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CATALOGO ed. 10-2017 MKCATMAGEO

MUCH MORE THAN LOCKS

ENG

onaiti

our news



STRONG MAGNETIC EFFECT

- ✓ NEW HANDLE HUB
 ✓ COMPLIES WITH UNI EN 12209:05 NORM
- THE MAGNETIC LOCK DOESN'T REQUIRE REVERSIBILITY
- ↓ LATCH ON AXIS WITH HANDLE
- HIGH RESISTANT FRONT PLATE
- RELIABILITY
- ALSO AVAILABLE IN FIRE RESISTING VERSION REI 30
- ✓ INNOVATIVE LOCK CASE DESIGN



- STRONG MAGNETIC EFFECT
- ✓ NEW HANDLE HUB
- COMPLIES WITH UNI EN 12209:05 NORM
- THE MAGNETIC LOCK DOESN'T REQUIRE REVERSIBILITY
- FRONT PLATE: 3 MODELS
- HIGH RESISTANT FRONT PLATE
- RELIABILITY: STAINLESS STEEL
- ▲ AVAILABLE IN FIRE RESISTING VERSION REI 30
- INNOVATIVE LOCK CASE DESIGN



- RENOVATED STRIKER FOR FRENCH HISTORICAL STANDARD
- ✓ SILENCE AND FLUIDITY DURING OPENING AND CLOSING CYCLE OF THE DOOR
- ✔ DESIGN: THE SIDE OF THE DOOR IS COMPLETELY SMOOTH
- CORROSION RESISTANCE
- BACKSET: 50 mm
- ✓ VERSION: CYLINDER

HISTORY

MATERIALS AND FINISHING

CERTIFICATIONS

MAGNETIC LOCKS PRESENTATION

B NO-HA MINI

B-TWIN

B-FORTY

B-SMART

B-ONE

B-KLASS

B-FIVE

B-LATCH

B-EVO

B-FRANCE

B-ALEX

STRIKING PLATES AND MAGNETIC POCKETS

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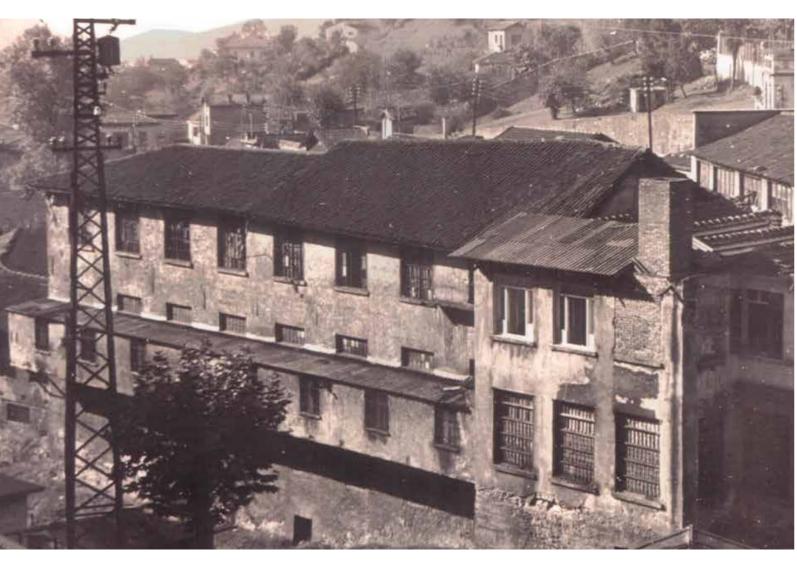
To talk about locks for wooden doors means first stepping back in time as far as 1830 when Giuseppe & F.Ili Bonaiti was founded, to the era when small Lecco area workshops produced the base metal used to create a series of components.

Our workshop gradually increased in size and alongside the fastenings and spring catches we also find bed warmers, chestnut roasting ovens, bed bases and the tubing used for headboards, until **1936** when we began to produce external application door locks.

At the beginning of the war we created a lock model fitted into the front of the door, an absolute novelty in those days, based on the British models patented at that time: hence the term "patent" which went on to become an everyday term to identify this type of lock.

The workshop of once upon a time, which over the years was gradually transformed into a production company with a staff of 500 to meet demand in the 1990s, gave rise to a spin-off business that became Bonaiti Serrature, handling all stages from design and production through to distribution in Italy and throughout the world of locks for internal wooden doors, with the aim of concentrating financial and human resources into the technological development of these products.

At the start of the 21st century production of magnetic locks began, representing the result of all the research and development in recent years.



1936	first lock
1940	first patent lock
1992	locks for sliding doors
2002	"B-one" first magnetic lock —
2011	" B no-ha mini" without handle
2013	hinges
2015	"G500" for sliding doors
2016	handles
2018	to be continued

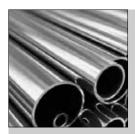
history



materials

MATERIALS

Our products are produced with noble materials, renowned for their functional and aesthetic qualities.



STAINLESS STEEL

endurance, solidity, nobility and finishing make stainless steel an essential material in quality mechanical engineering.

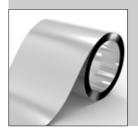


STEEL used for its resistance and tenacity globally renowned characteristics.



BRASS

its color, its heat and the facility of transformation, make it an ideal material for the creation of our products.



ALUMINIUM

excellent for its lightness and for the aesthetic quality of the finishing.



