

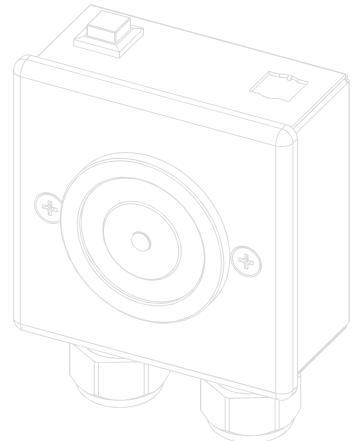
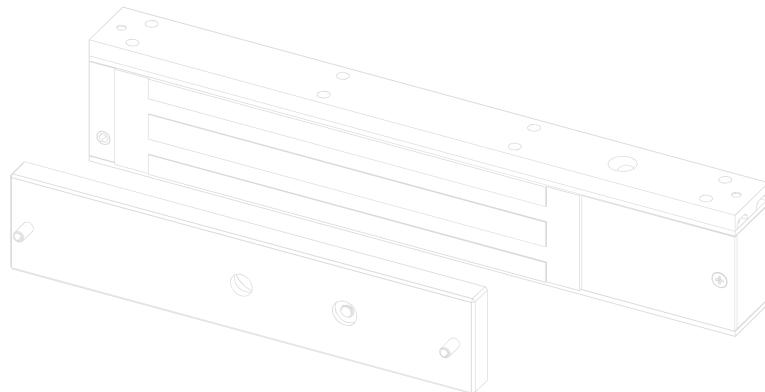
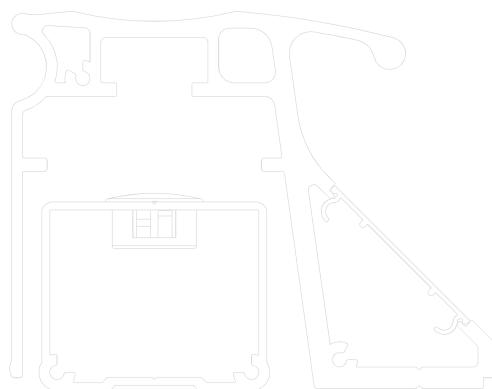


Acacia



Electromagnetic locking

All-terrain mode: to be embedded or surface-mounted, strong and durable (no mechanical wear and tear).
Adaptable to almost any type of door. Safe, as access is instantly opened up during power cuts.



CPREG® handles

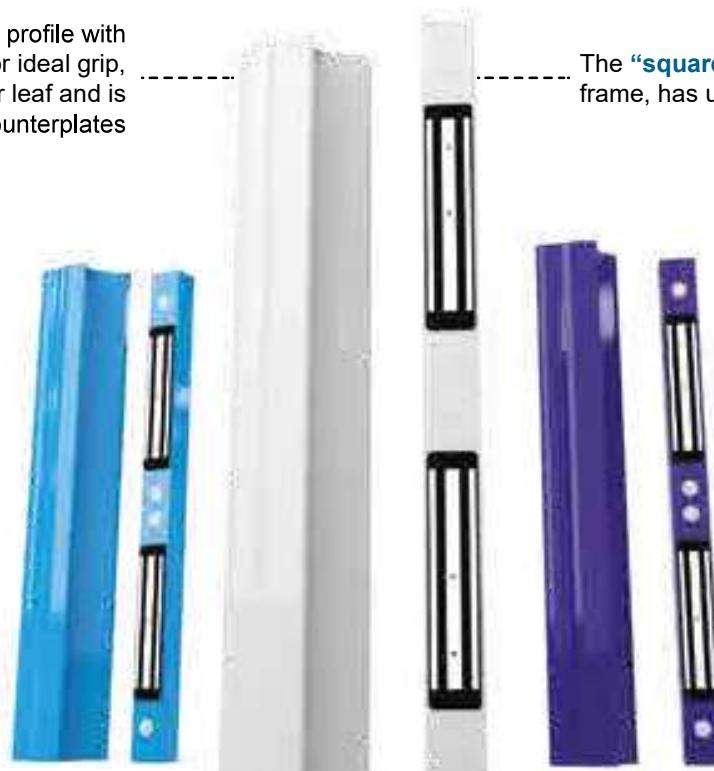


Delivered pre-assembled: quick and easy to install

The CPREG® range may be fitted with **1 to 4 EM locks** at 300 daN* each.

This **universal** device, perfectly adapted for renovation or new installations, is **extremely reliable**, as it offers better distribution of work effort as well as vertical holding force.

The “**handle**” profile with ambidextrous access for ideal grip, is attached to the door leaf and is fitted with the counterplates



The “**square**” profile attached to the frame, has up to 4 EM locks**

Built-in state contact allowing for the communication of “door locked” or “door unlocked” status to an external element

Aesthetically-pleasing and solid: the ideal compromise between mortice and surface EM locks. No screws are visible when the door is closed

Our handles are **fully tested**

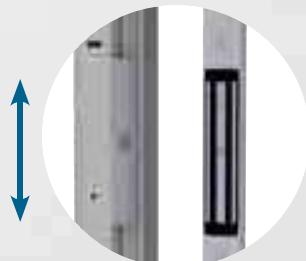
For emergency exits
NF S 61-937 certified
as 24V or 48V DC

*Subject to SEWOSY's installation instructions being followed.

