



Section 8 High Security Locks

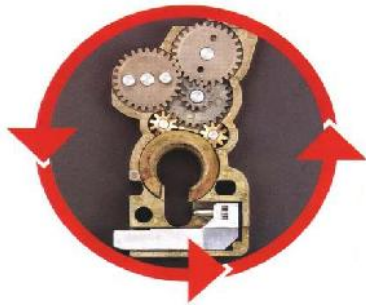


"REVOLUTION":

Smooth movement for armour plated doors

When a leading company like **CISA** turns the full focus of its attention to technology, the results are immediately apparent and there for all to see. Just the slightest of pressures and the Revolution key turns without effort, without difficulty and without a hitch, thanks to a sophisticated gear mechanism known as the Effort Reducer. Ensuring exceptional lightness in dead-bolt locking movements, **"REVOLUTION"** has been specifically designed for armour-plated doors, allowing additional dead-bolts to be connected without effecting the effortless with which the key turns in the lock.

REVOLUTION perfectly combines cutting-edge security with supreme lightness of movement.



"CAMBIO FACILE"

REKEYABLE SECURITY

The patented **"CAMBIO FACILE"** system consists of specific new locks interchangeable with the preceding types and provided with a special key change tool. This system allows you to change the keys without removing the lock or parts of it, but simply by using the keys and the key change tool. **"CAMBIO FACILE"** is a convenient system for the consumer and advantageous for manufacturers of armour-plated doors, since it enables them to offer a better service. Changing is in fact extremely easy, thanks to the simplicity of the steps described in the "How to Change" guide contained in the box. The instructions are provided in the form of illustrations, using a highly simplified language, so as to avoid confusion and make the job as easy as possible.

"CAMBIO FACILE" rewards the efforts we have made not just to develop modern and intelligent solutions but also to satisfy the security requirements of users increasingly alert to the whole concept of quality in an armour-plated door.

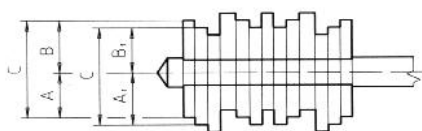
With **"CAMBIO FACILE"** even a whole host of problems that would worry every consumer are solved! If the keys are mislaid (even only temporarily) or if you are beset by a nagging doubt, you can change the keying of your keys without having to replace the whole lock. This is a problem of some magnitude when you consider that changing the lock when you lose a key is a costly and time-consuming business. In any of the situations described above, and even if in case of doubt, we give peace of mind. Changing is easy with **"CAMBIO FACILE"**.

CISA DOUBLE BITTED KEYS WITH "INDEPENDENT BITS"



Look carefully at the bits on our keys: they look identical to the others but, unlike other keys on the market known as **"FIXED CONSTANT"** keys, in **CISA "DOUBLE-BIT"** keys the distance between the ends of the opposing teeth of the two bits is variable for each pair of teeth. This has always been the case. In other words we have **"INDEPENDENT BITS"**, each one different from the next. "So what?" you might well ask. Well, thanks to these characteristics which not all keys have, we can all sleep more peacefully because we ensure millions of possible key-changes, thus reducing enormously in percentage terms the risk of tampering or decoding by expert and indiscreet eyes and hands which have become highly proficient at "reading" and then reproducing a key with some skill. Get the idea?

KEYING OF A CONSTANT BITTED KEY



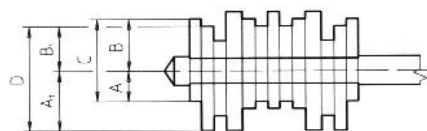
$$A + B = C$$

$$A1 + B1 = C$$

$$C = \text{constant}$$

Number of possible key - changes = 15,625

KEYING OF A CISA INDEPENDENT BIT KEY



$$A + B = C$$

$$A1 + B1 = D$$

$$C \text{ different from } D$$

Number of possible key - changes = 244,140,625



CE



Technical features

- Steel case and cover
- Nickel plated steel faceplate
- Nickel plated steel deadbolts
- Nickel plated steel non handed latch
- Anti-crush plates for screw fixing

