



Product card User manual

Koliber Safes Koliber Deposit Drop Safes KSN Wall Safes Grade S1

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Application

The Koliber series are modern, high-quality safes suitable for storing jewelry, firearms, ammunition etc. The "Laptop" models are recommended for storage of portable computers. Products of the Koliber series are characterized by high capacity with external dimensions optimized for home and business needs.

Depending on the model, Koliber Safes are designed for installation in walls or furniture and may also be used as freestanding safes having been fixed to the floor.

Certificates for storing

- Valuables in accordance with the EN 14450 standard, grade S1.

Warning! In order to keep the product's resistance grade safe or cabinet weighing up to 1 000 kg must be anchored to the ground (freestanding models) or built into the wall (built-in models) according to the user manual.

Important – read before operating the safe

- ! Please read this user manual and follow its provisions.
- ! If the device is equipped with a combination or/and electronic lock ALWAYS remember to change a default code on its own, unknown to third parties, BEFORE using the device. Leaving default code is a threat to the security of deposited values.
- ! Changing the code and test of the new code in the combination or electronic lock MUST be done on the open door of the safe. By changing the code on closed door you run the risk of the need for their emergency opening.

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- ! If the safe is equipped with a handle or knob to move the bolts, opening or closing the door should be done **ONLY** by holding the handle or knob to move the bolts. Opening or closing the safe door by pulling on the key, combination lock knob or electronic lock keypad can result in product damages, which are not subject to warranty.
- ! Before closing the safe door you **MUST** check if the bolts are maximally retracted. Extended bolts while closing the safe door can damage the paint coat at the place of bolts impact on the edge of the door opening. Such damage is not considered as a basis for warranty repair.
- ! At the end of this user manual you will find information how to conduct the most common problems.

Product description

- > Bodies of Koliber safes are made from high quality sheet metal with increased resistance to attack;
- > The highest safety standards are also guaranteed by:
 - o reinforced door panel with a thickness of 5 mm with an additional cover of the bolt mechanism and lock;
 - o solid bolts with a diameter of 20 mm;
 - o additional protection against drilling through the bolts;
 - o internal and external door block preventing the bolted safe from being opened after the hinges have been cut out;
- > The outline of the door contains thresholds which hinder access to the bolts and protect against pushing of the safe's door to the inside during a forced entry attempt;
- > Door bolting by means of moving bolts;
- > Door with internal hinging;
- > Door opening angle: 90°;
- > Safes are powder coated ensuring durability;
- > 24-month guarantee.
- > Models with electronic locks are equipped with a handle.

Standard equipment

- > Anchoring holes;
- > Shelves (depending on model); maximum shelf load: 50 kg;
- > A-grade key lock with two keys;
- > Product card and user manual (this document) with guarantee card.

Additional equipment (option)

- > Replacement of the key lock with a combination or electronic lock (the electronic lock version is also fitted with a handle and up-down bolts);
- > Third key to the key lock;
- > Shelves (models K 35, K 45 Laptop, K 62 Laptop, KSN 35, KSN 45 Laptop);

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- Drop slot on the side or back of the body (models Koliber 45 Laptop, Koliber 62 Laptop);
- Separately lockable internal box to the Deposit Drop Safes;
- Handgun holders – 5 pieces of firearms (K 45 Laptop 15");
- Handgun holders – 6 pieces of firearms (K 20 Laptop 17", K 45 Laptop 17", K 62 Laptop 17", KSN 20 Laptop 17", KSN 45 Laptop 17");
- Expansion anchors;

Types of locks:



key



combination



electronic

Standard colours

- Light grey RAL 7035.
- Light grey RAL 9002.
- Black RAL 9005.

*Customizable to all RAL colours on request (powder coat).