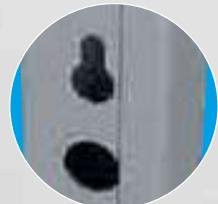
**Depending on the model



Adjustable counterplates
offer fine-tuned adjustment to
guarantee optimal alignment between
the EM lock and the counterplate



Hanging holes: facilitates
installation by drilling holes
to fit cables and keep your
hands free



Ambidextrous handle

Integrated cable-puller: facilitates
handling of the cabling*

Pre-drilled square: saves
time during installation,
gives access to attachment
holes without needing to
unfasten the EM locks

*Except 400 mm and 600 mm lengths

Create your own CPREG®:

Powder coating

① Select your colour
from most of RAL shades

② Indicate the required finishing*

Brilliant 85 %**
Satin 75 %** brilliant
Mat 30 %** brilliant
Textured

*By default the finishing is "brilliant"
**+/- 5 %

How to construct your reference

- indicate our generic code **RAL-2/**
- precise your details
 - length of handle **300** or **250** or **60** or **40** followed by -
 - number of handles
 - finishing: nothing (= brilliant) or **S** (= satin) or **M** (= mat) or **FS** (= textured)
- in comment, mention the **RAL number**

If the finishing is **brilliant**, don't add anything!
Example: RAL-2/250-1

If the finishing is **satin** add **S** next to handle quantity.
Example: RAL-2/250-1S

If the finishing is **mat** add **M** next to handle quantity.
Example: RAL-2/250-1M

If the finishing is **fine structure** add **FS** next to handle quantity.
Example: RAL-2/250-1FS

Order example: one CPREG2NAR handle of 2500 mm. Blue powder coating RAL 5010 - satin finish

Indicate: **RAL-2/250-1S RAL 5010**

RAL-2/ = our generic code
250- = 2500 mm length (followed by -)
1 = quantity
S = satin finish



Cutting

Our CPREG® handles can be **cut** according to door dimensions

You just have to specify
CPREG-2/CUT
reference when ordering

CPREG2N & CPREG2NAR

① Select the voltage: dual or tri-voltage

Dual-voltage 12-24V DC choose the **CPREG2N**

Voltage setting through jumper

NF S 61-937 compliant in 24V DC (up to 2 magnets)

Tri-voltage 12-24-48V DC choose the **CPREG2NAR**

Voltage range from 10 to 60V DC with **automatic voltage adaptation**

NF S 61-937 compliant in 24 and 48V DC (up to 4 magnets)

② Select the length

400 mm = **1 magnet**

600 mm = **2 magnets**

2500 and 3000 mm = **from 2 to 4 magnets**

(3 to 4 magnets only for CPREG2NAR)



CPREG2N & CPREG2NAR

Type	References CPREG2N/xxAS - CPREG2N/xxB CPREG2NAR/xxAS - CPREG2NAR/xxB (xx = dimensions)		Number of magnets*	Height in mm
Standard finishings	AS = natural anodizing	B = mill finish**		
CPREG2N Dual-voltage 12-24V DC	/40AS	/40B	1	400
	/60AS	/60B	2	600
	/250AS	/250B		2500
	/300AS	/300B		3000
CPREG2NAR Tri-voltage 12-24-48V DC	/40AS	/40B	1	400
	/250AS	/250B	2	2500
	/250AS-3	/250B-3	3	
	/250AS-4	/300B-4	4	
	/300AS	/300B	2	3000
	/300AS-3	/300B-3	3	
	/300AS-4	/300B-4	4	
With integrated push button option				
CPREG2N	/250AS-BP	/250B-BP	2	2500
CPREG2NAR	/250AS-BP			
Powder coating brilliant 85 %	RAL 9005 (black)	RAL 9010 (white)		
CPREG2N	/250-9005	/250-9010	2	2500
CPREG2NAR	/40-9005	/40-9010	1	400
	/250-9005	/250-9010	2	2500

*300 daN per magnet: maximal theoretical holding force, for an implementation meeting the optimum laying conditions

**Intended for powder coating

CPREG6: CPREG® handles

Sixth generation: pulling out all the stops!



Innovative
and unique

Already familiar with CPREG®?
This version will see you view it in a new light.

Not yet a fan of the EM handle?
CPREG6's originality will persuade you to add it to the
solutions you already offer to your customer.

The CPREG6 is a EM handle like no other.
THREE brand new functionalities set it apart:



Grip area

Instantly identify on the handle the area that allows you to comfortably open the door!

Ambidextrous handle across the height of the door for ideal grip.
Insertion of "pink champagne effect" bib trim: an exclusive SEWOSY concept offering function and form, and which fits into any environment, lending a high-end touch.



Lighting

The plate on the handle has a wide light strip showing the state of the handle (for 2500mm and 3000mm lengths).

White (locked) ► green (unlocked)



Speaking

A message is displayed to indicate the door state:
"door unlocked" and "door locked".

Stand out from the rest by personalising* your welcome message!
*as an option



CPREG6: CPREG® handles

Sixth generation: pulling out all the stops!

Tri-voltage handle 12-24-48V DC

Constant voltage range from 10 to 60V DC with **automatic voltage selection**

NF S 61-937 compliant in 24 and 48V DC (up to 4 magnets)

Available heights

400 mm = **1 magnet**

2500 et 3000 mm = **2 or 4 magnets**

Practical and nifty, they've been designed especially for you!

We've developed tools to facilitate installation and use:

- ▶ the design of the handle has been reworked: smoother, it is also more user-friendly;
- ▶ the square profile of the SEWOSY handle includes pre-drilled **attachment holes** which prevents the disassembly of pre-assembled EM locks;
- ▶ the built-in **hanging hole** and the **cable-puller*** facilitate the installation and wiring processes. Keep your hands free;
- ▶ the attachment of end caps has been optimised;
- ▶ experience the benefits of extensions and reinforcements: these parts are common to all CPREG® systems;
- ▶ the optional adjustment wedge is the accessory that opens up multiple installation options; consider including this installation aid!
- ▶ the DECYL1® option sees retention of the existing cylinder, with an attractive finish.

*Except for the 400 mm length

The SEWOSY exclusive signature

Available during the
second semester 2022

We make all the difference...

Setting you apart from the other!