Cylinder to be ordered separately



On request

- Cylinder protective rose 06460; 06480;06485

Finish

- Zinc aluminium

ComFortlock

Bolts
Distance
Throws
C x C
Faceplaat
Backset

Code Ref Price

4 26 2 85 35 65 56835 28



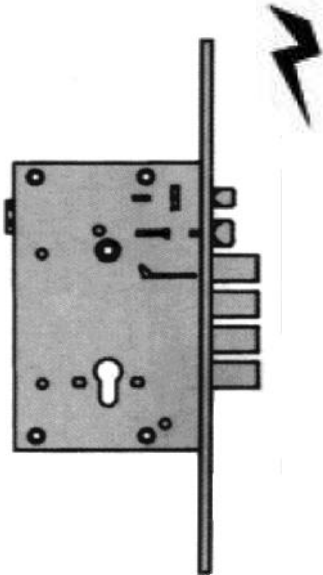
Deadbolt and latch

- Pre-set for additional locking points

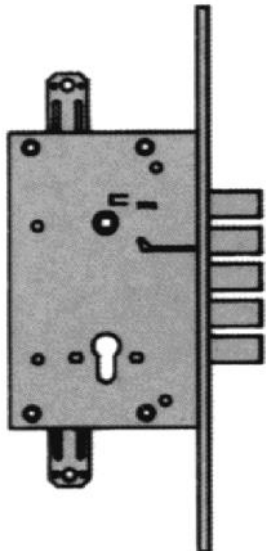
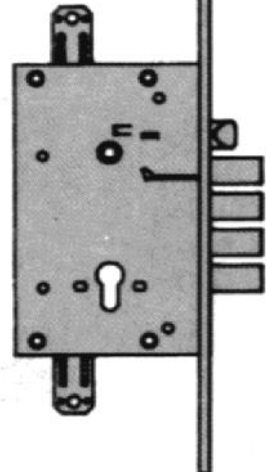
Operation

- **Closing from Inside:**
 - deadbolts operated by rotating handle upwards and/or with key.
- **Operating from inside:**
 - latchbolt with handle or key
 - deadbolts by rotating handle downwards (*function to be selected by user*) and/or key
- **Closing from outside:**
 - deadbolts operated by rotating handle upwards and/or with key.
- **Opening from outside:**
 - latchbolt with handle and/or key
 - deadbolts with key

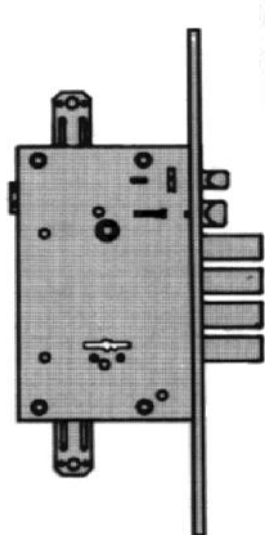
ELECTRIC MORTICE LOCKS FOR ARMOUR PLATED DOORS

	Code	Ref	Price
 <p>Electric version</p> <ul style="list-style-type: none"> • Gear mechanism operated - 12V ac. • Zinc plated case • Deadlocking latch and dead-bolt • Strike plate 06220-20 • Face plate 06221-11 • Supplied without cylinder • Optional transformer 07060 	15530	28	

LOCKS FOR ARMOUR PLATED DOORS

	Code	Ref	Price
 <p>Dead-bolt version</p> <ul style="list-style-type: none"> • Gear mechanism operated • Zinc plated case • 5 Dead-bolts 18mm diameter • Face plate 06221 • Strike plate 06220-00 • Three locking points • Supplied without cylinder • Suitable for rim fitting 	56525	28	
 <p>Latch bolt version</p> <ul style="list-style-type: none"> • Gear mechanism operated • Zinc plated case • 4 Dead-bolts 18mm diameter • Face plate 06221 • Strike plate 06220-00 • Three locking points • Supplied without cylinder • Suitable for rim fitting 	56535	28	

RE-KEYABLE CAMBIO FACILE DOUBLE BIT KEY, 6 LEVER ELECTRIC LOCKS FOR ARMOUR PLATED DOORS

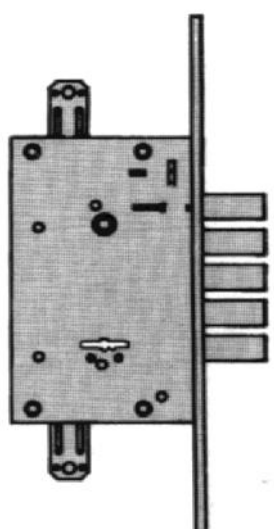


Electric version

- Four throw dead-bolt
- Three locking points
- Inside escutcheon item 06143-00
- Outside escutcheon item 06082-00
- Three keys 00163
- Strike plate 06220-20
- Face plate 06221-10
- Suitable for rim fitting

