Innovation paper

Realised with Locinox LOCINOX

TESTIMONIAL

SOLDAN FENCE in Edmonton, Canada, specialises in the design and manufacturing of gates and fences. To ensure a secure and controlled access, Soldan Fence counts on Locinox. Manager Tony Vetro explains why he specifically choose to work with Locinox.

No concessions on quality

"We intensely appreciate the Locinox locks. We use them in many applications, mainly for commercial and industrial purposes. The requirements are very high and the Locinox products perfectly meet our expectations", Tony says.

In Canada temperature differences can be extremely large. Mild summers followed by very cold winters with temperatures far below zero. But how do our products cope in these conditions? Tony: "It is very important that the locks resist all temperature changes. Frost results in expansion which could lead to small shifts in the products. At Locinox we don't have to worry about it. Because of the premium quality the lock remains very solid and continues to work perfectly. Moreover, the design is great."

A modular concept

"With some very easy adjustments, we can completely change the lock's function. This results in a very large flexibility: create a free passage in case of emergency, provide an extra security thanks to a keypad, etc. The options are really endless, whatever you need," according to Tony Vetro.

Cheaper in the end

"Locinox may be a little more expensive than other manufacturers, but thanks to the unique concept, it's certainly no loss. Everything is always complete and ready for installation. Locks of other manufacturers must be assembled by us and calibres must be developed, so it takes us quite some time at the yard. Thanks to the Locinox concept, the installation is fast and the flexibility is guaranteed so every lock can be mounted on practically every gate. Without any effort. So do the maths: Locinox is a lot cheaper in the end," Tony continues.

It's a very sophisticated concept that automatically solves many problems

Locinox fully opts for quality combined with an unlevelled flexibility. Tony: "It's a very sophisticated concept that automatically solves many problems. I'm a huge fan of the Locinox concept." (laughs)

Do you want to know exactly how we cope with the temperature differences for our gate closers? Take a look on our website!

LOCINOX?

Locinox is an ambitious family corporation with an international leading role in fencing, perimeter security and access control. As a manufacturer of premium hardware for gates and fences, but mainly as an innovator permanently challenging the fencing industry. Want to learn much more about Locinox? We welcome you to visit our company, to follow a product training, or to just enjoy a cup of coffee.
Please feel free to contact us: 877-LOCINOX or salesusa@locinox.com

The Locinox philosophy:

Let's make better fences together

FORWARD
Innovation as the engine of your growth

MODULARITY
Designed with flexibility at every moment

ADDED VALUE
It's the high quality that ensures your peace of mind

24/7 WEBSHOP
Order when it suits you

FULL SERVICE
Exceptional after-sales service

3 YEAR WARRANTY
Sustainable solutions in the very long term

TRANSPARENCY
A sincere and clear communication, day after day

RELIABLE
Our promises and deadlines are always met

LOYAL
Long-term relationships and a win/win situation for everyone

GET INSPIRED!

www.locinox.com
Visit our website to find the information you are looking for. All products are explained from A to Z thanks to product information, technical drawings, installation manuals, etc. Read the customer testimonials on our website.

YouTube
Subscribe to our YouTube channel and be the first to discover installation videos, customer testimonials and our corporate film.
youtube.com/user/LocinoxNV

Lettre d'information
Register to receive our newsletter:
locinoxusa.com/newsletter/subscribe

Twitter
twitter.com/locinox

Webshop
Order our products directly through our online shop.

Facebook
Locinox' world is extremely fascinating and always in motion. Like us on Facebook and discover interesting projects, fun videos and customer testimonials. facebook.com/locinoxUSA

Linkedin
Get connected with Locinox on LinkedIn, and stay tuned with innovations in the gate and fence business. linkedin.com/company/920884

INNOVATION, THE ENGINE FOR YOUR GROWTH!