CPREG6

Type	References CPREG6/xxAS - CPREG6/xxB (xx = dimensions)		Number of magnets*	Height in mm	Lighting	Speaking	
Standard finishings	AS = natural anodizing	B = mill finish**					
CPREG6 Tri-voltage 12-24-48V DC	/40AS	/40B	1	400			
	/250AS	/250B	2	2500			
	/250AS-4	/250B-4	4				
	/250AS-L	/250B-L	2		✓		
	/250AS-HP	/250B-HP			✓	✓	
	/250AS-L4	/250B-L4	4		✓		
	/250AS-HP4	/250B-HP4			✓	✓	
	/300AS	/300B	2	3000			
	/300AS-4	/300B-4	4				
	/300AS-L	/300B-L	2		✓		
	/300AS-HP	/300B-HP			✓	✓	
	/300AS-L4	/300B-L4	4		✓		
	/300AS-HP4	/300B-HP4			✓	✓	
Powder coating brilliant 85 %	RAL 9005 (black)	RAL 9010 (white)					
CPREG6	/40-9005	/40-9010	1	400			
	/250-9005	/250-9010	2	2500			
	/250-9005-4	/250-9010-4	4				
	/250-L-9005	/250-L-9010	2		✓		
	/250-HP-9005	/250-HP-9010			✓	✓	
	/250-L4-9005	/250-L4-9010	4		✓		
	/250-HP4-9005	/250-HP4-9010			✓	✓	
	/300-9005	/300-9010	2	3000			
	/300-9005-4	/300-9010-4	4				
	/300-L-9005	/300-L-9010	2		✓		
	/300-HP-9005	/300-HP-9010			✓	✓	
	/300-L4-9005	/300-L4-9010	4		✓		
	/300-HP4-9005	/300-HP4-9010			✓	✓	

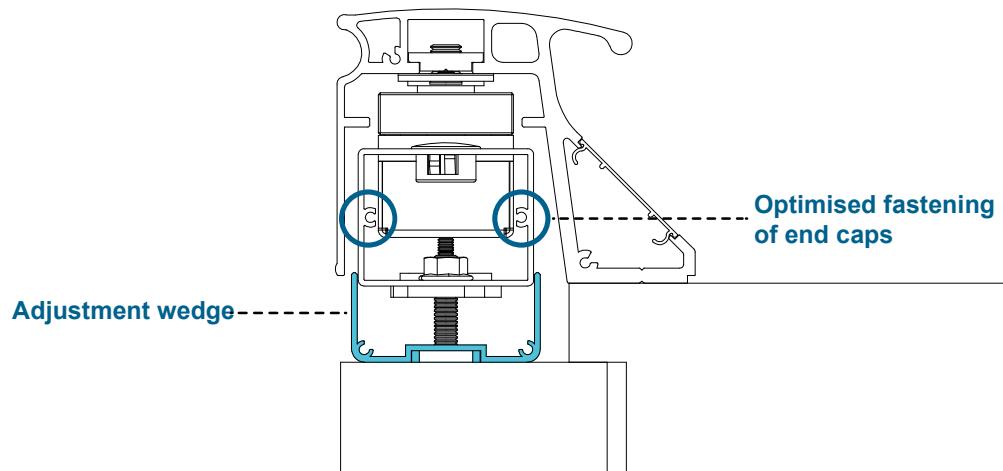
*300 daN per magnet: maximal theoretical holding force, for an implementation meeting the optimum laying conditions

**Intended for powder coating

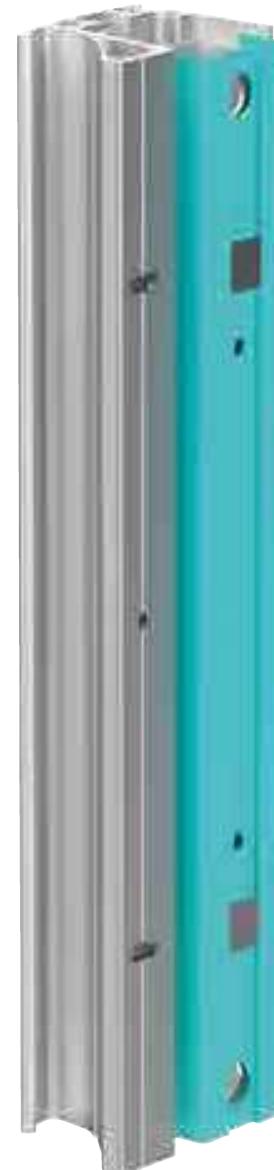
Adjustment wedge for CPREG6

Allows to compensate for overlapping depth (from 7,5 to 20 mm) existing on certain doors.

Height	Finishings	
	AS = natural anodizing	B = mill finish*
400 mm	CPREG-C/40AS	CPREG-C/40B
2500 mm	CPREG-C/250AS	CPREG-C/250B
3000 mm	CPREG-C/300AS	CPREG-C/300B



*Intended for powder coating



Accessories for CPREG® electromagnetic handles

for CPREG® series	Extension CPREG-NE ①	Reinforcement profile CPREG-P ②	Reinforcement profile CPREG-S ③
AS finishing = natural anodizing			
3000 mm	CPREG-NE300AS	CPREG-P/3000AS	CPREG-S/3000AS
2500 mm	CPREG-NE250AS	CPREG-P/2500AS	CPREG-S/2500AS
600 mm	CPREG-NE60AS	CPREG-P/600AS	CPREG-S/600AS
400 mm	CPREG-NE40AS	CPREG-P/400AS	CPREG-S/400AS
B finishing = mill finish*			
3000 mm	CPREG-NE300B	CPREG-P/3000B	CPREG-S/3000B
2500 mm	CPREG-NE250B	CPREG-P/2500B	CPREG-S/2500B
600 mm	CPREG-NE60B	CPREG-P/600B	CPREG-S/600B
400 mm	CPREG-NE40B	CPREG-P/400B	CPREG-S/400B