Code	Ref	Price
17635	28	

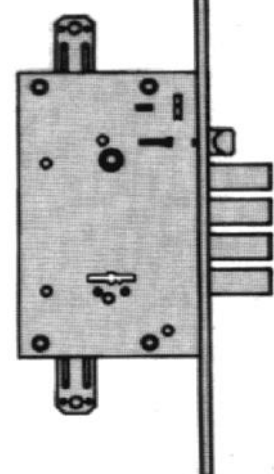
RE-KEYABLE CAMBIO FACILE DOUBLE BIT KEY, 6 LEVER LOCKS FOR ARMOUR PLATED DOORS



Dead-bolt version

- Inside escutcheon item 06143-00
- Outside escutcheon item 06082-00
- Four throw 18mm diameter dead-bolts
- Three locking points
- Face plate 06221
- Strike plate 06220-00
- Suitable for rim fitting

Code	Ref	Price
57625	28	

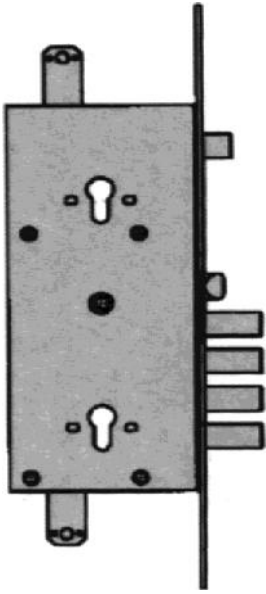
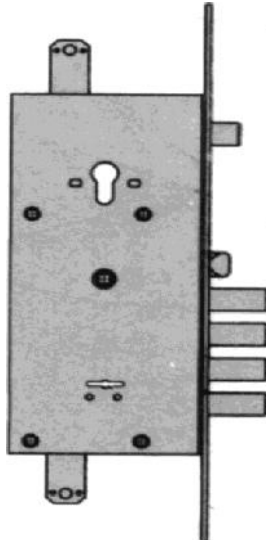


Latch bolt version

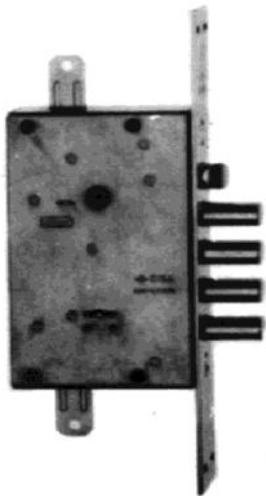
- Inside escutcheon item 06143-00
- Outside escutcheon item 06082-00
- Four throw deadbolt and latch
- Three locking points
- Face plate 06221
- Strike plate 06220-00
- Suitable for rim fitting

Code	Ref	Price
57635	28	

MULTIFUNCTION MORTICE LOCKS FOR ARMOUR PLATED DOORS

	Code	Ref	Price
 <p>Specifications:</p> <ul style="list-style-type: none"> • Upper lock operated by cylinder (double throw) • Lower with gear mechanism operated by ..cylinder (four throw) <p>☞ Version with safety function</p> <ul style="list-style-type: none"> • When locked, the lower lock is blocked by the upper one • Lower dead-bolts, latch and extended bolts operated by...owners key. <p>☞ Version with service key</p> <ul style="list-style-type: none"> • Upper lock: latch and upper dead-bolt operated...by service key. • Lower lock; lower dead-bolts, latch and extended bolts.... operated by owner's key. 	56785	28	
 <p>Specifications:</p> <ul style="list-style-type: none"> • Upper lock operated by cylinder (double throw) • Double bit key 6 lever lower lock : "CAMBIO FACILE" • Three keys 00162 <p>☞ Version with service key</p> <ul style="list-style-type: none"> • Upper lock : Latch and upper dead-bolt operated by service key • Lower lock: Lower dead-bolts, latch and extended bolts operated...by owners key. 	56786	28	
	57936	28	

DOUBLE BIT KEY, 6 LEVER RIM LOCKS FOR ARMOUR PLATED DOORS

	Code	Ref	Price
 <p>☞ Latch bolt version</p> <ul style="list-style-type: none"> • Four throw 18mm diameter dead-bolt and latch • Three locking points • Inside escutcheon item 06143-00 • Outside escutcheon item 06082-00 • Three keys 00122 • Suitable for mortice fitting • Strike plate 06220-00 	57535	48	

CISA e-VOLUTION

MAIN FEATURES

EASY TO INSTALL

- CISA E-VOLUTION can be interchanged with any other of the CISA locks for armoured doors, without modifying the door structure.