"Never settle for less, Let's make better fences together"
That is the Locinox philosophy. Innovation is part of our engineers' DNA. Our innovative promise? No concessions to quality and a 100% surplus value for you as a customer. Extra value that is translated in a fast and correct service, high-qualitative products, ease of installation, modularity, durability and comfort. At Locinox, we don't treat our customers like kings; yet we treat them like emperors.
With our latest gate lockers Lion and Rhino, Locinox continues to travel the path of qualitative and innovative solutions. At the moment, safety and comfort are the hot topics. All gates should be autolocking. Locinox prefers to use the best hydraulic technology for a perfect operation. In all weather conditions, in all parts of the world. Our test results are there to show it! With the introduction of SlimStone, the most solid keypad available, Locinox sets a new standard in the automation industry.

SLIMSTONE Sturdy, frost-free and weather resistant keypad

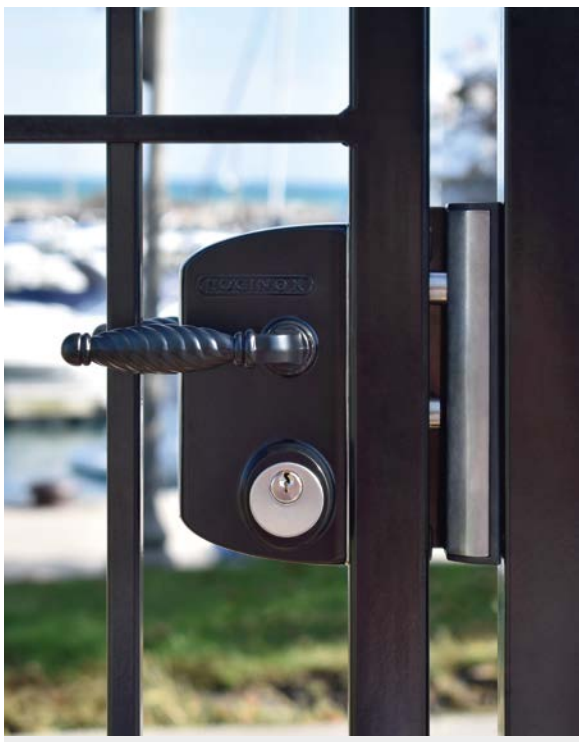
- Complies with IP68 - Extremely resistant to water and dust
- Stainless steel front plate and keys, aluminium housing with structured lacquer
- Housing resistant to vandalism with extra protective edge around the keys
- 6.5 ft connection cable included
- Led lighting under keys and led indication for statuses
- Easy installation and connection thanks to integrated relay (1x NC and 1x NO contact)
- Easy programming of up to 100 codes

MODULEC
Easy-to-install electric keep for surface-mounting thanks to the patented Quick-Fix. Easily interchanged with the SA keep. Can be connected to both 12V - 24V and AC/DC.

- Tested at 500,000 movements
- Resistance to pressure on the latch bolt: 661 lbs
- Fast and easy xing: Quick-Fix
- Easy left or right changing
- Extremely corrosion-resistant: aluminium powder-coated housing
- For gate profiles: 1-9/16" or more
- Adjustable for profiles: 1-9/16" – 2-3/8"
- Voltage: 12V-24V AC/DC
- Consumption: 12V-1,25A / 24V-0,62A
- Power: 15W

BOLTON4D
Screw-on 4d hinge

- Easy to fix with Quick-fix
- Vandal-proof eyebolt & crossbol
- 180° opening
- No more left or right swinging gates in stock
- 11/16" adjustable in height
- 1" adjustable in depth
- U clamp and GRIP in aluminium
- Hot dip glavanised eyebolt and crossbolt