Specifications

Model	External dimensions [mm]			Internal dimensions [mm]*			Weight [kg]	Capacity [l]
	H	W	D	H	W	D		
Koliber 16	160	310	180	154	304	130	10	6
Koliber 20	200	310	200	194	304	150	12	9
Koliber 35	350	310	280	344	304	230	19	23
Koliber 45- Laptop15"	450	400	370	444	394	320	35	56
Koliber 20- Laptop 17"	200	490	370	194	484	320	23	30
Koliber 45 Laptop 17"	450	490	370	444	484	320	39	69
Koliber 62 Laptop 17"	620	490	370	614	484	320	49	95
KSN Wall Safe 20	274	384	194	194	304	130	13	8
KSN Wall Safe 35	424	384	194	344	304	130	16	14
KSN Wall Safe 45 Laptop 17"	524	564	384	444	494	320	33	70

*Internal dimensions between the walls of the safe.

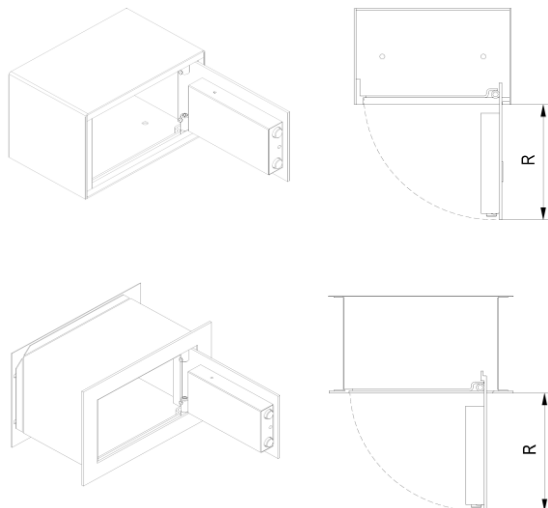
Koliber Safes

Model	Standard number of shelves [pcs.]
Koliber 16	0
Koliber 20	0
Koliber 20- Laptop 17"	0
Koliber 45 Laptop (15",	1
Koliber 62 Laptop (17")	1
KSN Wall Safe 20	0
KSN Wall Safe 35	0
KSN Wall Safe 45 Laptop 17"	1

Model	Door opening radius R [mm]	Door clearance [mm]	
		H	W
Koliber 16	250	126	219
Koliber 20	250	166	219
Koliber 45-Laptop 15"	340	416	309
Koliber 20-Laptop 17"	440	166	409
Koliber 45 Laptop 17"	440	416	409
Koliber 62 Laptop 17"	440	586	409
KSN Wall Safe 20	235	166	219
KSN Wall Safe 35	235	316	219
KSN Wall Safe 45 Laptop 17"	415	416	399

Drop model*	Maximum dimenions of package dropped [mm]		Grade
	wysokość	szerokość	
Drop slot	38	170	S1
Drop slot	12	120	-
Upper drop slot	12	155	-

* Available only for the Koliber 45 Laptop15", Koliber 45 Laptop 17" and Koliber 67 Laptop17" models.



