

# Consultant catalogue





## THE COMPANY

Savio is the European leader and foremost specialist in hardware for aluminium windows and doors. The company's work in this field has always focused as much as possible on research and on quality. Its R&D department employs 51 experts, a lot when considering the size of the company and of the sector itself. By the same token, quality is guaranteed by a system of controls developed in-house to attain maximum selectivity and strictness.



## REVOLUTIONISING THE BEST

Throughout its history of quality, Savio has always managed to capture and fully understand the evolution required by the industry. It has responded with products which have often been revolutionary. They have redefined, for the better, quality and construction standards that were already considered very stringent, thus becoming new benchmark products for the entire sector of controls developed in-house to attain maximum selectivity and strictness.





## OPENING TYPE DEFINITION

The casement with **sliding opening** features movable leaves that move horizontally on ceiling or floor guides. This solution is typically used for sliding windows or doors with large glass surfaces, in order to allow easy opening and closing even in case of heavy leaves. In the “lifting” version, often used for verandas or panoramic windows, during the opening a special mechanism lifts the leaf, which smoothly slides along the tracks with no special effort required.

## FEATURES AND ADVANTAGES

Excellent lighting of the rooms, thanks to the possibility to mount very large glass panes while keeping the opening and closing easy and requiring little effort. Due to its stiffness and sturdiness, in fact, aluminium makes it possible to have 20% larger glass surfaces compared to other materials.

No internal or external encumbrance: the sliding leaves move along their plane, consequently they do not interfere with walls, furniture or interior furnishing items, nor with any elements present on the terrace or veranda.

Excellent ventilation, completely adjustable by suitably opening the movable leaf.

Simple opening and closing: even with large-size leaves, manoeuvring a lift-and-slide casement is easy and effortless.

Easy cleaning of the internal side as well as of the external side, provided the latter can be easily reached from an adjacent area, such as a terrace or a courtyard.

Perfectly compatible with the installation of rolling shutters, shutters, insect screens or burglar-proof external grilles.







## THE NEW SYSTEM OF ACCESSORIES FOR LARGE LIFT AND SLIDE DOORS

### **More light, more air, more security**

Lifting and sliding doors that open onto gardens and terraces improve the quality of life; they offer more light, more freedom of movement.

### **Increased durability and sturdiness**

Slideart LS is extremely sturdy because its main components are in stainless steel. It is tested at 300kg and for 25,000 cycles with the possibility of achieving 400kg thanks to the additional roller kit.

### **High corrosion resistance**

The Slideart LS components have been tested for up to 1000 hours in salt spray.

### **No architectonic restrictions**

With SLIDEART LS stepping outside is made easy by the reduced threshold, perfect for the disabled and in compliance with DIN 18025.

Beauty is always within reach, without any obstacles or architectonic restrictions.

### **Highly fluid movement**

The leaves can be operated with ease and comfort thanks to the perfect design and realisation of the sliding components and the sturdy handle with a modern and elegant design.

## FIELD OF APPLICATION:

Leaf width	Depending on profile system, max. 3000 mm; max. 3400 mm with addition of code 2451/400
Leaf height	Depending on profile system, max. 3100 mm + extension of 625 mm, reaching 3725 mm
Weight of leaf	Max. 300 kg; max. 400 kg with the additional roller kit. Both certified
Handle	37.5 mm for an easy rotation
Height of door handle	From the surface of the leaf on which the rollers are rested 953 mm

Adaptation kits for the main series of profiles are available.





## OPENING TYPE DEFINITION

The casement with **sliding opening** features movable leaves that move horizontally on ceiling and floor guides. This solution is typically used for sliding windows or doors with large glass surfaces, in order to allow easy opening and closing even in case of heavy leaves. The leaf offers both the sliding opening and the tilt-and-turn opening.

## FEATURES AND ADVANTAGES

Excellent lighting of the rooms, thanks to the possibility to mount very large glass while keeping the opening and closing easy and requiring minimum effort. Due to its stiffness and sturdiness, in fact, aluminium makes it possible to have 20% larger glass surfaces compared to other materials.