Finishing change depending on material

* Handmade finishing, it can be subject to tones alterations The complete list of finishing is available on our website: www.bonaiti.it/en/our-finishing

finishing



CERTIFICATIONS

The co. with an optics of permanent quality on its products, has obtained a Quality System certification from an international agency, ICIM, that involves all firm's activities, from design to production and to after sales service activities in compliance with norm UNI EN ISO 9001:2008. When the "B-one" model first went into production an international jury awarded it the TOP 100 FRAMES diploma of excellence as example of research and innovation in the door architecture. The "B-one" has also been included in the 2002-2003-2004 ADI DESIGN INDEX yearbooks, as a candidate for the "XX COMPASSO D'ORO AWARD".

Cine CERTIFICATE 1 2000 114401 ICIM BONAITI Serrature S.p.A Louis contractor 20 - 25801 0 ftalia UNI EN ISO 9001 2000

EUROPEAN NORM EN 12209

All our locks are tested in accordance to the norm EN 12209. Such norm defines their use (for private and public installation), the frequency of use from 50.000 to 200.000 cycles, the corrosion, high temperature and fire resistance, the safety against the housebraking and the tampering. Moreover the norm schematises the type and the technical and main features that define the fundamental performances of the lock.

UNI EN 12209:05

3 X 8 0 0 G 2 H A 2 0

example of B-KLASS classification code

CATEGORY	POSITION	SCALE	CLASS	DE
			1	res
Employ category	1°	1 - 3	2	off
			3	pu
			A	50.
			В	10
			C	200
			F	50.
			G	100
Durability and load on	2 °	A - X	н	200
latch			L	100
			M	200
			R	100
			S	200
			W	10
			X	20
			1	do
			2	do
			3	do
			4	do
Door mass and closure	3°	1 - 9	5	do
power			6	do
			7	do
			8	do
			9	do
Suitability for use on fire		• •	0	no
rated doors	4°	0 - 1	1	sui
Security for people	5°	0	0	no
	5	0		<u> </u>
			0 A	no 24
Corrosion and high	6°	0 - G	B C	48
temperature resistance	0	0-G	D	96 24
temperature resistance				48
			E F	96
			G	
Property security and			1	24 ba
drilling resistance	7°	1 - 7		
			7	hig
Application field of the door	8°	A - R	A	to
			R	to
Type of key and closure	9°	0 - H	0	no
drive			H	se
			1	op
Type of handle device drive	10°	1 - 4	2	
Type of hundre device unve		1 7	3	
				ris
			4	
				to
Key identification	11°	0 - H	0	no
			н	lat

certifications

TAILS / EXPLANATION
idential interior doors
ces' interior doors
lic buildings' doors
000 cycles and no load on latch
.000 cycles and no load on latch
.000 cycles and no load on latch
000 cycles and 10N load on latch
.000 cycles and 10N load on latch
.000 cycles and 10N load on latch
.000 cycles and 25N load on latch
0.000 cycles and 25N load on latch
.000 cycles and 50N load on latch
0.000 test cycles and 50N load on latch
.000 test cycles and 120N load on latch
.000 test cycles and 120N load on latch
or mass <= 100 kg; closure power max, 50 N
or mass <= 200 kg; closure power <= 50 N
or mass > 200 kg; closure power <= 50 N
or mass <= 100 kg; closure power <= 25 N
or mass <= 200 kg; closure power <= 25 N
or mass > 200 kg; closure power <= 25 N
or mass <= 100 kg; closure power <= 15 N
or mass <= 200 kg; closure power <= 15 N
or mass > 200 kg; closure power <= 15 N
suitable for fire rated/smoke protection doors
table for fire rated/smoke protection doors
need to provide security to people
corrosion resistance and no temperature requirement
n corrosion resistance, no temperature requirement
n corrosion resistance, no temperature requirement
n corrosion resistance, no temperature requirement
h corrosion resistance, no temperature requirement
n corrosion resistance, temperature from -20° C till
h corrosion resistance, temperature from -20° C till
h corrosion resistance, temperature from -20° C till
ic property security and no drilling resistance
h level property security and drilling resistance
embed without application limits
pply, swing doors, internal opening, internal lock
applicable
urity latch lock without key, automatic block
erating with knob or handle having fixing spring
k operating with handle without fixing spring
k operating with handle without fixing spring for uses exposed to
s
k operating with handle without fixing spring for uses more exposed
isks from the producer
requirement
ch having at least 8 key differs and possibility to have more

A REVOLUTIONARY IDEA

Research began in 2001 on the possible interior door lock applications of magnetic fields induced by fixed magnets has greatly developed in recent years, now offering application options that would be unthinkable with traditional lock systems.

SILENCE AND FLUIDITY

The abolition of internal and external lock kinetics, based around a latch/deadbolt activated by mechanical components, led to a very important first result: silence and fluidity during door opening and closure.

REDUCED DIMENSIONS

The next objective was to considerably scale down lock and related striker sizes, as their mechanical dynamics are not necessary with magnetic fields.

DESIGNER FITTINGS

All of this has allowed work on the product design without the need for ugly visible parts on the front of the lock, making the lock system an integral fitting element in harmony with the door.

INNOVATIVE SOLUTIONS

The magnetic lock system has allowed during time the development of personalized closure models suitable to satisfy a wide range of requirements, until the manufacturing of models capable to function without handle.