Installation

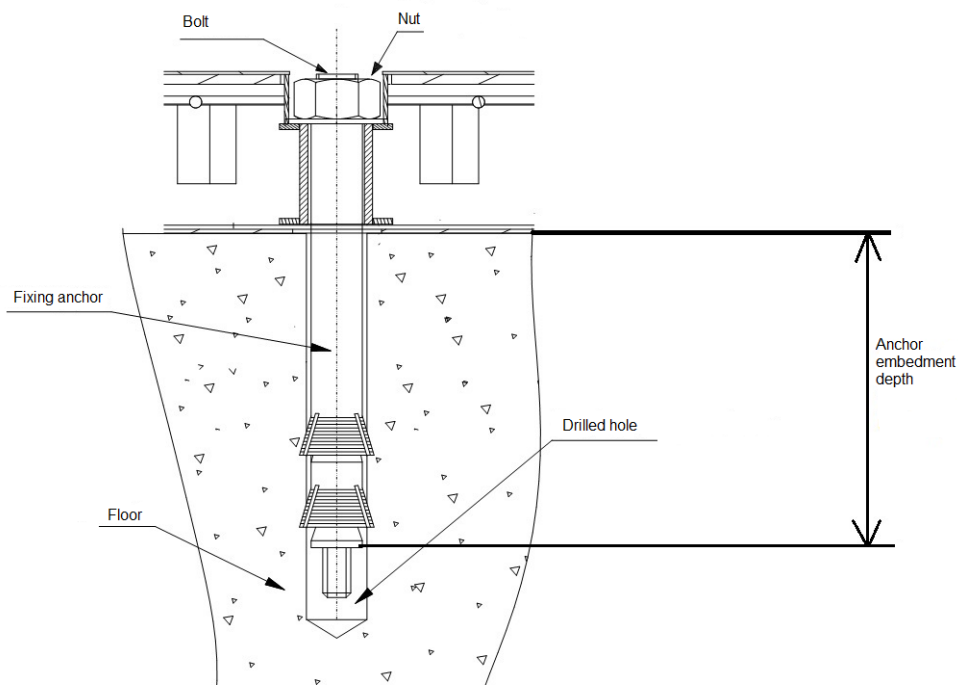
The safes can be mounted to the floor or wall by means of two anchors or screws. It is recommended to install lightweight safes with small dimensions inside other furniture, however, in no case should they be mounted to easily removable shelves.

➤ **In order to mount the safe to the floor or rear wall:**

1. Measure the spacing between the holes in the safe.
2. Mark the location of holes on the floor or wall.
3. Drill holes in the floor or wall to the depth matching the length of the anchors.
4. Position the safe so that the holes of the safe and the holes in the floor or wall overlap.
5. Insert and tighten the anchors (anchors sold separately).

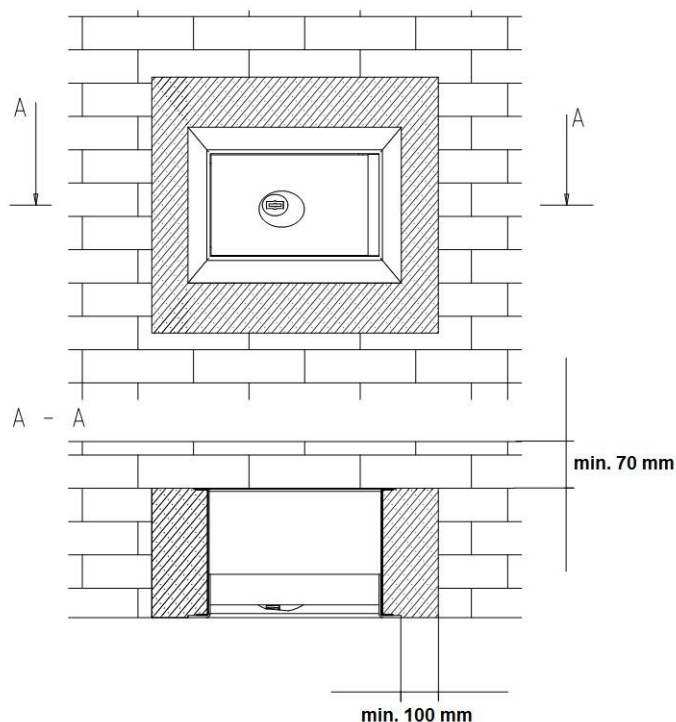
Note: Anchors should be embedded in the floor to a depth of approx. 85 mm, in min. C12/15 concrete. In the case of the concrete substrate covered with a material (eg. stave board, tiles, raw concrete on Styrofoam) in the selection of the length of anchors the thickness of the material should be considered – it could mean a need for longer anchors to keep their embedment depth in concrete at about 85 mm.

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➤ **In order to mount the safe in the wall:**

1. Drill a hole in the wall as shown below.
2. Set the safe centrally in the prepared hole (set vertical and horizontal positioning).
3. When installing safes equipped with a key lock safe front may flush with the plane of the wall. For safes equipped with a combination or electronic lock we recommend to recess the safe to a wall by about 35 mm for a protruding knob (shown below, cross-section A-A) and about 15 mm for a flat knob.
4. We recommend to connect the safe to the wall with clinker on cement mortar or concrete of min. class C20/25.



