



RB-LOCKS
INNOVATIVE SECURITY

PRODUCT CATALOGUE





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About RB-LOCKS

RB-DOORS (Rav-Bariach (08) Industries Ltd) was founded in Israel in 1973 and with the developments of the **RB-DOORS** unique multi-bolt locking system, the strength and durability of the steel entry door and the ever-evolving designs, the world of security entrance doors & locks in Israel was transformed.

RB-LOCKS, the lock products division of the company specializes in design, development and production of high quality locks, cylinders, mechanical and electro-mechanical lock mechanisms, electronic locking products, metal handles and hardware and integrated locking solutions. Since inception, **RB-DOORS & RB-LOCKS** set forth to lead the door industry, establishing new standards for **security, quality, visionary thinking and cutting edge technology**.

The company's two modern production facilities are located in Israel and produce a broad range of residential, industrial and high defence security products. All products are in compliance with the strictest of local Israeli and international regulations with uncompromising attention to safety and quality.



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LOCXIS Technology Platform

Locxis patented technology is one of the most advanced High Security cylinder platform in the world, based on a combination of different types of unique combination of key and cylinder, pin configurations designed for the highest level of security.

The Locxis key pins combine 2 or 1 rows of external pins, internal pins, springs and stainless steel balls for advanced range of combinations to obtain the optimal and most advanced security level. Locxis plug pins made from stainless steel and produced by accurate machining process may provide possibility to assemble complex master systems.

Locxis cylinders includes anti drill pins to increase the resistance against drilling and burglary. Each combination chamber sealed with metric screw, providing flexibility in rekeying and master systems build.

The Locxis key blank duplication control based on unique code printed on the duplication card and can be duplicate only by presenting the card to a professional authorized locksmith .

The Locxis Platform can be applied on European profile cylinders, Oval Profiles cylinders, RIM, Mortise etc.

LOCXIS
by RB



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Dynamic Plus Technology Platform

Dynamic plus technology based on telescopic pin tumbler mechanism – external and internal pins that must be aligned simultaneously to allow the plug rotation.

Dynamic Plus plug pins made from stainless steel and produced by accurate machining process allows the assembly of complex master systems.

Dynamic Plus cylinder includes anti drill pins to increase the resistance against drilling and burglary. The Dynamic Plus technology can be applied on European or Oval cylinder Profiles, RIM, Mortise and more.



DYNAMIC 
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Euro Profile Cylinder

Suitable for locks using Euro profile cylinders, compatible with RB multi point locks.
Standard double or single cylinder.

Specifications

Operation: 360° rotation by operating key or thumb turn.

Dimensions: as requested.

Materials:

Body and plug: Brass.

Pins: telescopic pin system made of stainless steel, allows the accurate master complex systems building.

the cylinder is protected by four anti-drilling pins (double cylinder).

Finishes available (Standard):

Nickel satin (US15)

Shiny brass (US3).

Cylinder Platforms available: Locxis, Dynamic plus.

Standards:

EN1303

SII950

Sold-Secure – Gold



Anti Snapping

Anti Snapping Cylinder- has a slot that is intentionally designed to break down if excessive force or torque is applied on it, during tampering with the cylinder.

After breaking, the locking mechanism cannot be reached and the authorized key may continue to operate the snapped cylinder.





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RIM Cylinder

Tail cylinders are suitable for use with a wide range of Rim locks in residential and commercial applications.

Specifications

Operation: 360° rotation by operating key.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of Stainless Steel, allows the accurate master complex systems.

Cylinder is protected by four hardened steel anti-drilling pins.

Finishes available (Standard):

Nickel satin (US15).

Shiny brass (US3).

Locking system available: Lockis, Dynamic plus.



Mortice Cylinder

Cam cylinders are suitable for residential and commercial door locksets.

Specifications

Operation:

360° rotation by operating key or thumb turn.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of Stainless Steel, by accurate machining allows building complex master systems.

Cylinder is protected by four hardened anti-drilling pins.