Adjustable ventilation, through the suitable positioning of the sliding leaves, which can be moved independently one from the other in both directions, leaving one or more openings. The tilt-and-mechanism also allows constant air exchanges, by taking advantage of the natural draught in the upper part of the room.

Simple opening and closing: even with large-size leaves, manoeuvring a tilt-and-slide casement is easy and effortless.

Easy cleaning of the internal side as well as of the external side, provided the latter can be easily reached from an adjacent area, such as a terrace or a courtyard or even through the openable side sash.

Perfectly compatible with the installation of rolling shutters, shutters, insect screens or burglar-proof external grilles.





## THE FIRST TILT-AND-SLIDING PARALLEL MECHANISM SPECIFIC FOR ALUMINIUM FRAMES

### Great looks and design

Maximum freedom in terms of finishes thanks to the caps and covers in aluminium that can be powder painted in the desired colour. The special design harmonizes the shapes of all components, conceals the fixing accessories and eliminates machining on the profiles of guides and covers.

### Corrosion resistance

The use of valuable materials, such as stainless steel, extruded aluminium and special polymers enhances corrosion-resistance and durability properties. Tested for up to 1000 hours in salt spray.

### Excellent performances.

Slideart TS offers top performances:

- 150 kg weight capacity (with additional kit)
- field of application extended up to 1700 mm in width and 2700 mm in height. It's possible to make openable even the secondary leaf.

## OPTIMAL SLIDING AND MAXIMUM DESIGN FREEDOM

Thanks to the rollers that slide on the bottom guide in anodized extruded aluminium, to the materials used and to the special shape of the upper sliding guides.

The new structure of the bottom rollers makes it possible to apply SlideArt TS even to highly tubular profiles and to overcome obstacles such as handles or hinges on the secondary leaf.

Main characteristics:

- rebate height 7 + 12 mm
- roller reach 133 mm
- suited to all profiles with frame of more than 44 mm high.





## MULTI-POINT OUTWARD OPENING AND CLOSING MECHANISM IN A SINGLE MOVEMENT

Safety thanks to the limited opening and to the fact that the arms can be released by authorised personnel only in compliance with ADA tests.

Applicable on both top hung windows and on leaf opening.

Available for Euro-groove sash profiles.

Sash operable also with fixed insect screen on the inside of the frame.

Can be used in conjunction with both hinges or with frictioning arms.

Simple and easy installation.





## LEVER HANDLE

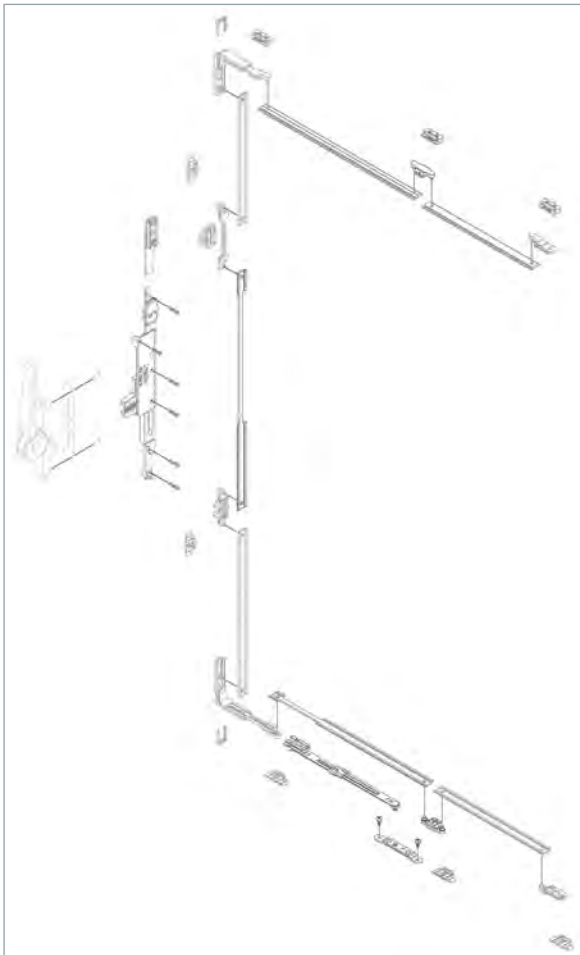
Allows you to open or close the leaf by controlling all accessories with a single movement.