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› In order to mount the safe in another piece of furniture:

Installation of the safe in furniture is possible. Note, however, that to retain the conditions of the security certificate safe must be anchored to a stable substrate while meeting the requirements for anchor embedment depth and quality of the substrate (concrete class). Anchoring can be done by using longer anchors passing through the wall of the furniture and entering the stable substrate (as in the case of the safe mounted to the floor or wall). It is important that in any case after the safe anchorage anchors are not visible from outside (eg. between the wall of the furniture and walls) to make cutting them impossible.

Operation - opening

› Opening a safe with a key lock:

1. Insert the key into the lock hole.
2. Turn the key by over 90° (over 1/4 of a turn) clockwise, resistance indicates that the lock is open, the key must remain in the lock (the key lock design prevents the key from being removed when the lock is in open position).
3. Pulling the door opens the safe.

› Opening a safe with an electronic lock:

1. Enter the code on the keypad in line with the lock's operation manual.
2. Turn the handle by approx. 90° clockwise, resistance indicates release of door bolts.
3. Pulling the door opens the safe.

Operation - closing

› Closing a safe with a key lock:

1. Close the door by pressing it against the body (door bolts must be concealed).
2. Turn the key by over 90° (over 1/4 of a turn) anticlockwise, resistance indicates that the safe is locked.
3. Remove the key.

› Closing a safe with an electronic lock:

1. Close the door by pressing it against the body (door bolts must be concealed).
2. Turn the handle by approx. 90° anticlockwise, resistance indicates engagement of door bolts.

Replacement of the electronic lock's battery

Note:

Replacement of the battery does not require guarantee seals to be broken.

One 9V battery is required for the replacement.

Follow the instructions below in order to replace the battery.

1. The location of the battery depends on the type of installed lock. Most often battery is located on the internal side of the safe door (in a suitable battery container) or external part of the lock (lock keyboard).
2. If the battery is located in an external lock keyboard:
 - a. Open the safe.
 - b. Remove the black cover of the battery compartment located on the inside of the safe door.
 - c. Replace the battery noting the polarity - the markings "+" and "-".

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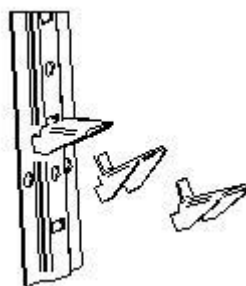
- d. **Check correct operation of the lock while the safe door is open** (open and extend bolts several times).
 - e. If the lock operates correctly, replace the battery compartment cover and close the safe.
3. If the battery is inside the safe (most often on internal side of the safe door):
- a. Open the safe.
 - b. Remove the black cover of the battery compartment located on the inside of the safe door.
 - c. Replace the battery noting the polarity - the markings "+" and "-".
 - d. **Check correct operation of the lock while the safe door is open** (open and extend bolts several times).
 - e. If the lock operates correctly, replace the battery compartment cover and close the safe.
4. If the battery is located on the internal side of the safe door and the lock cannot be opened, as well as the safe door are closed:
- a. Check whether the lock keypad has special contact pins to applicate additional battery and emergency lock opening.
 - b. Replace the battery noting the polarity - the markings "+" and "-".
 - c. Hold the whole time additional battery with the contact pins, open the lock with normal code and then unlock the safe door.
 - d. After unlocking the safe door additional battery can be detached and the old battery can be replaced as described above.

Warning: Make sure that the ends of the battery with positive and negative polarity are matched correctly, as marked in the battery compartment. If the battery is installed incorrectly, running the lock will not be possible.

There are locks supplied more than one battery, in such cases, replace all the batteries at the same time. Do not mix old and new batteries or mix batteries of different types (for example, alkaline and lithium batteries). Batteries should not be opened, punctured, loaded, installed, or exposed to fire, heat or water. It is recommended to only use alkaline or lithium batteries of known brands.