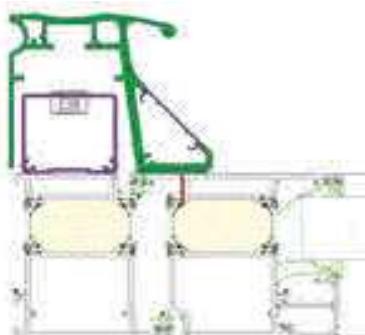


*Intended for powder coating

CPREG-NE

Extension for CPREG®

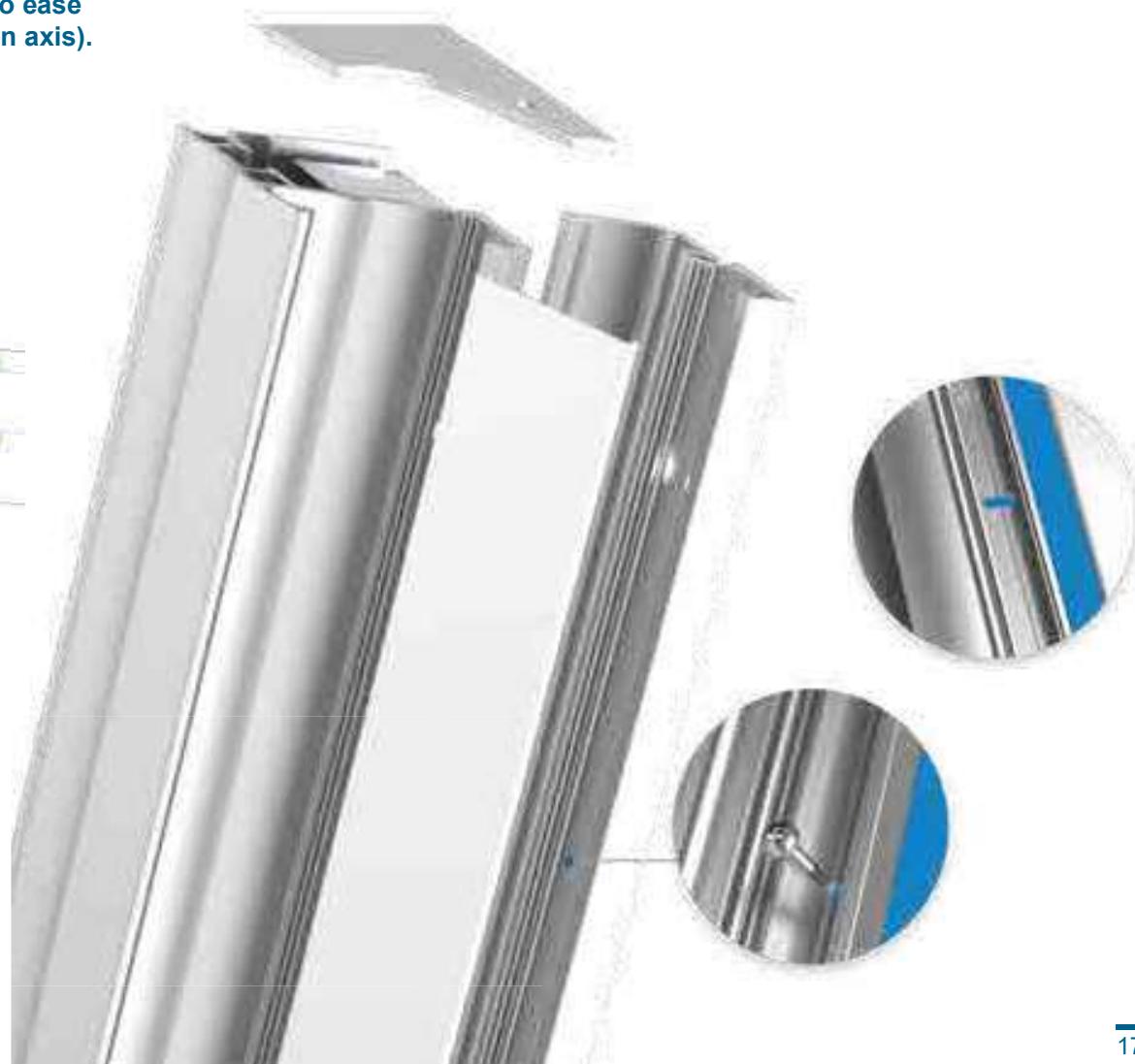
The CPREG®-NE laying extension allows deporting the handle fixing points on aluminium doors with high overlay, it also permits to ease renovation works, by hiding old fastening holes (depending on axis).



without extension



with extension



CPR

VELMAG® surface electromagnetic locks



500 daN* Ideal for accesses for external opening doors

300 daN* for indoors or external opening doors

150 daN* for indoors use

Ideal for accesses

*Maximal theoretical holding force, for an implementation meeting the optimum laying conditions

VELMAG® surface electromagnetic locks

Holding force*	References	Input voltage 12-24V DC	Type	Contact + Led
150 daN	EF150CTC ①	✓	simple	Hall
	EF150-2CTC	✓	double	Hall

NF S 61-937 compliant

Locked / unlocked magnet status by Hall sensor
Door position status (open / closed) by Reed contact

Holding force*	References	Input voltage		Type	Contact + Led
		12-24V DC	24-48V DC		
300 daN	EF300	✓		simple	
	EF300CTC ②	✓			Hall
	EF300CTC-R**	✓			Hall + Reed
	EF300CTC-R_NFS	✓			Hall + Reed
	EF300CTC/I_NFS		✓		Hall
	EF300-2CTC	✓		double	Hall
500 daN	EF550	✓		simple	
	EF550CTC ③	✓			Hall
	EF550CTC-R**	✓			Hall + Reed
	EF550CTC-R_NFS	✓			Hall + Reed
	EF550CTC/I		✓		Hall
	EF550-2CTC	✓		double	Hall
	EF550-2CTC/I		✓		Hall



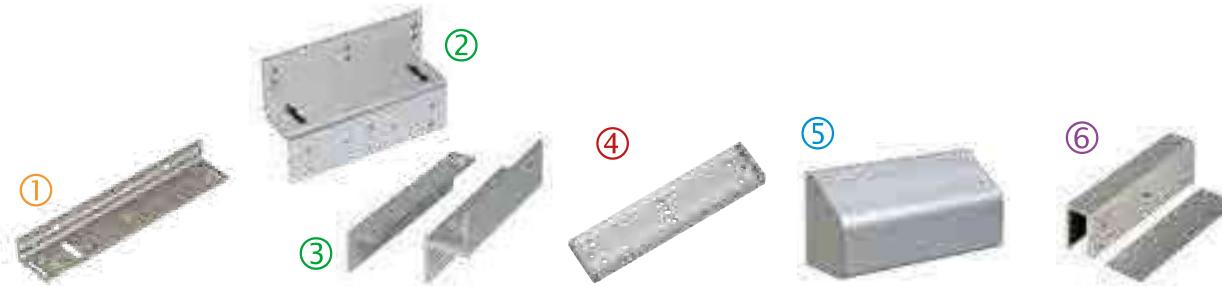
*Maximal theoretical holding force, for an implementation meeting the optimum laying conditions

**NF S 61-937: not compliant

Brackets for VELMAG® surface electromagnetic locks

We opted for solidity: built to last!