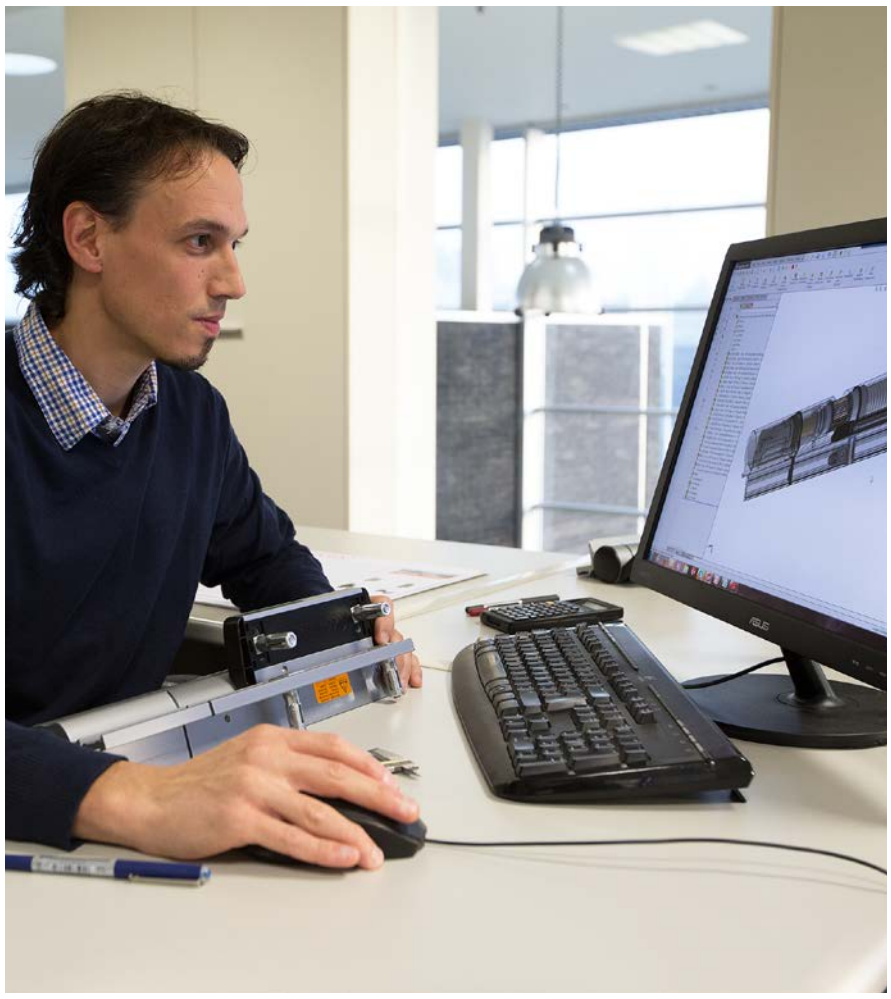


LUKYJ5
High-Quality stainless steel gate lock with aluminum housing. Developed for use with US Mortise cylinder. Thanks to the 3/8" permanent adjustability of both bolts, every gate can be fine tuned precisely to guarantee a perfect locking. Black lock standard provided with black zamac handle pair (FA). Silver lock default provided with aluminum handle.

- Thread size: 1.150 x 32 UNS - Cylinder face: 1.360 (34.5mm)
- Rekeyable cylinder 1-1/8" Schlage C-keyway 5pin (drilled 6pin) - AR Cam - Keyed Different
- Key-operated self-latching bolt, allows Free Exit application
- Adjustment of the bolts up to 3/8" continuous without dismounting the lockbox
- The lockbox requires a 3 - 3/8" spacing to the first picket, fitting nicely into most gates

WHY IS INNOVATION SO IMPORTANT?

Innovation runs through the veins of our engineers. Our philosophy is: "everything can be improved". Every year, we launch 10 innovations. Sometimes they are small and invisible, but as often they just blow you away. What are the advantages of innovation?



Globalisation: A while ago, competing companies were in the same regional or national location. Nowadays, a company across the world can steal customers away from you. Innovation ensures that you are ahead of your competitors. Stronger, faster, lighter and safer. All over the world our products ensure a safe and controlled access.

Pioneer: Locinox is a trend watcher and a pioneer in its industry. We always embrace the latest technologies and optimisations. Choose Locinox and you won't regret it.

Quality: Durable and high-quality products offer years of peace of mind. Innovation is very important in this. Cradle-to-cradle and an exhaustive quality check are no vain terms at Locinox. All elements can be recycled, disassembled and reused.

Cost efficiency: Always question everything, from development to production, and from assembly to shipment. Everything is constantly assessed, improved and optimised. This results in a more efficient transport, smarter use of raw materials, and a faster and safer installation.

Expectations: At Locinox, we like demanding customers. Thanks to the internet, the world has become one large communication platform. Therefore, it is important to exceed the expectations of your customers. Innovation enables this. Locinox treats its customers as emperors, rather than kings.