Installation of shelves

Safes are delivered with shelves packed separately and placed on the safe's bottom. After unwrapping the shelves, the shelf clips (in a bag) are located in the corresponding perforations in the battens (fig.2). Place the shelves on the clips. The location of the shelves depends on the needs of the user and can be adjusted.



Rys. 2. Installation of shelf clips

* Concerns safes bought with shelves.

Use

- > The product should be used in rooms protected against weather elements and away from substances corrosive to metals. Relative humidity in the room up to 75%. The device can be operated in rooms with temperature within the range of +5°C – +40°C.

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- > When closing or opening the product, attention should be paid to moving parts e.g.: drawer, door. Improper use may lead to injuries e.g.: of fingers should they remain between the drawer and the body or between the door and the body.
- > Pay attention to the position of bolts when closing the door. The bolts must unconditionally be concealed, otherwise the mechanisms may be permanently damaged.
- > The installed locks and mechanisms may not be modified under pain of voiding the guarantee.
- > Installation of locks and mechanisms during the guarantee period may be done by an authorized service or a user holding a written approval of the service.
- > Should it be necessary to change the keys, it is recommended to replace the entire lock.
- > Pay attention to foundation of the safe so that the door does not directly hit obstacles.
- > Bolting mechanisms and locks should operate smoothly and without jamming. In the event of any reservations about operation of the said subassemblies, they ought to be reported to the KONSMETAL service.
- > In the event of any reservations about the delivered product, they ought to be reported to the KONSMETAL service.
- > It is not recommended to make modifications without the manufacturer's knowledge even after the guarantee period has expired.

Maintenance

> **Door:**

It is recommended to lubricate the hinges as necessary, however, no less frequently than once every three years using bearing grease. All the friction couplings and joints of mechanisms ought to be lubricated with technical acid-free petroleum jelly once every three years.

> **Body:**

In principle, the body does not require any special maintenance. Basic maintenance involves cleaning of the body housing. In order to do so, use a soft cloth dampened with mild detergent and then wipe the cleaned surface dry.

Adjustment of hinges

Koliber Safes are not recommended for self-regulation of the hinges because they are located under the locking mechanism cover. If adjustment is necessary, please contact Service.

Most common problems and remedies

1. **Key or combination lock does not close:**

- a. Make sure bolts blocking the door opening are extended. If after their maximum ejection lock does not close, please contact the Service.

2. **Combination lock cannot be opened despite selecting the correct code:**

- a. Make sure the other person has not changed the code.

- b. Make sure that the base of the lock knob with the code set marker does not come loose and the marker is not moved aside from its original position – if so, try to set code in different positions of the marker and then contact the Service to improve the fixing base.

3. Electronic lock works differently than usual – sounds are different and/or diode blinks:

- a. Check the manual of the lock whether lock signals low battery – if so, replace the battery immediately with a new one according to the lock manual.
- b. Make sure that it is not related to entering the wrong code. Detailed information on the unusual situation signaling by the relevant model of the lock can be found in the lock manual.

WARNING! Triple attempt of entering the wrong code moves the lock into 'punishment' mode which means that the lock will not accept any code for a certain time. To open the lock you must wait for a certain time defined for that lock and then enter the correct code. Details are given in the lock manual.

4. Electronic lock makes no sound or does not open:

- a. Replace the battery or connect a new battery with the emergency power supply contact pins (depending on the model of the lock – see the lock manual) and then try to open the lock. If the lock still does not open please contact the Service.

Contact details to the KONSMETAL Service

phone: **+48 89 625 37 99** (Monday – Friday: 8-16)

e-mail: **serwis@konsmetal.pl**

When contacting the Service keep prepared the following data (if possible):

- Device model
- Purchase date
- Serial numer (from the nameplate located inside the device)

In order to verify whether the product is under warranty in most cases it is sufficient to give the serial number from the nameplate. Sometimes you will need proof of purchase or warranty card with purchase date and vendor's stamp.