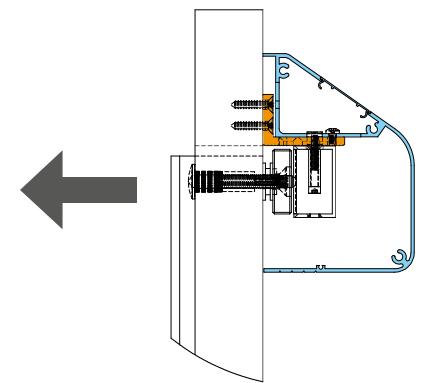
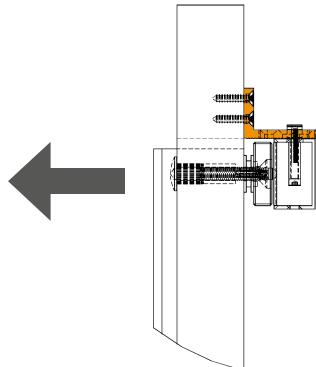
Our brackets have been designed to withstand at a minimum the holding force of our magnets.



For model	L bracket	Z bracket	Mounting set for armature plate	Aluminium cover to be combined with L and Z bracket	U mounting sleeve for glass doors (10-13 mm)
150 daN	EF150L	EF150ZL			EF150U
300 daN	EF300L		EF300SCP	EF300C	
500 daN	EF550L		EF550SCP	EF550C	
common for 300 and 500 daN		EF300/550Z			EF300/550UZAP ^⑥ for door leaf
					EF300/550UL ^⑦ for door frame

Configurations for pushing doors

① L bracket

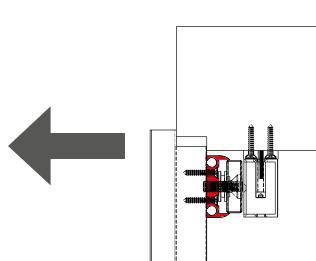


① L bracket

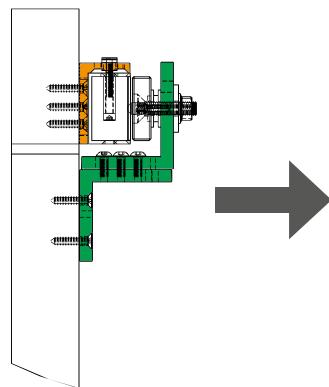
⑤ Finishing cover

④ Mounting set for armature plate

Ideal for external opening doors without visible screws



Configurations for pulling doors



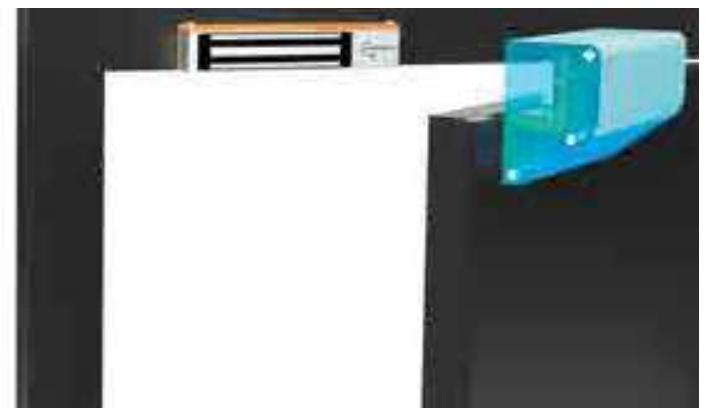
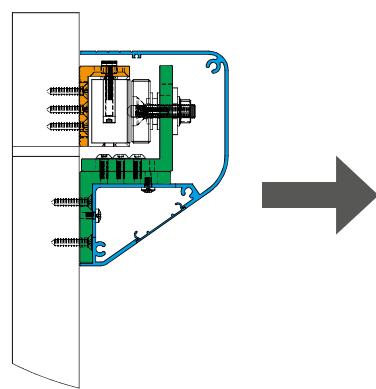
For 300 and 500 daN magnet models = ref. EF300/550Z

- ① L bracket
- ② Z bracket

For 150 daN magnet model = ref. EF150ZL

- ③ Z and L kit

- ① L bracket
- ② Z bracket
- ⑤ Finishing cover



Configurations for pushing doors specially for glass doors



⑥ EF300/550UZAP

- ① L bracket
- ② Z bracket
- ⑤ Finishing cover
- ⑥ EF300/550UZAP
- ⑦ EF300/550UL



VELMAG® mortise electromagnetic locks

Input voltage: 12-24V DC

Locked / unlocked magnet status by Reed contact

Holding force*	Width	Fixing	Body	State contact	References
150 daN	32 mm	Wings	Inox	✓	EF150ENCCTC CA ①
300 daN	38 mm	Wings	Epoxy		EF300ENC CA
	35 mm			✓	EF300ENCCTC CA
	35,5 mm	Press screw or wings	Epoxy		V30035
				✓	V30035C
			Inox		EF30035ENC **
					EF30035ENC CA
				✓	EF30035ENCCTC CA ②
500 daN	61 mm	Press screw	Epoxy	✓	EF550ENCCTC CA ③



Shearlock

Locked / unlocked magnet status by Hall Sensor

540 daN	30 mm	Wings	Epoxy	✓	SH540CTC ④
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Surface housing