VERSATILITY

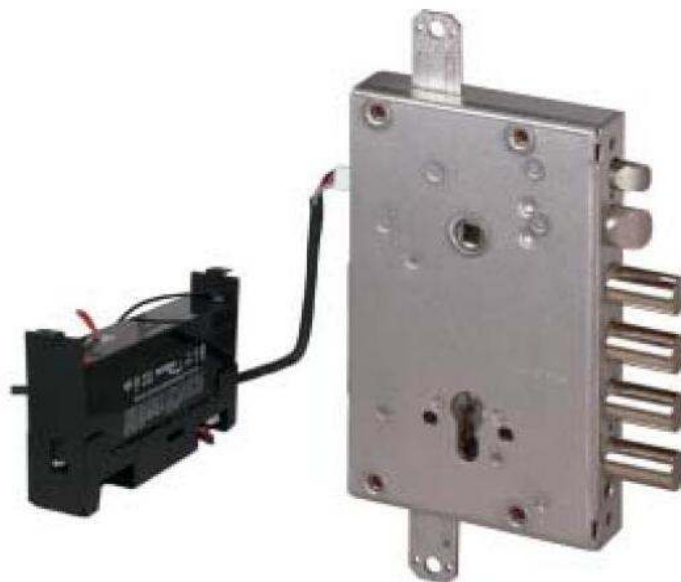
- CISA E-VOLUTION can be integrated in any domotic or alarm system, be it existing or to be installed.
- The CISA E-VOLUTION operation mode selection is very versatile. The basic CISA E-VOLUTION command can be combined, even after the lock is installed, with one of the following devices: transponder, smart card, alphanumeric keypad, biometric recognition system.

OPERATION

- Powered latch-bolt and dead-bolt for automatic operation.
- Automatic closing of the door.
- Opening timer set at 15".
- Hold open device.
- Emergency opening by key.

CONFORMITY TO EUROPEAN STANDARDS

- CISA E-VOLUTION has been especially designed and tested to meet the hardest requirements provided for in the draft European Standard pr EN 12209:99.
- The product conforms to European Standards EEC 89/336, EEC 92/31 and EEC 93/68 on electromagnetic compatibility, in compliance with EN50081-1 and EN50082-1.



Technical features

- Steel case and cover.
- Nickel-plated steel faceplate (mortice locks).
- Nickel-plated steel dead-bolts.
- Non-handed nickel-plated anti-picking latch-bolt.
- Anti-crush plates for screw fixing.
- Steel connecting devices.

Electrical data

- Absorbed current 3.5 A.
- rated voltage 12 V ac.
- 12 V battery – 2.3 AH.

Operation with standard configuration

- From inside: by key (turned by 30°) or push button.
- From outside: by key (turned by 30°).

Finishes

- Aluzinc.

Hand

0 = Non-handed

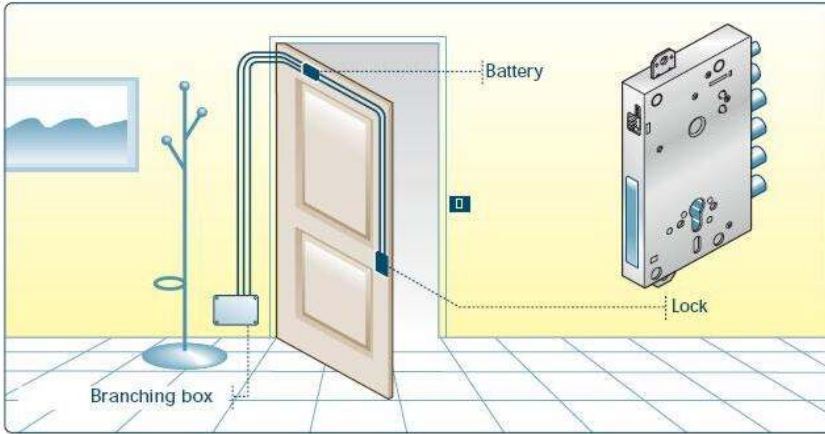
Supplied with

- Lead battery 12 V – 2.3 AH.
- Connecting cables.