ADVANTAGES

- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- greater compatibility with handles





magnetic locks



THE RANGE

Existing models for new doors and for renovated doors:

B no-ha mini	The first magnetic lock without any moving parts during the opening/closing cycle of the door. Ideal combination between revolutionary project and the magnetic power Bonaiti : "no door, no handle".
B-twin	The small swing latch is positioned on the same axis of the handle to optimize its aesthetics. A lock that retains the original features of the concept of magnetism: silence and flexibility. The short striker minimizes the aesthetic impact on the jamb.
B-forty	The first magnetic lock with latch positioned at the center of the front plate permitting the reversibility of the door. A more silent and fluid mechanism which guarantees the successful outcome of the most flexible tests of duration using innovative materials.
B-smart	The magnetic lock with latch and bolt, both positioned at the center of the front plate. A silent and fluid mechanism which combines the modernity of the magnetism with the traditional separated bolt.
B-one	The original magnetic lock for excellence that obtained a large approval from the public thanks to its silent and innovative character of its design.
B-klass	On the occasion of the 15th anniversary of the creation of the first Bonaiti magnetic lock, the B-one, a new range of magnetic locks is created according to the DIN standard. The 4 models proposed - a reduced passage version, only latch version, one or two key-turn version - are a unique choice on the market. Possibility to have different front plate dimensions and backset options. The first magnetic lock with stainless steel front plate. The first magnetic lock tested according to UNI EN 12209.
B-five	The magnetic lock to assemble on narrow steel and aluminum frames: even more contemporary aesthetic, even more comfort. Even professional spaces can benefit of its silent functioning.
B-latch	The American standard closure made by Bonaiti in a magnetic version. Ideal minimalist solution, it's the smallest magnetic lock for doors on the market nowadays. It is available for American handles with 51° rotation and also for European handles having 30° rotation, in both passage, privacy and panic versions.
B-evo	Magnetic and modern version of our "Patent", especially created for renovated doors.
B-france	The magnetic lock for French market, with backset 40 or 50 mm; ideal for renovated doors and for new doors.
B-alex	The first magnetic lock for glass doors having the same silent operation and the same design of the famous "B-one". It is provided with regulation for windows 8/10mm thickness and with dedicated strikers for wood and aluminum structures. Also available for double sash doors.









magnetic locks



B no-ha mini WITHOUT HANDLE

The first magnetic lock without any moving parts during the opening/closing cycle of the door.

Ideal combination between revolutionary project and the magnetic power Bonaiti: "no door, no handle".

ADVANTAGES

- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required



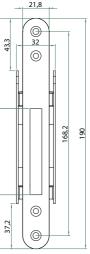
Full range of 'Striking plates and Pockets' on p. 36-39 or directly on our website: www.bonaiti.it/en/products/Magnetic-locks

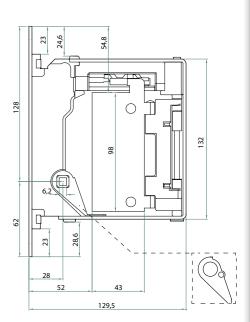


B no-ha mini









Backset privacy: 28 mm	Hub follower privacy: 6 mm
I Versions privacy passage	Front plate height: 190 mm width: 22 mm thickness: 2 mm
Material brass	Interasse
Finishing polished chrome satin chrome matt chrome polished varnished brass polished antique bronze varnished bronze	On demand accessories: -cover -tool -PH1

B-twin

The small swing latch is positioned on the same axis of the handle to optimize its aesthetics. A lock that retains the original features of the concept of magnetism: silence and flexibility. The short striker minimizes the aesthetic impact on the jamb.

ADVANTAGES

- homogeneous design
- flexible operation
- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- completely compatible with the range of Bonaiti handles

Striking	plates	
GR97	GS91	

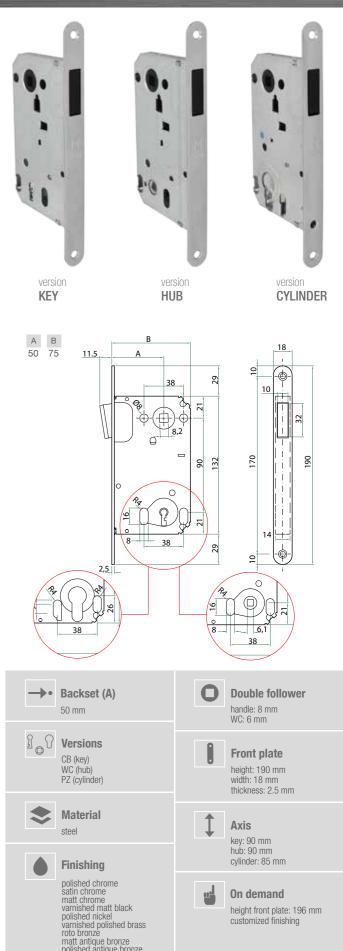
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handle

GIORGIA 169

B-twin



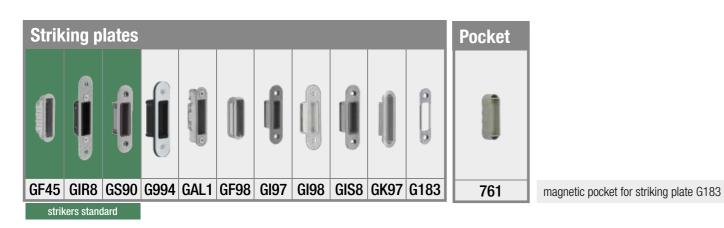
mished bronze

B-forty

The first magnetic lock with latch positioned at the center of the front plate permitting the reversibility of the door. A more silent and fluid mechanism which guarantees the successful outcome of the most flexible tests of duration using innovative materials.