Kit U: brackets for glass doors

*Maximal theoretical holding force, for an implementation meeting the optimum laying conditions

**NF S 61-937 compliant in 24V DC



① Mortice EM locks
VELMAG®

② Proximity readers with keypad
See page 78

**View from the
outside**



① Push buttons
See page 64

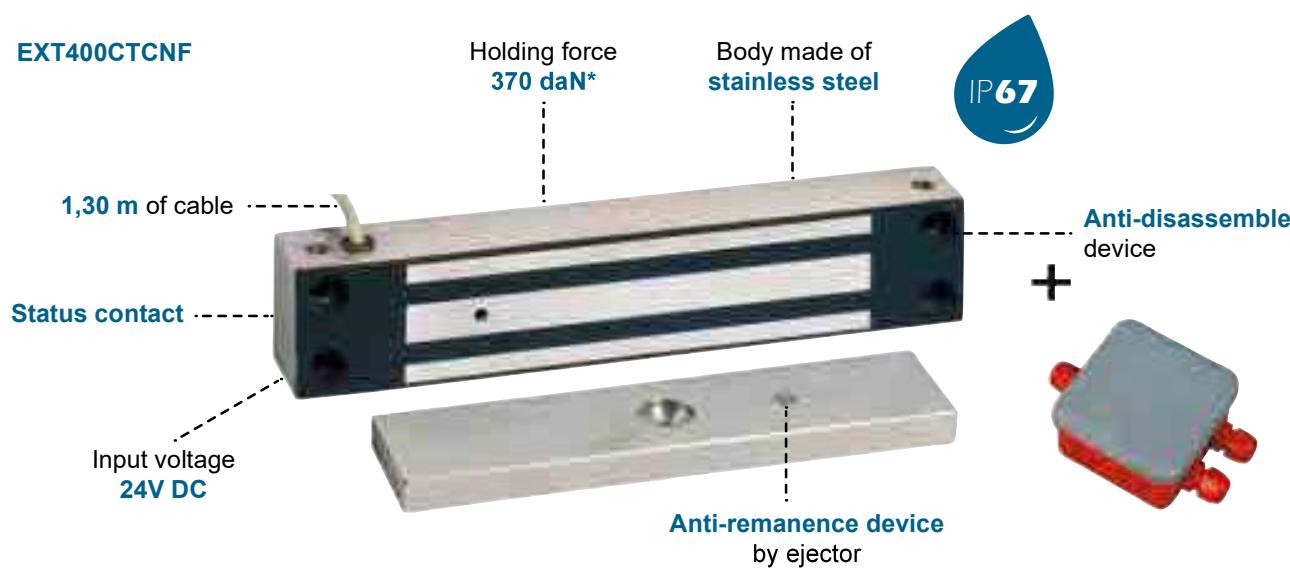
② Equipment boxes
See page 58

discreet design

VELMAG® exterior electromagnetic locks

NF S 61-937 compliant
in 24V DC

EXT400CTCNF



Take the easy way:
go for our kits!



EXT400CTCNFP
pushing doors

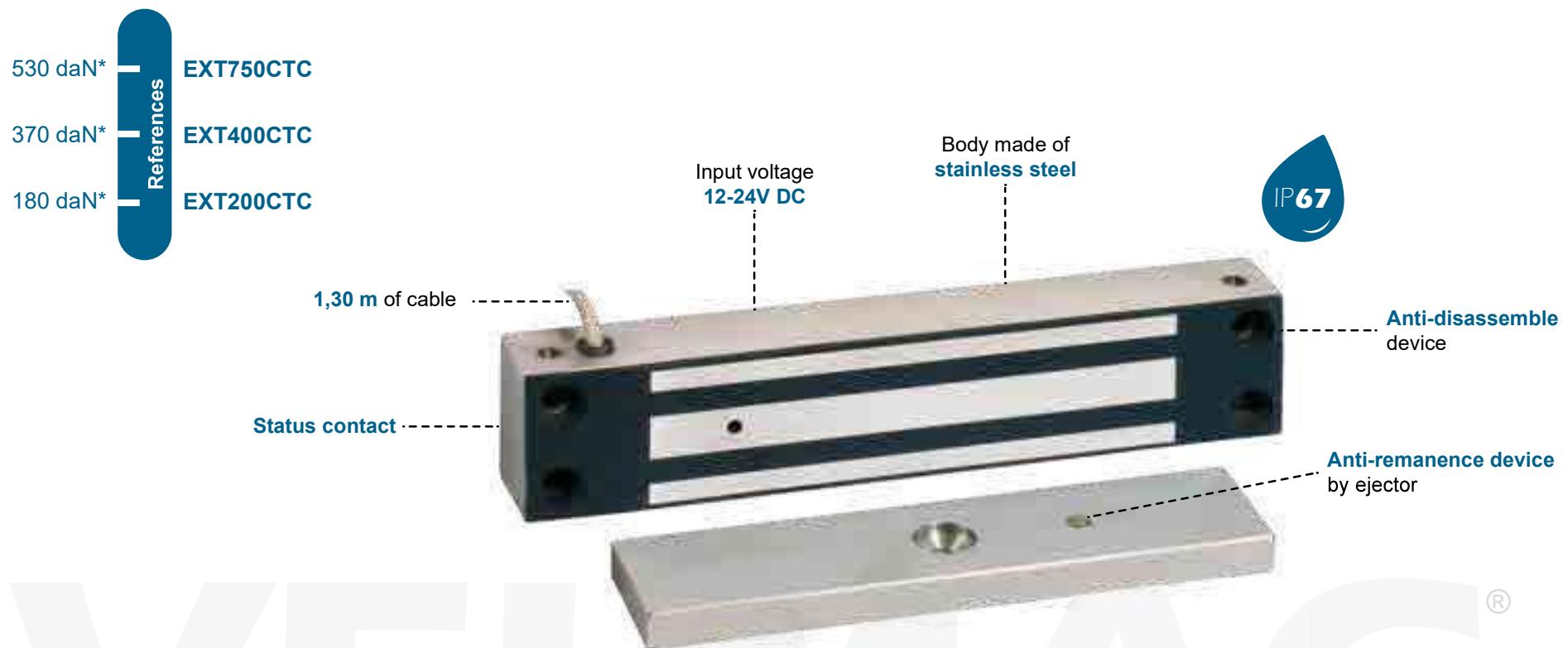


EXT400CTCNFT
pulling doors

*Maximal theoretical holding force, for an implementation meeting the optimum laying conditions

VELMAG® exterior electromagnetic locks

Other models for use without NF S 61-937 compliance.