Non-handed.

Practical and ergonomic handle, minimum effort to operate.

Ample 63 mm travel.

Adhesive gasket that, in case of water seepage from the outside in top hung windows, prevents water from seeping into the room.



## SLIDING BLOCK KIT

Can also be adapted to very narrow profiles.

RH or LH mechanism.

4" opening (100 mm).

Can be combined with frictioning arms or hinges.

Possibility to realize a multi-point closing along the perimeter.





## FULL RANGE OF ACCESSORIES AND OPENING SYSTEMS FOR CURTAIN WALLS

Top hung, side hung and parallel opening arms  
Handles  
Closing mechanisms  
Innovative solutions

### MAIN FEATURES



**Friction stay arms for top hung, side hung and parallel opening**  
Extremely sturdy and featuring optimal geometries, they are also available in the heavy version for top hung opening. They guarantee top level performance, and are tested up to 25,000 cycles according to standard EN 13126-6.



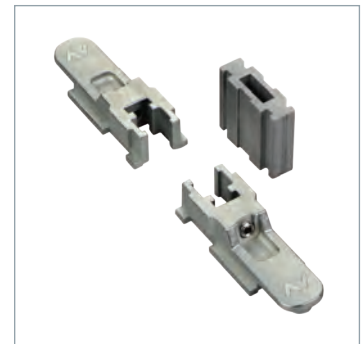


### Handles

Specifically designed for curtain walls, the range of handles is enriched with new models, all equipped with ergonomic grip, linear look and high-resistance steel pinion. Also available in the mono-directional version.

### New universal connection piece

The newly-designed connection pieces, easily adaptable to any size, allow a simple and fast fixing with easy rod machining required. Thanks to this system, the handle can be immediately assembled and subsequently connected with the connection pieces to the rod.



### Double handle joined by a bar

A practical and innovative solution that allows easy parallel opening of the windows with only one hand, operating on two synchronized opposite handles.



## OPENING TYPE DEFINITION

This type of casement combines the traditional inward movement with hinged leaf and the bottom-hung opening (tilt-and-turn), in other words with tilt inside along a horizontal axis. A double opening possibility that makes the tilt-and-turn a quite functional and versatile casement. In fact, it has the decided advantages of simple use of the hinge leaf, combined with the convenience of a tilt opening capable of ensuring constant ventilation even in case of wind or rain.

## FEATURES AND ADVANTAGES

Excellent ventilation from above: thanks to the tilt-and-turn mechanism, you can keep the leaf open even in case of adverse weather conditions or when no one is home, maintaining an excellent level of security and avoiding draughts.

Complete and revolving view: in windows, the sill always stays completely free and fully accessible when the leaves are open.

Excellent visibility of the external environment, especially in case of the single leaf solution, which has no central jamb.

Simple opening and closing: manoeuvring a hinged-leaf casement requires no particular effort.

Very convenient cleaning and maintenance: in the solution with inward opening, it is very easy to clean the casement and carry out maintenance on it.

Perfectly compatible with the installation of rolling shutters, shutters, insect screens or burglar-proof external grilles.

Suitable for sash up to 1.7 m large and 2.8 m high.

Weight capacity: leaf max weight from 100 to 170 kg.







## RIBANTA 5 FOR EURO GROOVES AND NC INTERNATIONAL PROFILES

All accessories are frontally applied.

Connection rods are modular and provided already pre-cut to standard sizes.

All parts are pre-assembled and self-positioning.