Safety: All Locinox products must meet the most severe legislation which constantly changes. Thanks to innovation, we monitor everything to ensure the safety of manufacturer, installer, and end customer.

ANTI-PANIC LOCK

Stainless steel industrial anti-panic lock with aluminium housing. Escape or exit from inside is possible at all times by operating the handle. Mechanical access from the outside is always possible by operating the cylinder. This lock is compatible with an optional PUSH-handle or PUSHBAR. The 7/8" continuous adjustability of the bolts allows a perfect alignment of your locking mechanism. A solid stainless steel deadbolt with a 15/16" throw guarantees a secure locking.

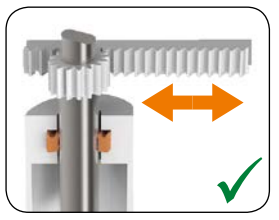
- E-coated lockbox withstands 1,000 hours of salt spray test
- Easy left or right changing of the self-latching daybolt
- Throw of the deadbolt, 15/16" in 1 turn of the key
- Key-operated self-latching bolt
- 4-hole fixing with two hexagon socket head screws
- Center distance bolts: 2-3/8"
- Adjustment of the bolts up to 7/8" continuous without dismounting the lockbox

GATE CLOSERS

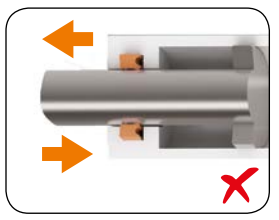
Our gate closers complete our range of high quality fence and gate hardware. Their closing speed remains unaltered during changing weather conditions thanks to the patented, weather independent, hydraulic damping. Closing speed and closing force are both adjustable by means of adjusting screws and a final snap can be set.

DURABLE SEAL

When converting the rotational movement into alinear movement, Locinox always uses a rotary seal.
The illusion of dirt and humidity and loss of oil are impossible.