*Maximal theoretical holding force, for an implementation meeting the optimum laying conditions



- ① EM locks for outdoor use
VELMAG®
See page 24
- ② Proximity readers with keypad
See page 79
- ③ Waterproof power supplies
See page 60

Brackets for VELMAG® electromagnetic locks for outdoor use



L Bracket
for pushing door

EXT200L
EXT400L
EXT750L

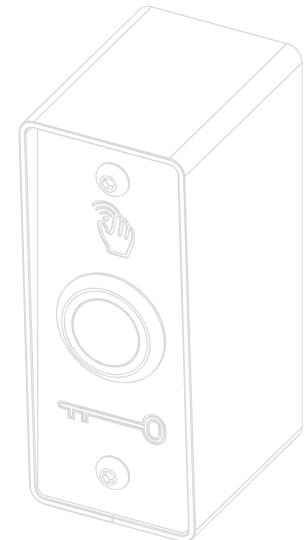
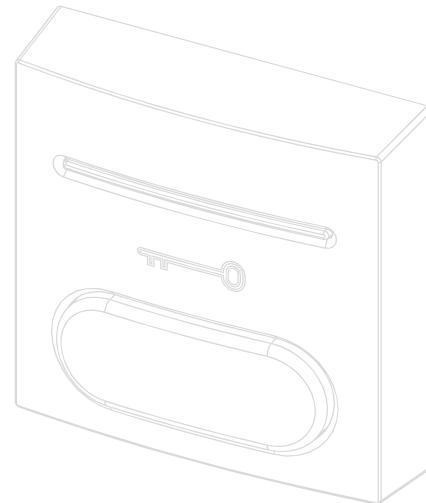
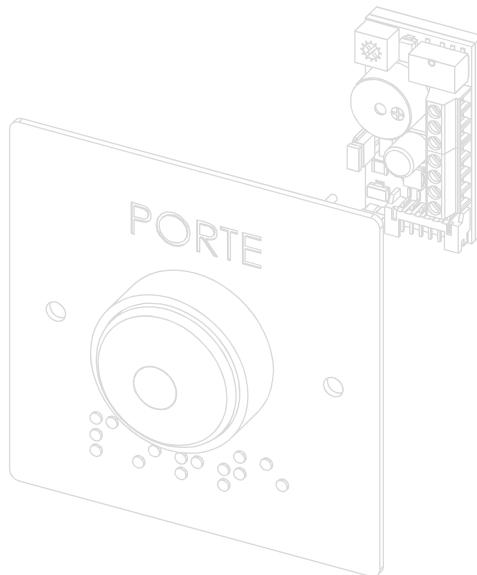


Z Bracket
for pulling door

EXT200Z
EXT400Z
EXT750Z

Push buttons

A simple, effective unlocking command linked to your electrical systems.

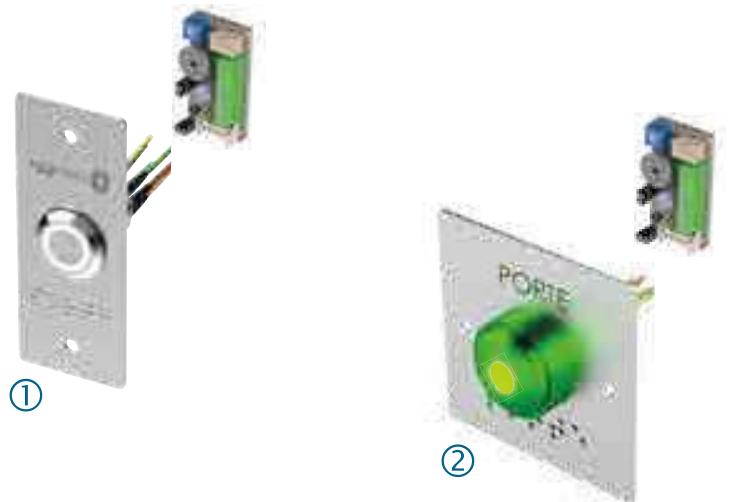


Disabled access buttons

The integration of a dry mechanical NC contact allows to unlock the door at all times and under all circumstances.

With remote electronics

Time delay	0 - 60 s	
Input voltage	12-24V AC/DC	
Switching capability	1 changeover contact C/NO/NC	30V DC - 2 A / 125V AC - 0,5 A
	1 mechanical contact NC/NC	30V DC - 2 A
Lighting	white/green	
Diameter of the button	Ø 19 mm	Ø 22 mm
Button only	PB19VB_SP	
Narrow plate	PB19VB_BBL-E ①	PB22M_BBL-E
Large plate	PB19VB_BBL	PB22M_BBL ②
Large and narrow plates	PB19VB_BBL-LE	



With integrated electronics

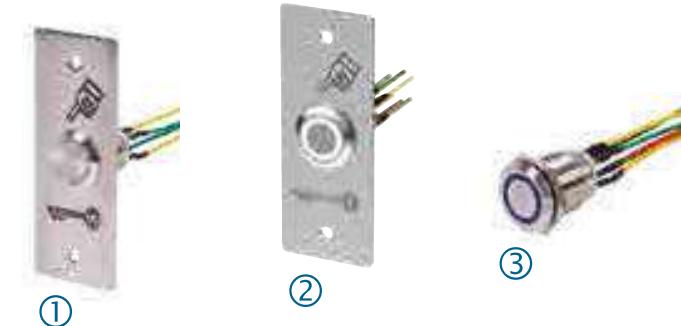
Time delay	0 - 5 - 10 - 15 s	/
Input voltage	12-24V AC/DC	12-24V DC
Switching capability	1 changeover contact C/NO/NC	125V AC - 2 A / 60V DC - 2 A
	1 mechanical contact NC/NC	30V DC - 0,5 A
Lighting	blue	
Diameter of the button	Ø 19 mm	/
Narrow plate	PB19_BBL3E-B12 ③	
Large plate	PB19_BBL3-B12	
ABS	PBAL2 ④	