11 international patents.

With adjustable night ventilation.

No link groove machining, no measuring, no calculating, no cutting and no drilling: RIBANTA 5 is so easy that can be fitted in one third of the time and without mistakes.

## FIELD OF APPLICATION

**Certified in compliance with the tests according to standard EN 13126-8:2006:** after the durability test cycle equal to 15,000 cycles of opening/closing operations (tilt position) and 5,000 cycles of opening/closing operations (turn position), for a total of 60,000 movements, the window is subjected to tests to verify the endurance and safety of the accessory.





## OPENING TYPE DEFINITION

The pivot casement moves by rotating around a horizontal or vertical axis usually secured half-way through the length of the leaf. This type of casement is used exclusively for windows. Allows large glass surfaces to be installed with no need for intermediate jambs and even is easy to operate when the sash is not vertically placed.

## FEATURES AND ADVANTAGES

Ventilation is efficient and easy to adjust, even in case of rain or wind: this type of casement facilitates air flows between indoor and outdoor.

Excellent visibility of the external environment with the casement closed, thanks to the possibility to mount large frames with glass panes with no intermediate obstacles.

Easy opening and closing, provided the casement is properly designed, balanced and installed.





**PIVOTY: THE NEW RANGE OF PIVOT HINGES**

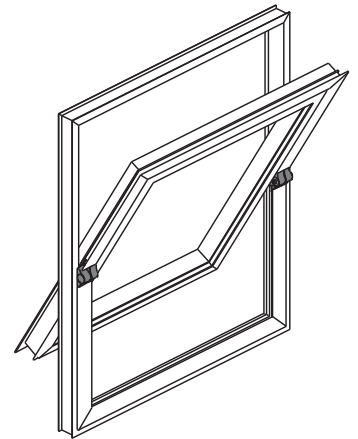
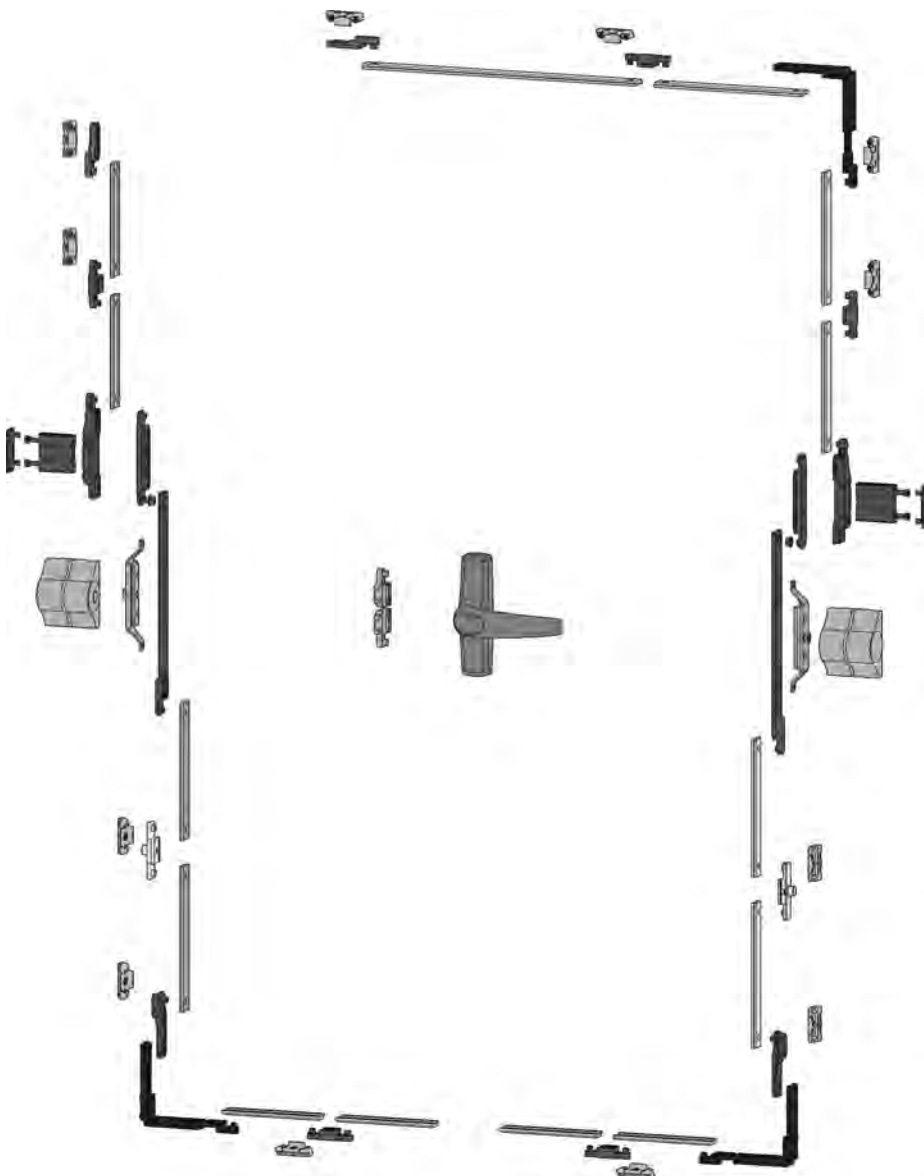
They can be applied to all kinds of pivot windows.