ROTARY SEAL



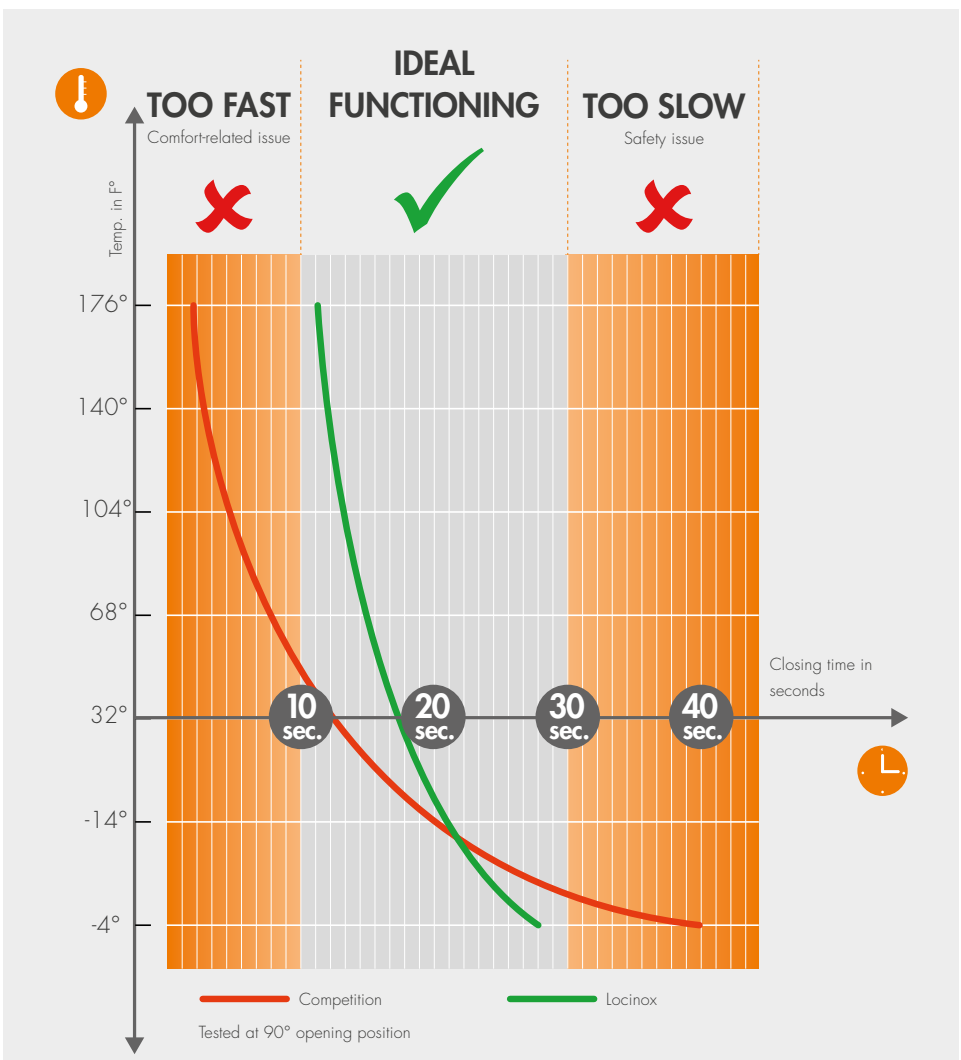
LINEAR SEAL

ACCORDING GATE WIDTH AND HEIGHT:

		HINGE		OPENING ANGLE	ADJUSTABILITY			PERFORMANCE	
		90°	180°		Speed	Force	Final Snap	Gate Weight (lbs)	Gate Width (Feet)
NEW	TIGER	INTEGRATED		180°	✓		✓	165	3-1/2
	MAMMOTH-180	INTEGRATED		180°	✓	✓	✓	330	5
RETROFIT	LION	✓	✓	180°	✓		✓	165	4
	SAMSON	✓	✓	150°	✓	✓	✓	330	6-1/2
	VERTICLOSE		✓	180°	✓	✓	✓	265	4
	VERTICLOSE-RAIL	✓		180°	✓	✓	✓	330	5
	RHINO		✓	180°	✓		✓	330	5

TEMPERATURE COMPENSATION

The force of a gate closer is an important factor. But did you know that the outdoor temperature influences the closing speed of the gate closer? They are exposed to variable weather conditions: from freezing nights in winter to very hot noon times in summer. No matter how hot or cold it is, the speed of Locinox gate closer remains constant.



HYDRAULIC GATE CLOSERS

A hydraulic gate closer operates through the combination of a spring and hydraulic oil. This oil is susceptible to outdoor temperatures, and thickens as temperature lowers. If this problem isn't solved, the closing times of the gate closer can rise sharply, or the gate closer might stop functioning.

LOCINOX GATE CLOSERS

Locinox gate closers perfectly solve this problem, and make sure your gate always closes within the comfort zone. Thanks to a patented hydraulic damping, a Locinox gate closer adapts itself, even in extreme temperatures. We can thus guarantee that the gate closes steadily, without the necessity to adjust the gate closer.

WE TESTED IT

We set all gate closers at room temperature. Then we exposed them to temperatures of -30° C up to +70° C and we measured the closing speed at 90° opening angle. Thanks to the temperature compensation system every gate closer closed at the same speed – no matter the simulated temperature.

COMFORT ZONE

Ideal closing time for a gate closer (if gate opened at 90°) is between 10 and 30 seconds. This is called the comfort zone. If it takes a gate longer to close, this might endanger the safety. A quicker closing is no option. The gate would slam and passing time would be too short.

Many competitors fail these objectives: gas springs are too sensitive, or gate closers that are too small can hardly be adjusted.

Thanks to the constant closing speed of Locinox gate closers comfort, peace of mind and safety are always guaranteed.

OUR ADVANTAGES

TRUSTED QUALITY
Every product has been tested for a minimum of 500k movements.

SPEED & FINAL SNAP
Very easy to adjust your preferences with an Allen Key.

LEFT AND RIGHT
Every Locinox product is designed to use for both left and right handed gates.

EASE OF INSTALLATION
All our products are fast and easy to install. Even when installing on site, thanks to the Quick-Fix.

WEATHERPROOF RUSTPROOF
All Locinox products are tested in the most extreme circumstances and work in all seasons

TIGER

Hydraulic, selfclosing, double bearing hinge with an 180° opening angle that easily closes gates up to 165 lbs. Closing speed and final snap can be adjusted after installation. Fast and easy fixing with Quick-Fix. Combination with Puma (non-selfclosing) hinge. Conform with Rospa regulations.