Finishes available (Standard):

Nickel satin (US15).

Shiny brass (US3).

Cylinder Platforms available: Lockis, Dynamic plus.





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Combi Cylinder

Tail or Cam cylinders are suitable for use as top lock in residential and commercial buildings and a wide range of locking mechanisms.

Specifications

Operation:

360° rotation by operating key.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of Stainless Steel, allows building complex master systems.

Cylinder is protected by hardened steel anti-drilling pins.

Finishes available (Standard):

Nickel satin (US15).

Shiny brass (US3).

Locking systems available: Locxis, Dynamic plus.



Cam Cylinder

Cam cylinders are suitable for a variety of applications: cabinets, drawers, personal lockers, coin operated machines etc. available in sizes 19, 22 and 29

Specifications

Operation:

90° rotation by operating key.

Can be operated clockwise or counter-clockwise.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of Stainless Steel by accurate machining, allows building complex master systems.

Cylinder is protected hardened steel anti-drilling pins.

Finishes available:

Nickel satin (US15).

Shiny brass (US3).

Locking systems available: Locxis, Dynamic plus.



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Oval Cylinder

Suitable for use with UK oval profile lock cases Standard double cylinder.

Specifications

Operation:

360° rotation by operating key or thumb turn.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of Stainless Steel, by accurate machining allows building complex master systems.

Cylinder is protected by four hardened steel anti-drilling pins.

Finishes available (standard):

Nickel satin (US15).

Shiny brass (US3).

Standards:

EM1303

Cylinder Platforms available: Locxis, Dynamic plus.



Scan Cylinder

Cam cylinders are suitable for “Assa” type lock. Available as a pair of internal and external cylinders or external cylinder only.

Specifications

Operation: 360° rotation by operating key.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of Stainless Steel, by accurate machining allows building complex master systems.

Cylinder is protected by hardened steel anti-drilling pins.

Finishes available (standard):

Nickel satin (US15).

Shiny brass (US3).

Cylinder Platforms available: Locxis, Dynamic plus.





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Forclaz Cylinder

Cam cylinders are suitable with “Fichet” type rim lock cases. Available as a pair of internal and external cylinders (or each of them alone).

Specifications

Operation:

360° rotation by operating key.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of Stainless Steel by accurate machining, allows building complex master systems.

Cylinder is protected by hardened steel anti-drilling pins.

Finishes available (standard):

Nickel satin (US15).

Shiny brass (US3).

Locking system available: Locxis, Dynamic plus.



Charvin Cylinder

Cam cylinders are suitable for “Cazis” type lock cases. Available as a pair of internal and external cylinders or external cylinder only.

Specifications

Operation:

360° rotation by operating key.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of Stainless Steel by accurate machining, allows building complex master systems.

Cylinder is protected by anti-drilling pins.

Finishes available (standard):

Nickel satin (US15).

Shiny brass (US3).

Locking system available: Locxis, Dynamic plus.



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Jolioz Cylinder

Suitable for “Keso” mortise lock cases.

Specifications

Operation: 360° rotation by operating key.

Materials: Body and plug: Brass; Pins: Telescopic pin system made of Stainless Steel, allows building complex master systems. Cylinder is protected by anti-drilling pins.

Finishes Available:

Nickel satin (US15).

Shiny brass (US3).

Locking Platform Available: Locxis, Dynamic plus.



Verrou Sambut

Cam cylinders are suitable with “Vachette” type rim lock cases.

Specifications

Operation:

360° rotation by operating key or thumb turn.

Materials:

Body and plug: Brass.

Pins: Telescopic pin system made of stainless steel allows building complex master systems. The Cylinder is protected by hardened steel anti-drilling pins.

Finishes available:

Nickel satin (US15).

Shiny brass (US3).

Locking systems available: Locxis, Dynamic plus



Inside



Outside

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RAV-KOD Cylinder (PAT.PEND)

Changeable combination key system (or “RAV-KOD”):

Convenient solution for replacing the cylinder combination; the solution allows replacing the cylinder combination without replacing the whole cylinder lock.