ADVANTAGES

- perfect symmetry
- total reversibility
- no constraint
- compatible with steel and aluminum frames
- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- completely compatible with the range of Bonaiti handles



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finishing polished antique bronze handle CALLIOPE 151

B-forty





version DOUBLE HUB 90

Finishing

matt chr

polished chrom

olished nicke

arnished matt black

shed antique bronze

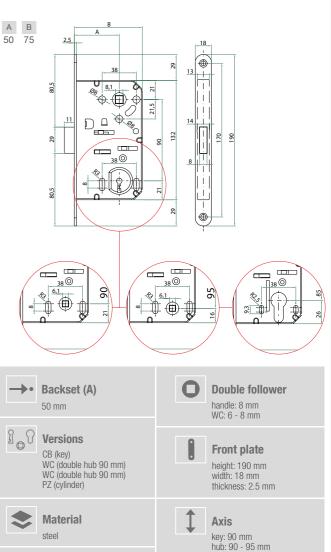
shed bras







CYLINDER



cylinder: 85 mm

On demand

height front plate: 196 mm

width front plate: 22 mm

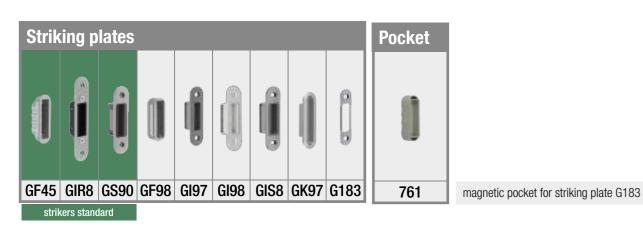
customized finishing

B-smart

The magnetic lock with latch and bolt, both positioned at the center of the front plate. A silent and fluid mechanism which combines the modernity of the magnetism with the traditional separated bolt.

ADVANTAGES

- perfect symmetry
- total reversibility -
- no constraint of installation _
- compatible with steel and aluminum frames _
- silence and fluidity during opening and closing cycle of the door _
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- completely compatible with the range of Bonaiti handles



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B-smart







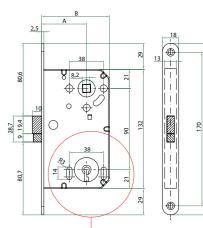


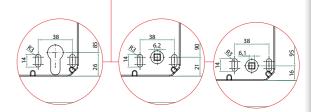
DOUBLE HUB 90

version **DOUBLE HUB 95**

CYLINDER

A 50 В 75





0

Backset (A)

Versions CB (key)

50 mm

WC (double hub 90 mm) WC (double hub 95 mm) PZ (cylinder)



Material steel



Finishing polished chror satin chrome nished matt black arnished polished bras olished antique bronze varnished bronze varnished silver 7048

Double follower handle: 8 mm WC: 6 mm

Front plate

height: 190 mm width: 18 mm thickness: 2.5 mm



key: 90 mm hub: 90 - 95 mm cylinder: 90 mm



On demand

height front plate: 196 mm width front plate: 22 mm customized finishing

B-one

The original magnetic lock for excellence that obtained a large approval from the public thanks to its silent and innovative character of its design.

ADVANTAGES

- french and italian standard
- striker design
- flexible operation
- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- completely compatible with the range of Bonaiti handles

Striking plates											
G991	G992	GH95	GR95								

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B-one





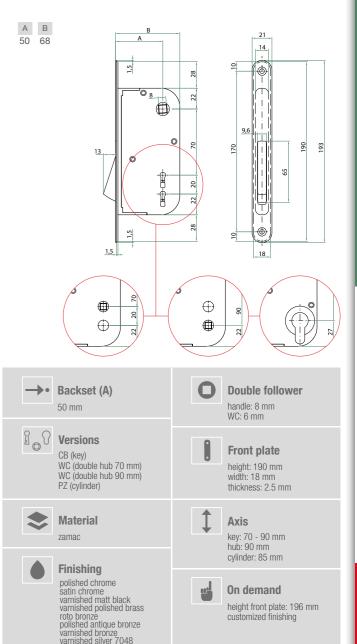
DOUBLE HUB 70



version DOUBLE HUB 90



version
CYLINDER



B-klass

On the occasion of the 15th anniversary of the creation of the first Bonaiti magnetic lock, the B-one, a new range of magnetic locks is created according to the DIN standard. The 4 models proposed - a reduced passage version, only latch version, one or two key-turn version - are a unique choice on the market. Possibility to have different front plate dimensions and backset options. The first magnetic lock with stainless steel front plate. The first magnetic lock tested according to UNI EN 12209.