- Automatic 180° closing angle with adjustable closing speed and final snap
- For gates up to 165 lbs (max 3.6 ft wide)
- Hydraulic damping
- Aluminum powdercoated PUMA hinge included
- Powdercoated aluminium casing
- Aesthetic design
- 180° opening and closing angle
- 13/16" vertical adjustability
- 9/16" horizontal adjustability
- Conform with Rospa regulations

PUMA HINGE INCLUDED

RHINO
Hydraulic gate closer to combine with180° hinges.
- Turn your Locinox 180° hinge into a self-closing solution
- For gates up to 331lbs (max 4,9ft wide)
- Direct assembly on 180° hinges M16 & M20 (GBMU & GBMU4D)
- Use of RhinoDrill is recommended for a correct installation
- Moveable eyebolt is recommended (1034-ROLL-M16)
- Automatic 180° closure with adjustable closing speed and final snap
- Aesthetic design
- Aluminium powdercoated

LION
Compact hydraulic gate closer for any gate situation.
- Suitable for any gate installation
- For gates up to 165lbs (max 3.6 ft wide)
- Automatic 180° - closing with adjustabe closing speed and final snap
- Powdercoated aluminium casing
- Compact & aesthetic design

TESTIMONIALS

ZAUN- UND TORANLAGEN ANDRIEU,

a gate installer in the German city of Dortmund, has been working with Locinox for the past 25 years. Manager Matthias Andrieu is the perfect person to tell us how he experiences working with Locinox.

Designed for outdoor use

Locinox stands for quality. All our products can perfectly resist extreme weather conditions, from cold winters to hot summers. Moreover, all innovations are profoundly tested with 500,000 movements.

Also Matthias Andrieu appreciates our quality, especially that of our gate closers. "The main advantages are the durability and the fact that the gate closers are designed for outdoor use. Usually, those qualities result in expensive products. This does not apply for the Locinox gate closers. On the contrary, they are easy to assemble and mainly during winter their performance is very convincing. Thanks to Locinox, we don't encounter problems, compared to products of other manufacturers."

> Thanks to Locinox, we don't encounter problems, compared to products of other manufacturers

Perfect service

Locinox treats every customer as an emperor. We really want full customer satisfaction. "For over 25 years now, we've been working with Locinox. We are very pleased about the collaboration. Every order is delivered correctly in a short term. No need to check upon delivery because we know everything is okay. This service can't be improved!" Andrieu explains.

Quick installation

"Very important to us is the quick and easy installation", Andrieu says. "We can easily switch the rotation direction of the locks at the yard. You only need to drill the holes, which largely contributes to a quick assembly. Left or right, it doesn't matter. The lock is immediately adapted." The modular character and the ease of assembly is one of the strengths of the Locinox concept. Both ensure flexibility and comfort. This is a large added value we offer our customers, and the end customer also benefits from it.

Do you want to know the impact of the 1,000 hour salt spray test? Watch the video on www.locinox.com/en-gb/videozone/

THE ROAD TO INNOVATION

140,000 sq.ft.

Its own 13,250m² high-tech production hall.

Locinox was established **28 YEARS** ago

Every year, **26,400** hours are spent on R&D.

15 innovations were launched in 2017

Submitted to the **500,000** movements' test.

1,000 H.
salt spray test

3 to 5 new patents are applied for every year.

2,000 LBS.

Quick-Fix can support as much as 1,000 kg.

9,500
articles in storage.

All our products function perfectly in temperatures from

-22°F > +158°F

24 h

97% of the orders is sent within 24 hours.

Locinox products have been mounted in **62** different countries.

Technical support is available in

7 LANGUAGES

90% is very satisfied with the collaboration.

Customer testimonials can lead to smart innovations.

MODULARITY = EFFECTIVENESS

One drilling template for all locks LA, LE, LD, LF, LM and strikes SA, SH and SM. With this interchangeability, the Locinox lock gives you the opportunity to offer a solution for every situation.