The usage of a new key with a new combination obliterates the previous key combination by changing the cylinder combination.

“RAV-KOD” key set:

The key set is formed from 3 different key types, with different key head colors and different combinations. The predetermined order of the keys allows changing the cylinder combination so that the old key will not open the cylinder, after the new one was used first time. Each key has its own particular combination.

Easy to use:

To change the cylinder combination, simply insert the new key into the cylinder and rotate till hearing a “click”.

“RAV-KOD” Cylinder includes a unique duplication card with three combinations.

“RAV-KOD” is available on variety of cylinder types.

Available for all cylinders platform



Emergency Cylinder (PAT.PEND)

Special cylinder that allows inserting keys from both sides of the cylinder and operate them simultaneously, activating a “double clutch” mechanism .

Specifications

The technology can be applied on Euro-profile cylinder, Locxis or Dynamic systems, with gear or cam.

Emergency cylinders may be delivered with random combination key set, keyed alike or in Master Key Systems.

Applications: Institutes, hospitals , schools , nursing homes etc.





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Padlocks

High security padlock series are suitable for commercial and domestic use. RB padlocks can be supplied individually keyed, or keyed alike or as part of master key system together with other RB cylinders or cam locks.

For general use and enhanced protection the padlocks can be used with RB hasps.

Specifications

Operation:

Unlocking by 55° - 65° key rotation.

Equipped with RB high security Cylinder.

Dimensions: 8, 10, 13 and 16

Shackle type – A, B and C

Options: Removable shackle, Connected shackle.

With draining holes cover, normal cover.

Materials: Mechanism – Steel; Cover and Shackle – hardened steel.

Finish (Covers):

Nickel satin (US15)

Black coating

Cylinder Options: Locxis, Dynamic plus



Hasps

Secure housing for padlocks with removable shackle. The hasps may be welded or bolted to steel, wood or aluminum structures.

Specifications

Materials: High quality steel investment casting.

Options: Three types to fit the 10, 13 and 16 removable shackle padlocks Series.

Hasps dimensions:

Padlock 10: 80 95 40 mm

Padlock 13: 90 109 40 mm

Padlock 16: 110 116 48 mm



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Padlocks G

470P and 570P models are a solid brass body padlock for general use with shackle protector.

Specifications

Operation:

Double bearing ball locking mechanism with 90 degrees key rotation
Equipped with RB high security Cylinder.

Dimensions: 47mm, 55mm

Materials:

Body material – brass

Shackle material - hardened steel

Finish: Brass, nickel.

Locking system available: Locxis, Dynamic plus.

Optional : Locxis and Dynamic Plus keyed alike and master keyed



Multi Point Locks - 507, 606

Specifically designed for RB Security Steel Doors to provide Multi bolt locking.

It may be used for any wood or hollow metal door.

Specifications

507: 4 bolts of 10 mm each.

606: 3 bolts of 13mm each.

Operation : Performs geometrically lock.

Operated by Cylinder with gear (10 teeth)

Latch is reversible for Left Hand and Right Hand Doors

Materials:

Case, mechanism and bolts - Steel.

Finish:

Side strip and bolts – Nickel Chrome.





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Multi Point Lock with Monitoring Function

A Multipoint lock that includes a high endurance micro-switch, for detecting the lock (complete bolts extension) position. The signal (opening or closing an electric circuit) can be sent to any desired destination, via a cable passing through the case. Specifically designed for RB Steel Doors to provide Multi bolt locking.

Specifications

Operation: Locked/Unlocked Indication.

Performs geometrically lock.

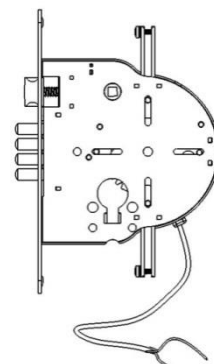
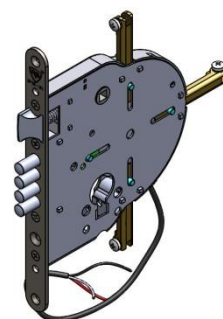
Operated by RB Cylinder with gear.