UNI EN 12209:05 3 X 8 0 0 G 2 H A 2 0 example of B-KLASS classification code

ADVANTAGES

- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- the widest choice of finishing on the market
- front plate width: 18, 20 and 24 mm _
- backset: 50, 55, 60 and 65 mm
- completely compatible with Bonaiti and Hafi handles



Full range of 'Striking plates and Pockets' on p. 36-39 or directly on our website: www.bonaiti.it/en/products/Magnetic-locks







finishin varnished matt black handle HAFI 243 black-green

B-klass







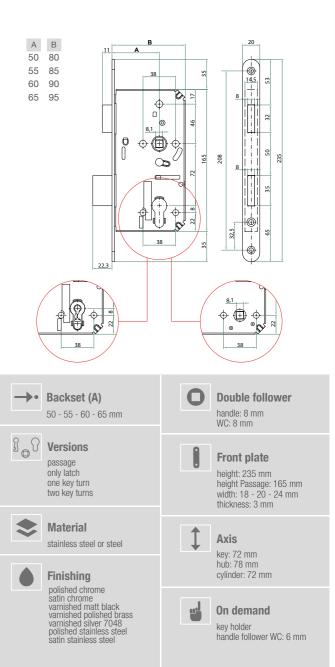


versior TWO KEY TURNS

PASSAGE

versio ONLY LATCH

versior ONE KEY TURN



B-five

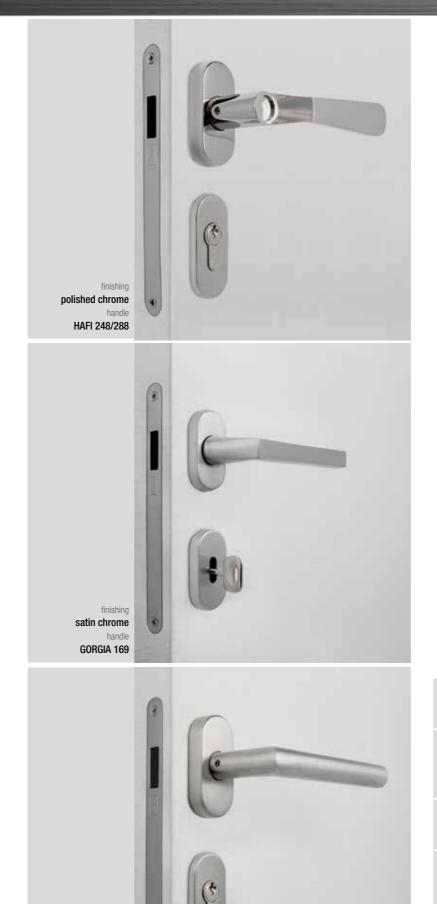
The first, compact magnetic lock created to answer the needs of contemporary architecture. The magnetic lock to assemble on narrow steel and aluminum frames. Even professional spaces can benefit of its silent functioning.

ADVANTAGES

- special range for doors with metal jamb
- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- completely compatible with Bonaiti handles

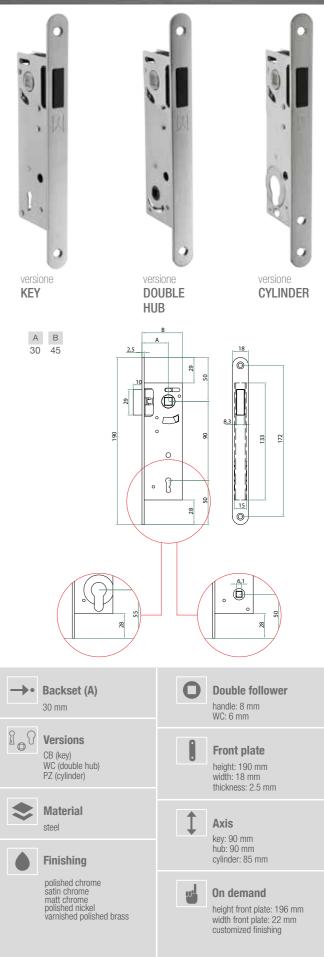
Striking plates											
a transfer											
GAL1	GI97	GI98	GIS8	GK97							

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finishing polished chrome handle HAFI 203/288





B-latch

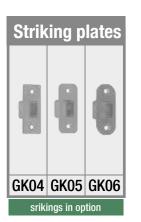
The American standard closure made by Bonaiti in a magnetic version. Ideal minimalist solution, it's the smallest magnetic lock for doors on the market nowadays.

It is available for American handles with 51° rotation and also for European handles having 30° rotation, in both passage, privacy and panic versions.

The product is supplied with magnetic striker with plate in matching finishing and with a black magnetic pocket.

ADVANTAGES

- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required



Full range of 'Striking plates and Pockets' on p. 36-39 or directly on our website: www.bonaiti.it/en/products/Magnetic-locks





finishing varnished matt black handle SABRINA 159 rosette US

B-latch

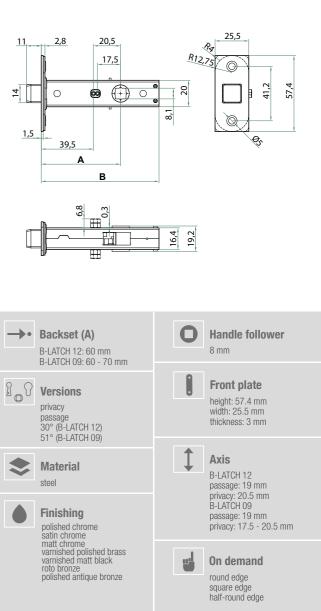




version PRIVACY

> A B 60 89

version PASSAGE

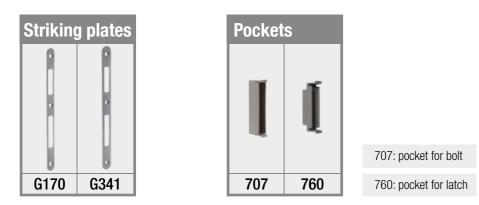


B-evo

Magnetic and modern version of our "Patent", especially created for renovated doors.