1 prepared post = a multitude of possibilities

STANDARD

CYLINDER 7/8″

ORNAMENTAL

ELECTRIC

PANIC LOCK

DOUBLE CYLINDER

CHILD SAFETY

TRIANGULAR CYLINDER

ECONOMICAL

PUSH HANDLE

FREE EXIT

MECHANICAL CODE LOCK

MECHANICAL WITH PUSH HANDLE

MECHANICAL WITH PUSH BAR

MAGLOCK

INDUSTRIAL

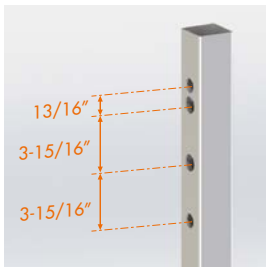
SECURITY

MODULEC-SA

MODULEC-SH

POLYAMIDE

1 method of installation for all our locks:



TESTIMONIALS

SPEFAB, a gate manufacturer in Douai, Northern France, has been working with Locinox for many years now. Arnaud Biet explains why he likes to work with Locinox.

Smooth collaboration

"Spefab is an SME with 24 employees, and manufactures gates and doors for leading companies such as Clôtures et Portails de France and other industrial companies. From the start, about 25 years ago, it's been a pleasure to work with Locinox. Since everything is absolutely flawless, we couldn't think of any reason for us to change," Biet says.

Perfect technical support

Arnaud Biet: "The Locinox products can easily be integrated in all types of posts and gates. Quick-Fix saves us a lot of time. Moreover, there's always someone we can contact for technical support." The Locinox concept is no coincidence. The permanent focus on flexibility, modularity and quality ensures a constant growth and improvement of the concept. The entire company breaths this philosophy. Our customers reap the benefits.

This modularity is very important to us

Modularity

"The advantage is that we can easily replace a traditional keep on an already installed gate with an electrical keep. This modularity is very important to us. This allows us to remain very flexible towards our customers," Biet says.

Order online

Locinox believes in the power of clear and simple communication. Arnaud uses the website every day. "The website is a convenient tool: technical information, installation videos, detailed drawings, etc. This results in a clear and full communication towards our customers. The website also has an online order platform where we can quickly place orders. We know the prices and the delivery terms in advance, and immediately get an order confirmation."

GATE WING STANDARDISATION = STOCK REDUCTION

With Locinox you can easily standardize and stock only one type of gate wing which can be used on left- or right turning gates or on a double wing gates. The extensive standardisation of our products allows you to use the same wing for the lock and the keep. A counterbox ensures a uniform and aesthetic look. The orientation of the GRIP of our GBMU4D hinge makes it possible to determine during installation whether the wing will be used for left or right turning.

Right turning gate:

Left turning gate:

Double wing gate:

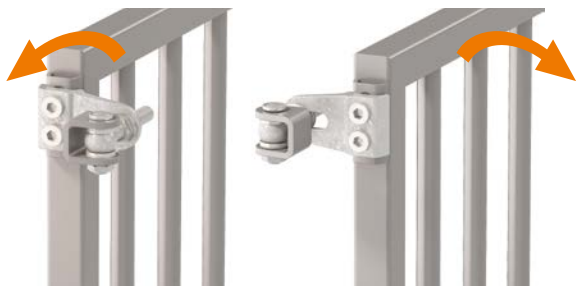
ADVANTAGES OF WING STANDARDISATION:

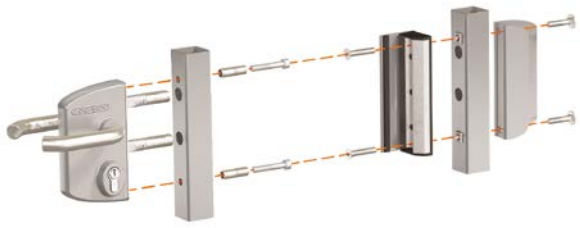
Easy to stack and transport

A standardised gate wing where the hardware such as hinges and lock can be installed afterwards, are easy to stack. Easier to keep on stock and easier to transport!