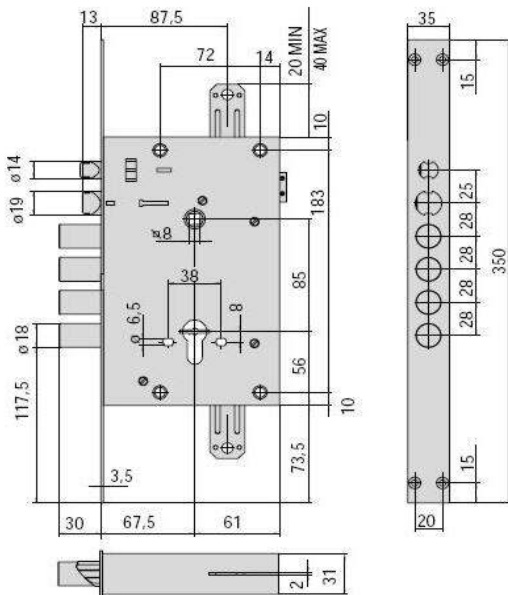
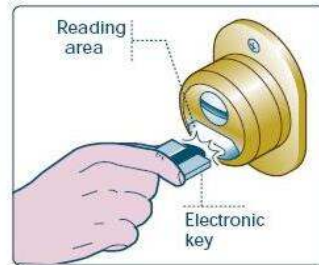
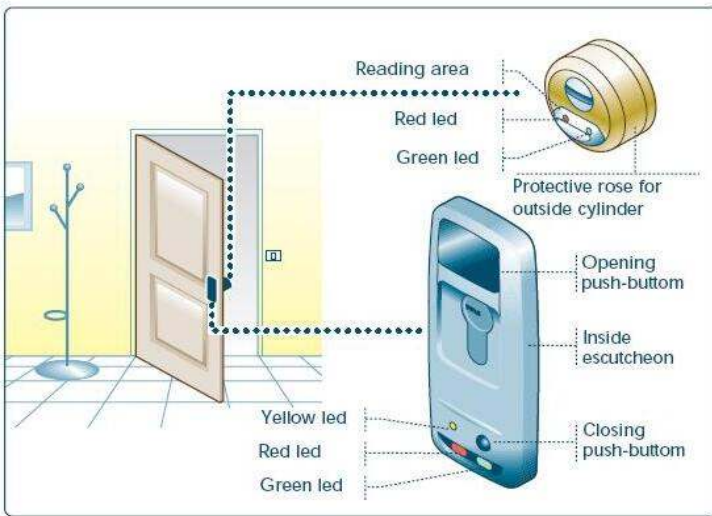
On request

- Europrofile cylinder.
- Cylinder protective rose item 06460, 06470, 06475, 06476 (for basic lock).
- Opening kit with electronic key (transponder), series 06425
- Transformer 40VA – 12 V ac item 1.07060.01.0.
- Cable guard series 06515.

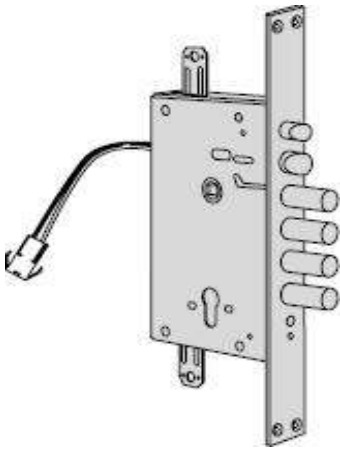
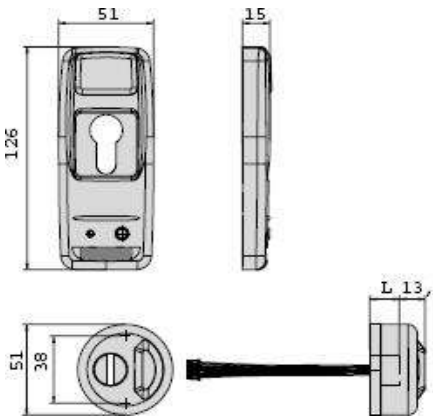
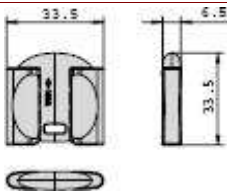
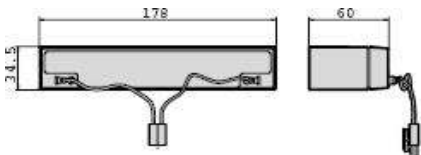
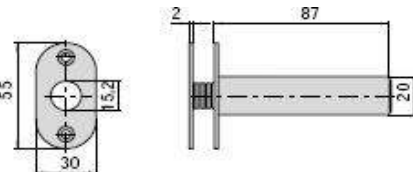
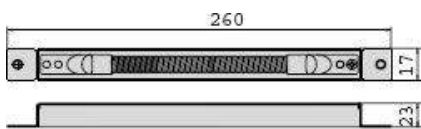
INSTALLATION DIAGRAMS