Just a few versions to fit all the main sets of profiles with weight capacities from 80 kg (vertical pivot windows) to 120 kg (horizontal and vertical pivot windows), up to 150 kg by adding the reinforcement kit ((horizontal pivot window only).

Versatility, sturdiness and very easy assembly.

**PERIMETER CLOSING (MULTIPLE LOCKING POINTS)**

Horizontal axis







## OPENING TYPE DEFINITION

In this system, the leaves move laterally in a horizontal fashion on special guides. Sliding systems are particularly suited for windows and French doors with large glass surface, consequently with lots of light coming through, especially looking onto outdoor environments such as terraces and gardens.

## FEATURES AND ADVANTAGES

Ventilation is efficient and easy to adjust, even in case of rain or wind: this type of casement facilitates air flows between indoor and outdoor.

No internal or external encumbrance: the opening occurs along the horizontal plane, so it does not require any manoeuvring room, either internally or externally.

Excellent visibility of the external environment with the casement closed, thanks to the possibility to mount large frames with glass panes with no intermediate obstacles. Due to its stiffness and sturdiness, in fact, aluminium makes it possible to have 20% larger glass surfaces compared to other materials.

Easy opening and closing, provided the casement is properly designed, balanced and installed.







## LATODUE, MODULODUE, OMNIA

A wide and complete range of double or snap-release lateral closing, in both manual and automatic version, capable of perfectly adapting themselves to any situation and ensure a closing that is always easy and solid.

Ease of operation.

Simple assembly procedure.

Safe against burlar attempt.

Great suitability.



## ROLLER RANGE



Rollers are a crucial element of any sliding casements: a smooth and simple manoeuvre depends on them. Savio's roller kits ensure perfect sliding under all conditions and require minimum maintenance.

So fluid to open every sliding window without efforts.

Versions with single or double rollers.

Weight capacity up to 220 kg/leaf.

Tested according to standard EN 13126-15 Class 5 (25,000 cycles).



## OPENING TYPE DEFINITION

Panic bars are a crucial element for the safety of public and private facilities, such as schools, offices, hospitals and hotels. In fact, they allow people to quickly leave the premises in case of emergency through an efficient escape route. At the same time, however, they must guarantee an excellent level of protection from the outside. This is why it is important, when choosing a panic bar, to demand the best performance in connection with the type of facility.

## FEATURES AND ADVANTAGES

European regulations. There is a specific and precise European Community standard that determines the technical performance of panic bars: standard EN 1125:2008. All panic bars put on the market have to meet the requirements set forth in this standard.