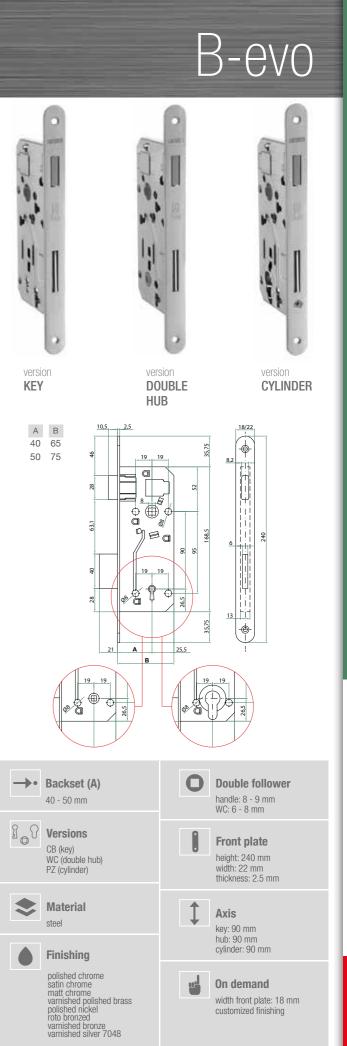
ADVANTAGES

- closure security
- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- completely compatible with Bonaiti handles



Full range of 'Striking plates and Pockets' on p. 36-39 or directly on our website: www.bonaiti.it/en/products/Magnetic-locks





B-france

The magnetic lock for French market, with backset 40 or 50 mm; ideal for renovated doors and for new doors.

ADVANTAGES

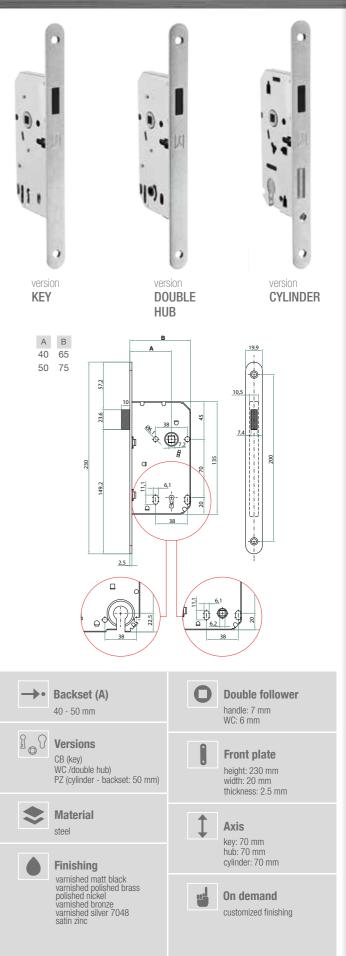
- new version of striker for historical French standard
- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- hub: 7 mm, backset: 40 and 50 mm, axis: 70 mm
- completely compatible with Bonaiti handles

Striking plates												
G164M	G167M	G664M	G667M	GAL1	GK97							

Full range of 'Striking plates and Pockets' on p. 36-39 or directly on our website: www.bonaiti.it/en/products/Magnetic-locks



B-france



B-alex

The first magnetic lock for glass doors having the same silent operation and the same design of the famous "B-one". It is provided with regulation for windows 8/10 mm thickness and with dedicated strikers for wood and aluminum structures. Also available for double sash doors.

ADVANTAGES

- wide range for single and double sash doors
- french and italian standard
- dedicated striker
- silence and fluidity during opening and closing cycle of the door
- design: the side of the door is completely smooth
- corrosion resistance
- safety for children: no risks of crushing
- reliability: only a few moving elements
- no maintenance required
- completely compatible with Bonaiti handles



Hinges

Full range of 'Striking plates and Pockets' on p. 36-39 or directly on our website: www.bonaiti.it/en/products/Magnetic-locks