Hinge, lock and keep reversibility

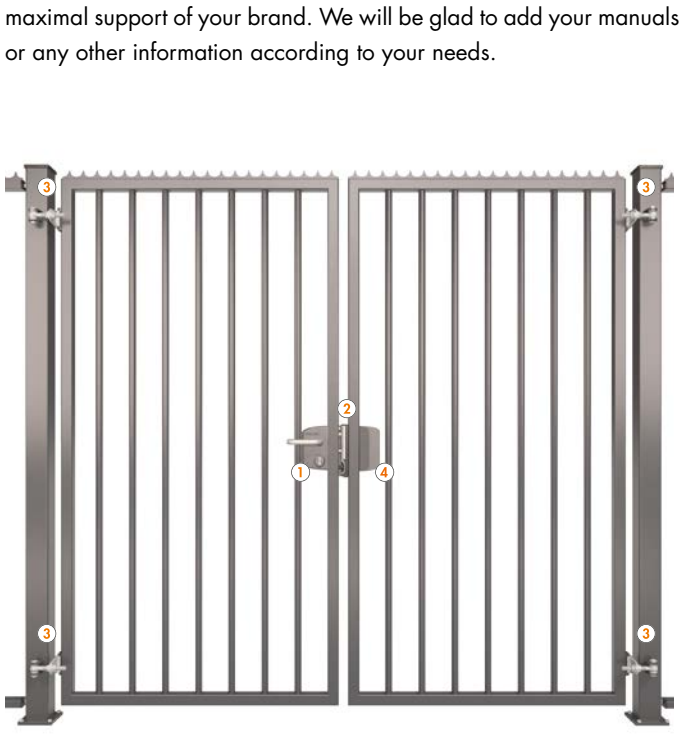
A standardised gate wing can be used left- or right turning. Locinox locks and keeps are reversible and the hinges can be installed in both rotational directions.





SETS = LOGISTICS SOLUTION

Locinox supports you also in your logistic process. Select and compose your own gate hardware SET and avoid stock ruptures or false deliveries of gate components to your customers. The set components are all picked together and, above all, put in a robust and weather-proof packaging. If you wish, your logo can be put on the box for a maximal support of your brand. We will be glad to add your manuals or any other information according to your needs.



Garden gate - box set

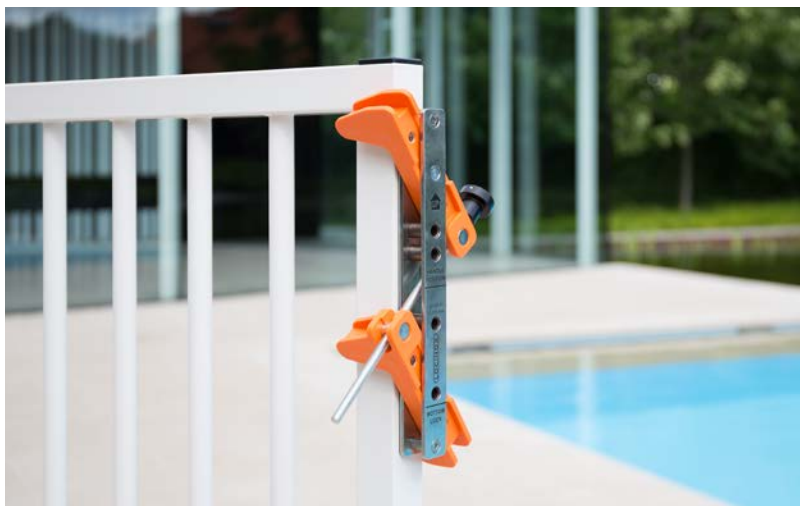
2 gate wings - foil set

1gate wing - foil set

TOOLS

DRILLFIX

Tool case with drilling jig for lock and keep.
Quickly and accurately install Locinox locks and keeps with our brand new DrillFix jig. This jig is designed to self-center on square or round posts, and guarantees perfect alignment. This will allow you to easily drill the 4 hole pattern for the lock or the two holes necessary for the keeper. Seamless installs in a flash. The DrillFix comes in a sleek and sturdy case that includes all the necessary accessories to install Locinox locks and keeps.



TIGERDRILL

Tool case with installation and drilling jig to perfectly align and install the Tiger gate closer and its Puma hinge. This tool guarantees perfect alignment and a fast and easy installation. No measuring needed, just fix the tool on the post, drill the holes , install the Tiger and Puma, and close the gate.

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