CE marking. All panic bars must bear the CE marking of European compliance, which certifies their construction quality based on objective and verified parameters.





## JUVARRA

### Certified reliability

The Juvarra panic bar is **tested for 2,000,000 opening/closing cycles** with doors weighing 300 kg, according to standard EN 1125:2008

### Instant opening

Thanks to the flat translating latch, the opening with double leaf is extremely smooth, with no jamming.

### Burglar-proof security

The special closing guarantees a high level of protection against breaking-and-entering attempts.

## BRUNELLESCHI

### Certified reliability.

The Brunelleschi panic bar is **tested for 2,000,000 opening/closing cycles** with doors weighing 300 kg, according to standard EN 1125:2008.

### Ergonomic design

The special geometry of the handle makes it extremely easy to grab when opening or closing the door.

### Reduced overall dimensions

The small dimensions of the handle make Brunelleschi an ideal accessory for all applications.

### Instant opening

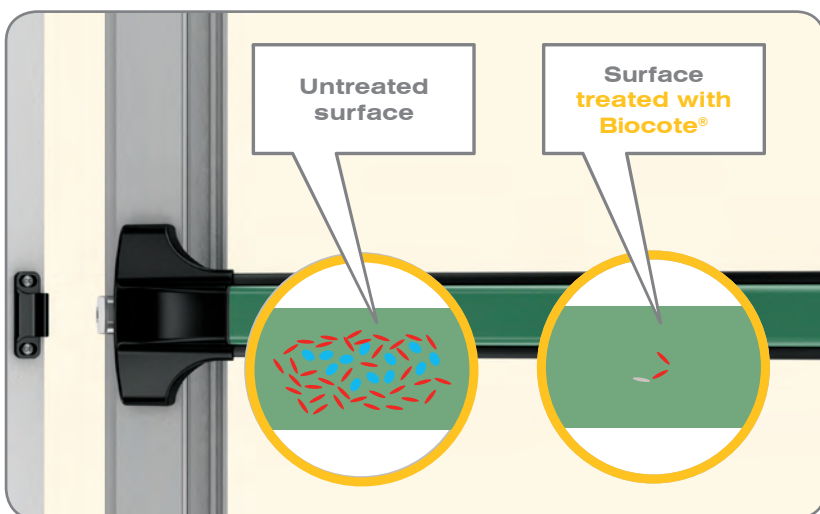
Thanks to the flat translating latch, the opening with double leaf is extremely smooth, with no jamming.

### Burglar-proof security

The special closing guarantees a high level of protection against breaking-and-entering attempts.



## ANTIBACTERIAL SAFETY



### Total active hygiene

Thanks to the special patented anti-microbial paint called BioCote, the panic bar surface ensures the elimination of 99.9% of bacterial potentially harmful to human health.

The safety of Savio's Juvarra and Brunelleschi also extends to hygiene, thanks to the antibacterial treatment that uses extremely high-quality paints, crucial in public places such as schools, hospitals and offices.

**The additives made by BioCote® are listed in the European Directive on biocide products and have been tested according to ISO standards.**

On the surface of material treated with the BioCote® additives, the silver ions bind with

microbes that come in contact with the surface, damaging them beyond repair, hindering the proper functionality of their cells, making it impossible for them to reproduce and finally causing them to die.

On a product treated with the BioCote® silver ions technology, the level of bacteria has been shown to be reduced by **99,9%**.





## OPENING TYPE DEFINITION

Monobloc pivoting or fixed round windows, adjustable pivot hinges and snap-fit fastener. The counterframe is made in polyurethane, with preassembled wall fasteners for a fast and easy wall coupling.

## FEATURES AND ADVANTAGES

**Glass:** the round window can be made with glasses ranging from 3 to 19 mm thickness.

**Brightness:** maximum glass surface, losing just 3 cm for the edging.

**Dimensions:** the round window is available in 3 measures: 400, 600 or 800 mm diameter.

**Quality:** the round window is made in die-cast aluminium, thus guaranteeing high quality, resistance and lastingness.







## PIVOTING ROUND WINDOW

Aluminium die-cast body.