Latch is reversible for L.H and R.H Doors.

110VAC , 220 VAC; 12 VDC; 5A max

Materials: Case, mechanism and bolts - Steel.

Finish: Side strip and bolts – Nickel Chrome



Fast Opening Multi-Point Lock

Specifically designed for RB Steel Doors to provide Multi point locking.

Specifications

Operation:

Unlocks and unlatch the lock from the interior side by operating the handle only.

Suitable for use with thumbturn or RB emergency cylinders with gear (10 teeth).

Performs geometrically lock.

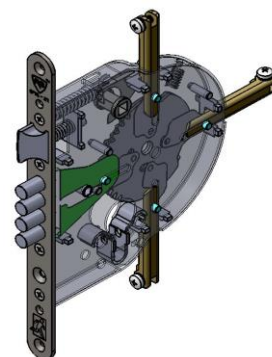
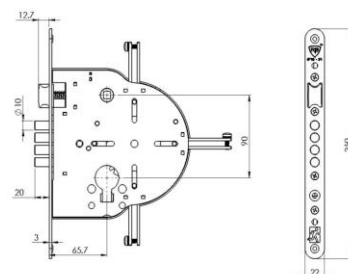
Latch is reversible for L.H and R.H Doors

Materials:

Case, mechanism and bolts - Steel.

Finish:

Side strip and bolts – Nickel Chrome.



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Safe Locks

Security lever lock for wood and steel doors.

Specifications

Backset: 60 mm

Triple round deadbolts: 16 mm diameter

Protective Keyway plate

Operation: Double key turn for bolt action, Left- or right-hand applications

Bolt throw: 1 key turn: 18 mm. 2 key turns: 36 mm

Key options: 3 double bit keys. 5 double bit keys

Front plate plating options: Chrome nickel, satin nickel, shiny brass

Materials: Case: galvanized steel, Mechanism: steel, Bolts: chrome nickel plated steel, Front plate: chrome nickel plated steel Keys: chrome nickel plated brass



Central Lock

Multi point locking system suitable for rear vehicles doors for higher security level end wood and steel doors.

Specifications

Operation:

Performs geometrically lock.

Equipped with RB Cylinder.

Optional decorative cover.

Available for Left and Right doors (each side is a different lock).

Operated by RB 10 teeth gear.

Materials: Case, mechanism and bolts - Steel.

Finish: Decorative cover: Black, White.



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Master System

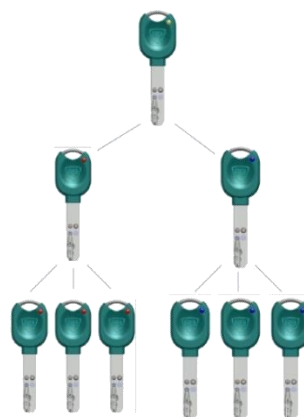
Master Design is an original and advanced software developed by RB for building master key systems.

Master design key system software is web based, and easy to use by authorized users.

Master Design can generate two different system types:

- Hierarchical systems are used in organizations with several levels of access permission; higher level is authorized to open lower level entrances.
- Matrix type system is suitable for any application in which a list of users, a list of doors and an access scheme can be defined.

	Cylinders																						
	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	Key holder
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1																							K1
2																							K2
3																							K3
4																							K4
5																							K5
6																							K6
7																							K7
8																							K8
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11																							K11
12																							K12
13																							K13
14																							K14
15																							K15





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RB KEY BLANKS



PANTONE®
5405 C



PANTONE®
Cool Gray 8



PANTONE®
7506 C



PANTONE®
5285 C



PANTONE®
3145 C



PANTONE®
436 C



PANTONE®
399 C



PANTONE®
680 C



PANTONE®
5767 C



PANTONE®
185 C



PANTONE®
2726 C



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