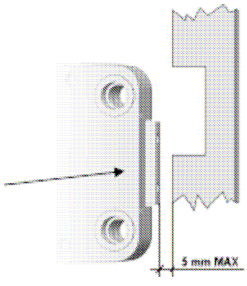
Tie cables away from moving parts.

Connect a 9V-ALKALINE battery and repeat functional test (with door open) several times before locking the safe door.

STRAIGHTBOLT LOCK

In the LOCKED position, there should be approximately 1mm clearance between the lock bolt and the cavity in the blocking bar of the boltwork. The lock bolt must move freely into the cavity.

In OPEN position, there should be minimum 3mm and maximum 5mm clearance between the lock bolt and the blocking bar of the boltwork.



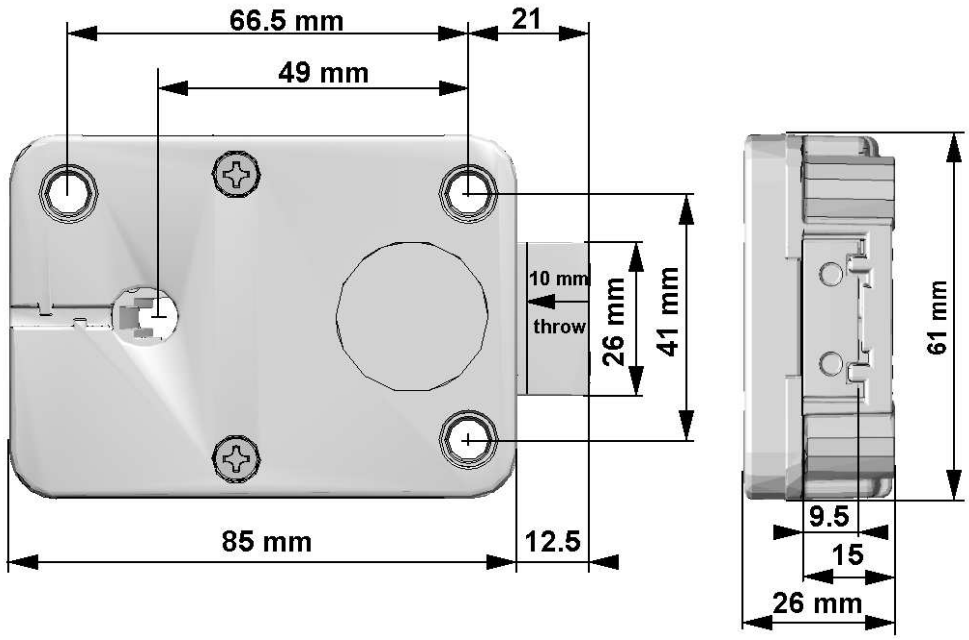
The force applied to the bolt must not exceed 1kN.

Only use M-Locks supplied screws to mount the lock. Tighten the screws securely so the lock body is attached firmly to the mounting surface. Do not overtorque mounting screws. Maximum torque 3.5Nm.

Make sure there is an air space on all sides of the lock bolt when the safe's boltwork is fully thrown into locked position.

The grooved shaft must extend between 6 and 11mm off the mounting surface: there must be at least 4mm clearance between the shaft and the lock cover to avoid cable damages during the use of the lock. The shaft must be deburred well to avoid damage to the cable.

STRAIGHTBOLT DIMENSIONS



Make sure the cable is in the groove. Insert the cable connector into the square hole in the bottom of the lock and guide it through the hole in the lock cover.

Holding the cable straight place the lock with the square cavity on the grooved shaft and then screw it to the mounting surface.

Insert the keypad cable into the "ENT" connector of the lock. Check that the cable is completely seated (to remove it lift it up and carefully pull it out). To tie the cable, push it into the square groove in the lock cover. Battery box or alarm interfaces will be connected to the "BAT" connector of the lock.

Connect a 9V-ALKALINE battery and repeat functional test (with door open) several times before locking the safe door.

Never remove label on lock cover, this voids the warranty.