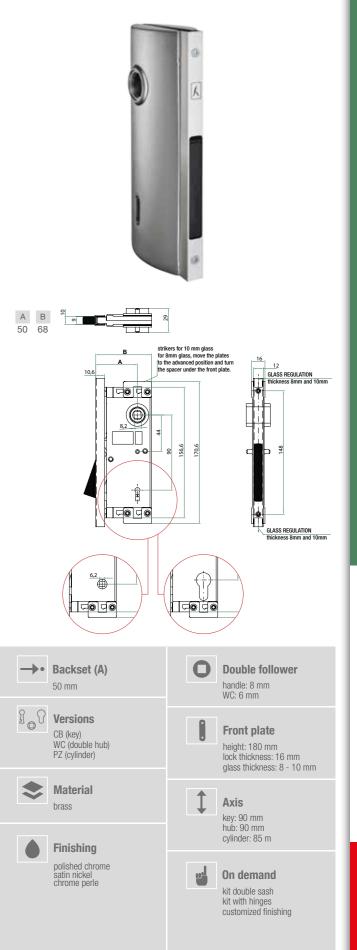


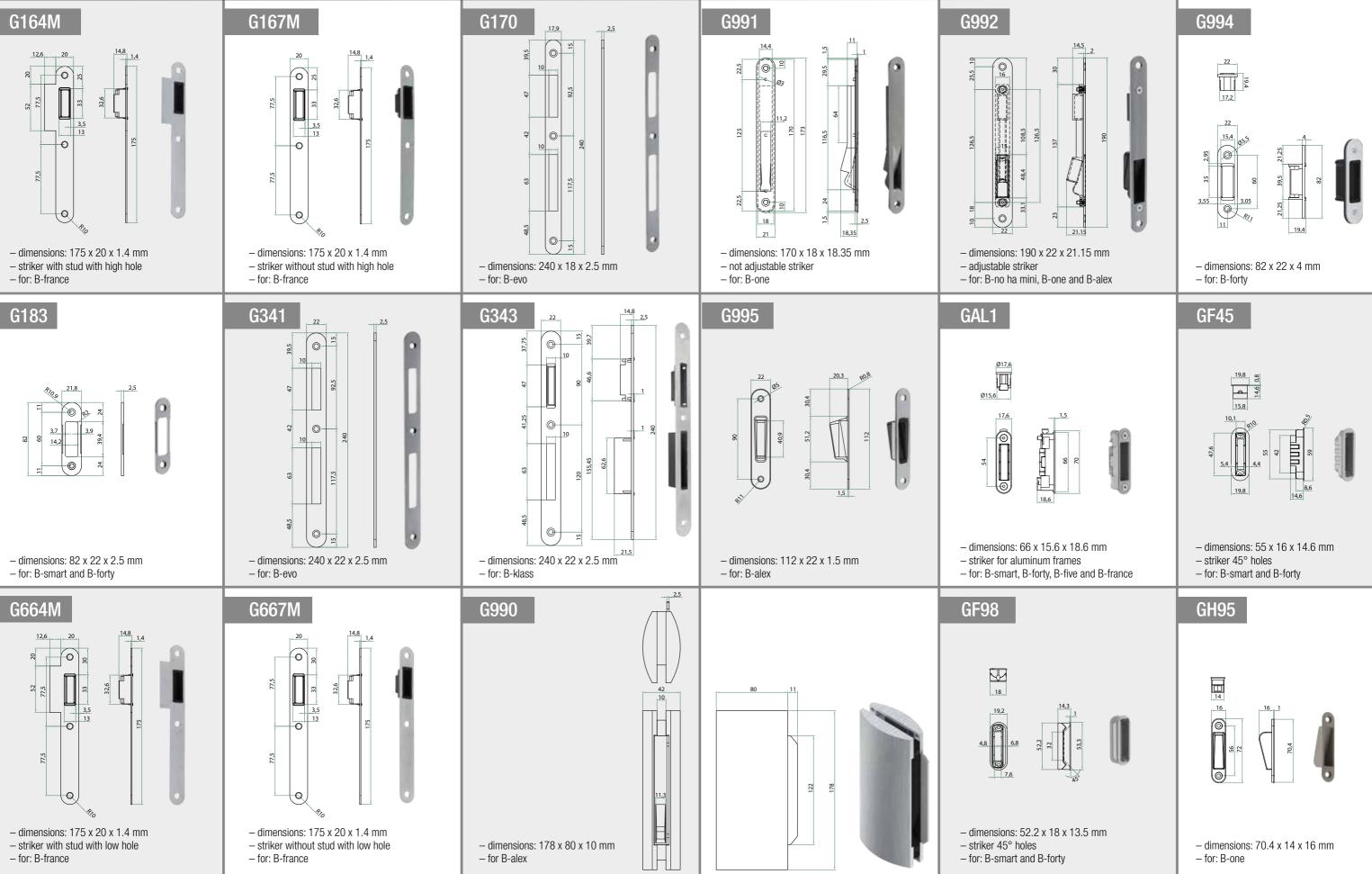


chrome perle

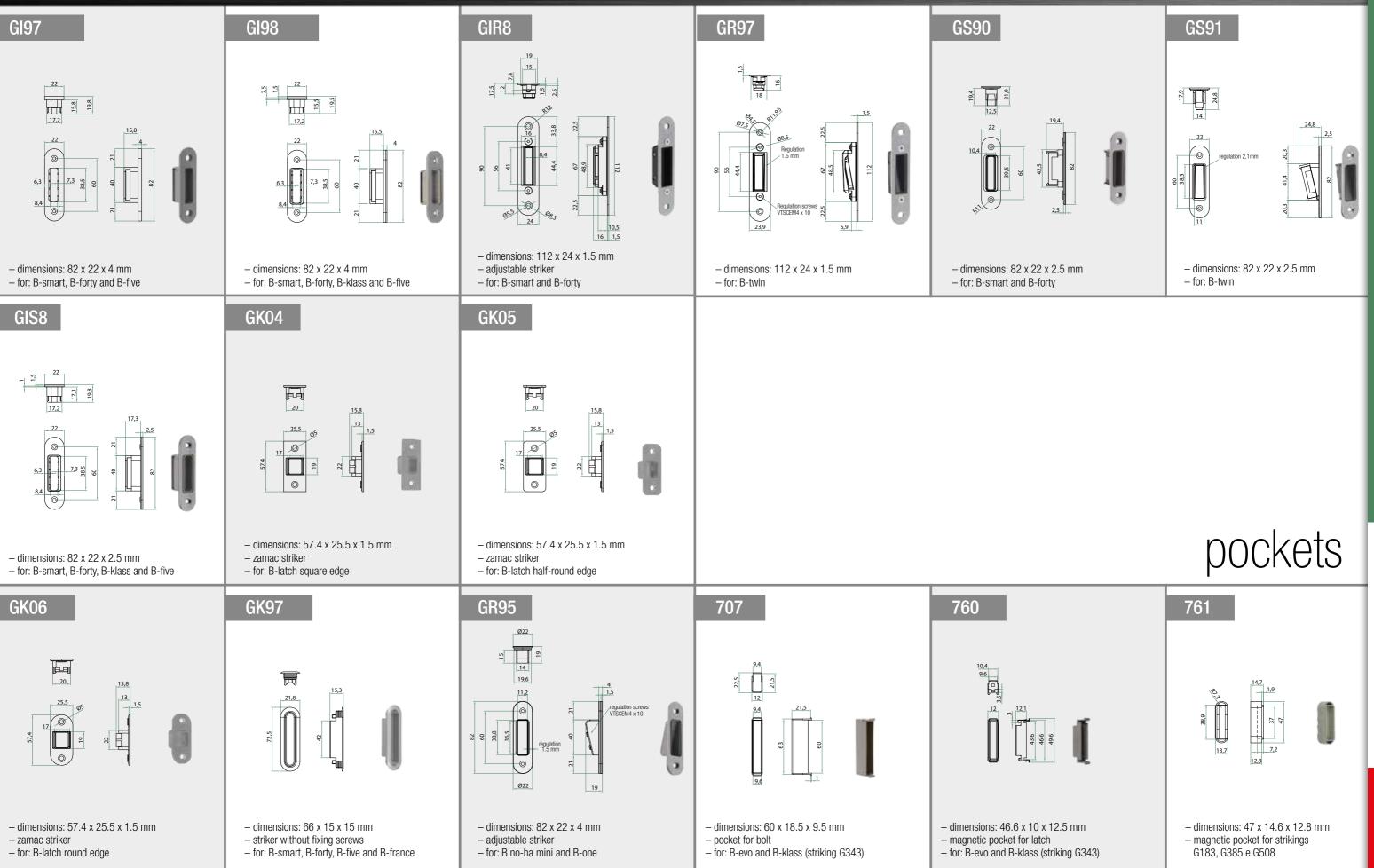
handle RAINBOW 123

B-alex





striking plates



striking plates

	G164M	G167M	G170	G183	G341	G343	G664M	G667M	G990	G991	G992	G994	G995	GAL1	GF45	GF98	GH95	GI97	GI98	GIR8	GIS8	GK04	GK05	GK06	GK97	GR95	GR97	GS90	GS91
B NO-HA mini																													
B-TWIN																													
B-FORTY																													
B-SMART																													
B-ONE											•															•			
B-KLASS																													
B-FIVE																													
B-LATCH																													
B-EVO																													
B-FRANCE																													
B-ALEX																													

striking plates

sales terms

ORDERS

All orders sent to BONAITI SERRATURE Spa directly or by the agents or by sales promoters are subjected to Company definitive approval and acceptance.

PRODUCTS MODIFICATION AND INFORMATION VALIDITY

BONAITI SERRATURE Spa reserves itself the right to make, without any previous notice, any modification that it retains necessary for the products improvement. Therefore the data and the illustrations reported on the price list have to be kept valid except if changes have occurred.

PRICES

The prices listed in such tariff have to be intended for standard BONAITI SERRATURE Spa packaging. For mortice locks for quantity lower than the standard packing will charged a fee of 10%. The prices can be subjected to changes without any previous notice; in such case on the invoice will be applied the prices currently into use at goods delivery time.

TERMS OF DELIVERY