OPERATION BY ELECTRONIC KEY (TRANSPONDER) OR PUSH-BUTTON



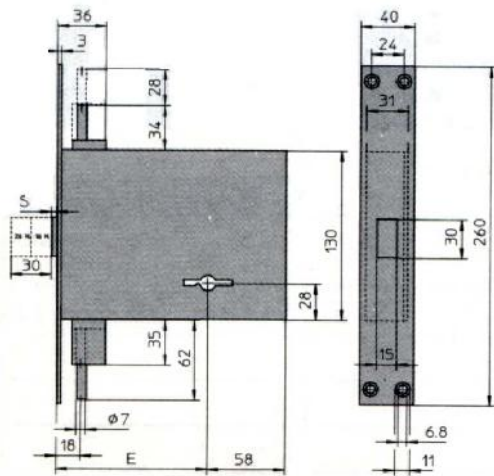
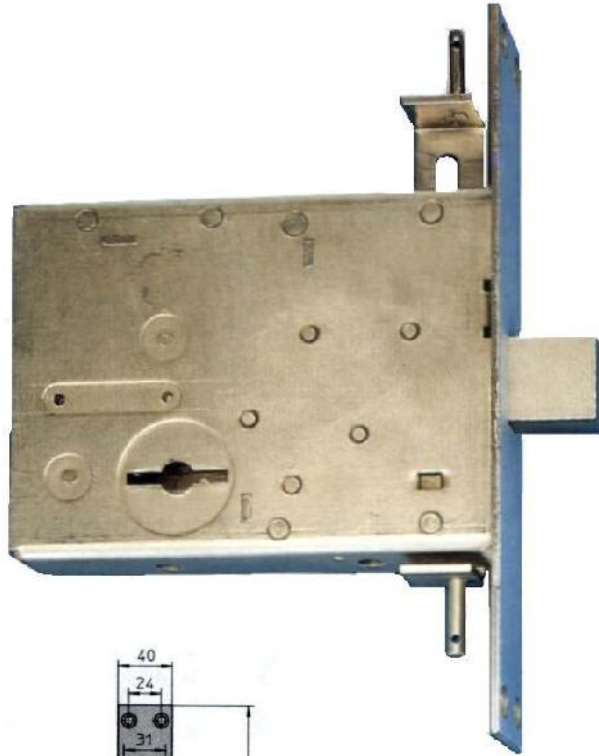
POWERED CISA E-VOLUTION ELECTRONIC LOCKS

	L	Code	Ref	Price
 <p>MORTICE VERSION</p> <ul style="list-style-type: none"> ☞ Latch and Dead-bolt • 4 Dead Bolts • Backset 64mm • Strike 06220-20 		E6535	25	
 <p>TRANSPONDER KIT</p> <ul style="list-style-type: none"> ☞ Protective Rose with Electronic Key reader ☞ Inside escutcheon with control pushbutton • 3 Electronic Keys • Brass ring • 2 M4x45mm Screws <p>For Astral,AP3 Cylinder 16</p> <p>For Sp,TSP Cylinder 16</p> <ul style="list-style-type: none"> • Finish: Polished chrome-plated finish (18) Polished brass finish (00) Gun barrel grey finish (46) Anodised brass finish (64) 		06525	00	
 <p>Electronic key (transponder)</p>		06526	00	
 <p>Battery 12V 2.3ah</p>		06740	00	
 <p>Concealed cable guard with spring.</p>		06515	00	
 <p>Concealed cable guard with spring.</p>		06515	15	

JAIL LOCKS

Features

- 2 throw
- 2 point locking (top and side)
- Key hole in both sides of lock for left and right fitting.
- Fitted with 4 screws or rivets.
- Keyed alike upon request.



"GARD" key coded and supplied separately



Code	Size	Price
57106	00	
00131	00	