Adjustable pivot hinges and pressure locking.

Polyurethane counterframe with anchorages.

## FIXED ROUND WINDOW

Aluminium die-cast body.

Adjustable pivot hinges and pressure locking.



## DOOR ROUND WINDOW

Aluminium die-cast body.

Glass: 8/12 mm.

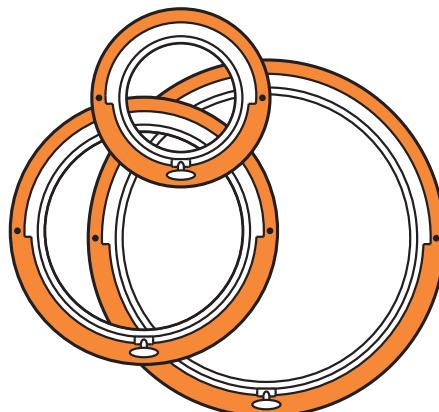
Door thickness: 34/38 mm.

## CERTIFICATIONS

**Air permeability:**  
UNI EN 12207: 3

**Water permeability:**  
UNI EN 12208: 6A

**Wind resistance:**  
UNI EN 12210  
Arrow: C  
Wind pressure: 5





## OPENING TYPE DEFINITION

The lock is the security frame: guarantees sturdiness, resistance, low noise, long life of a closing device for the door. In particular, magnetic locks are especially suitable for interior doors with modern design and essential lines. Strictness in mechanical couplings, no snap in closing and fluidity of movement make this line of locks one of the most important innovations in this sector.

## FEATURES AND ADVANTAGES

### NOISELESS AND FLUIDITY

The abolition of internal and external lock kinetics, offer silence and fluidity during door opening and closure.

### REDUCED DIMENSIONS

Thanks to the fact that mechanical dynamics are not necessary with magnetic fields.

### DESIGN ELEMENTS

Absence of visible parts on the front of the lock to make the lock system an integral fitting element in harmony with the door.

### INNOVATIVE SOLUTIONS

Different closure models to satisfy a wide range of requirements.



## PLUS PRODUCT

Magnetic latch for a precise and silent closure.

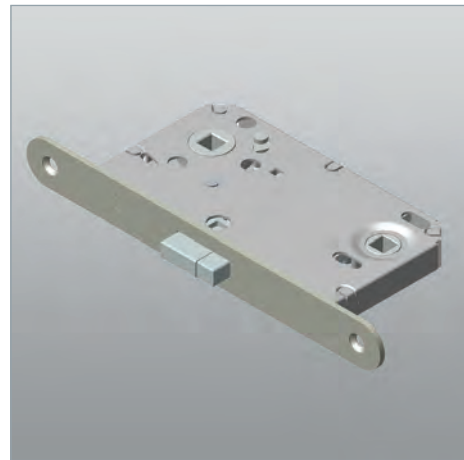
Concealed fastenings.

Suitable to every handle, available with european cylinder or with knob of 6/7 mm square.

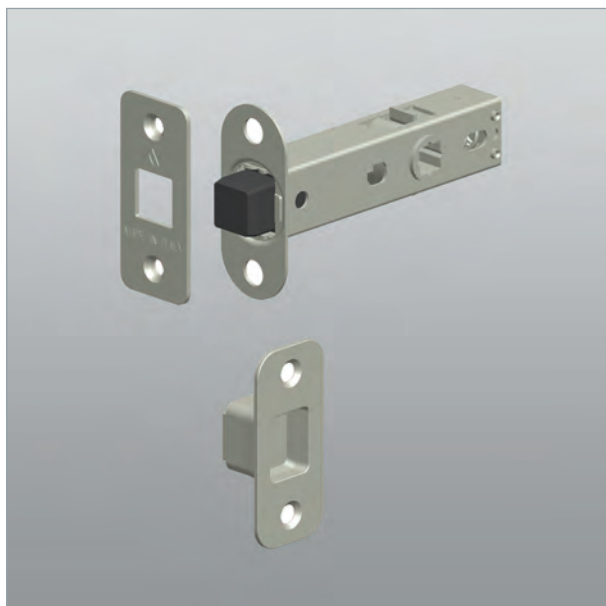
Long endurance thanks to the absence of friction.