"Postage paid" for a minimum amount of euro 950,00.

TRANSPORT

The goods travel at risk and danger of the Buyer even if sold D.A.P. The delivery will be made by using a forwarder or system we'll retain the most suitable and convenient.

PAYMENTS

The payment must be done at the conditions established and without any amount deduction. On payment delay will be applied a fee calculated with reference to the official discount rate currently in use at time (MIN.8%).

DELIVERY

The delivery time given, even if confirmed, indicates a simple delivery forecast and like that has an indicative value. An eventual delivery delay can't give rise to any revenge

GOODS RETURN

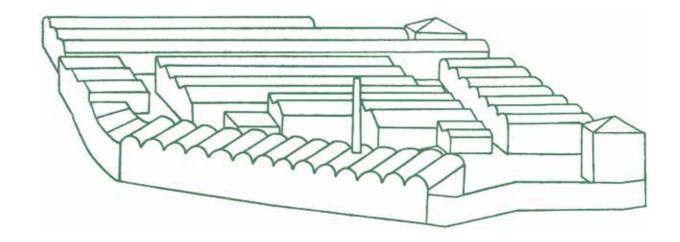
Aren't accepted any goods return if not previously authorized in written by Co. BONAITI SERRATURE Spa. In case of any receiving they will be automatically be sent back to the sender.

CLAIMS

Eventual claims must be addressed to Co. BONAITI SERRATURE Spa within 10 days from goods receiving. Eventual shortage will be recognized if undersigned by the forwarder. For any dispute is competent LECCO court.

WARRANTY

BONAITI SERRATURE Spa guarantees that the product sold is suitable for the use for which it was intended, at condition that the product is installed according to the rules of art and following the instructions, when attached. The warranty duration is of 1 (one) year as from invoice date (art. 1495 of Italian civil code) and is valid provided that respected the time indicated for the claims.



COMPANY BONAITI

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visit

our website: www.bonaiti.it our Youtube channel: BonaitiSerratureSpA our Facebook page: **bonaitiserrature**