Reduced size.

Suitable for timber and aluminium doors.



## MAGNETIC LATCH AUTO'



The magnetic latch expand the range of these new “minimalist” lock systems: high-performance mechanical features such as passage, privacy and emergency.

What's more, the adaptability of the handles, and not only to the door knobs, gives an extremely high added value to this product.



## OPENING TYPE DEFINITION

A window or a door which use a hinge fitted on the leaf and named “hidden”, because inserted between the frame and the same leaf. A solution with an essential design, with cleaned lines and an undeniable elegance to combine the aesthetic taste to the minimal.

Remain unchanged the traditional performance in terms of functionality, both regarding thermal transmittance that of permeability and strength.

## FEATURES AND ADVANTAGES

USEFUL

QUICK

ADJUSTABLE

SAFE

NO NEED TO CUT THE GASKET



FOR WINDOWS AND  
BALCONY DOORS



FOR TILT AND TURN WINDOW  
MECHANISMS



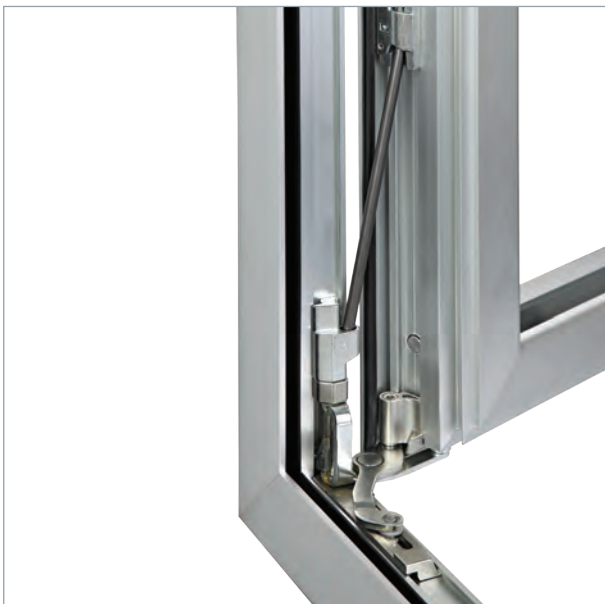
## VOLVO

The hidden hinge for windows and balcony doors with weight capacity until to 80 Kg and opening of 180°



## TILT AND TURN HIDDEN HINGE

The hidden hinge for tilt and turn mechanisms with weight capacity until to 150 Kg.  
For tilt and turn gearing and tilt first gearing.



## WORLDWIDE DISTRIBUTION

Europe, Russia, the United States, South America, most of the Middle Eastern countries. Savio is present with its products in a large portion of the world. Further proof, if any were needed, of its world-class, internationally prestigious design and problem-solving skills. Climactic problems, structural limitations, aesthetic requirements. These are just some of the variables that Savio takes on and manages when chosen to give its contribution to a construction.

Every project is a chapter in a great Italian story, whose main characters are called innovation, solutions and quality.



## CONTACTS

Savio S.p.A.  
Via Torino, 25 (S.S. 25)  
10050 Chiusa di San Michele (TO) - Italy

Telephone Number:  
Phone: +39 011.964.34.64  
Fax: +39 011.964.34.74

E-mail:  
General Information - [savio@savio.it](mailto:savio@savio.it)/[info@savio.it](mailto:info@savio.it)  
Technical Information - [assistenza@savio.it](mailto:assistenza@savio.it)  
Export Department - [export@savio.it](mailto:export@savio.it)