Stainless steel

Connection by soldered wires

Diameter of the button		Ø 19 mm		
Contact		C/NO/NC		
Switching capability		250V AC - 2 A / 24V DC - 1 A		
Input voltage		/		12V DC
Lighting		/		white or green blue
Button only		PB19NO+NC_4FS		PB19NO+NC_B12_6FS (3)
Narrow plate	Braille marking	PB19NO+NC_4FS_PBE	PB19VB_6FBE	
	Key symbol	PB19NO+NC_4FS_SI (1)	PB19VB_6FSI (2)	PB19NO+NC_B12_6FSI
Large plate	Braille marking	PB19NO+NC_4FS_PBL	PB19VB_6FBL	



Connection by screw terminal

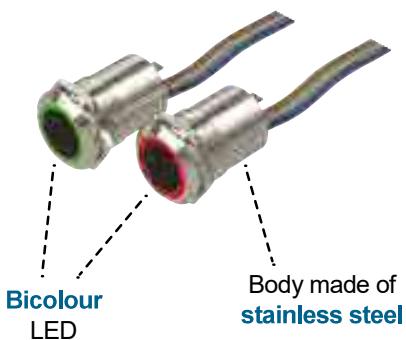
Diameter of the button		Ø 19 mm		
Contact		C/NO	C/NO/NC	
Switching capability		48V DC - 2 A	250V AC - 2 A / 24V DC - 1 A	
Input voltage		/	12V DC	
Lighting		/	blue	
Button only		PB19NO (4)	PB19NO+NC_ST	PB19NO+NC_B12_ST
Narrow plate	Braille marking		PB19NO+NC_ST_B (5)	PB19NO+NC_B12ST_B
	Key symbol		PB19NO+NC_ST_SI	PB19NO+NC_B12ST_SI (6)



Consider the references mentioned in these tables as standards.
If the combination you are looking for is not listed there, it is possible to compose your own tailored push buttons. See accessories on page 67.

Infrared

Diameter of the button	Ø 22 mm
Switching capability of the contact	30V DC - 1 A
Button only	PB22IR
Narrow plate	PB22IR_E
Large plate	PB22IR_L



Adjustable time delay
from 0,5 to 20 s



Contact C/NO/NC



12-24V DC



Accessories

Stainless steel mounting plates

Diameter of the button	Ø 19 mm	Ø 22 mm
Narrow	PBP19_4 ①	
	PBP19_3 ②	
Large		PBP22_IRE ④
	PBP19_B ③	PBP22_IRL ⑤



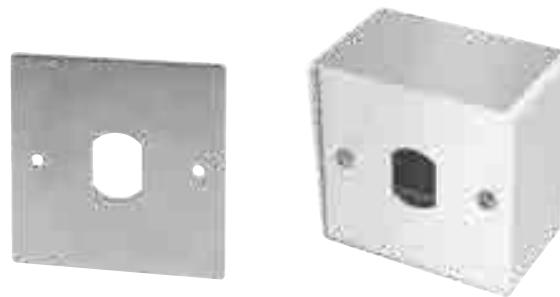
Surface mounting housings



PBHI1

PBHI2

Plate for head reader



PBP19_TL

PBP19_TL+PBHI2

Keep things simple with our kits!

For technical details, please refer to pages 65 and 66 (stainless steel and infrared).



PB19_BAPL

PB19_BAP



PB19VB_BAPL

PB19VB_BAP

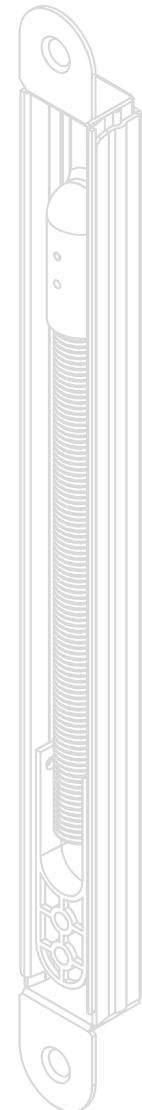
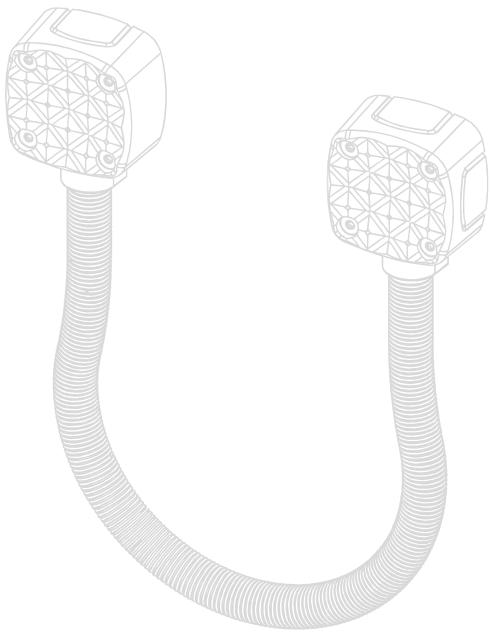
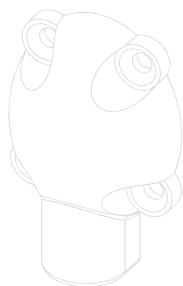


PB22IR_BAPL

PB22IR_BAP

Door loops

Used to transmit current, they protect your installations, adding aesthetic appeal.
Everything you need is included, to ensure perfect finishes.



Surface door loops EFLEX®

EFLEX1

Door loop

EFLEX-G1

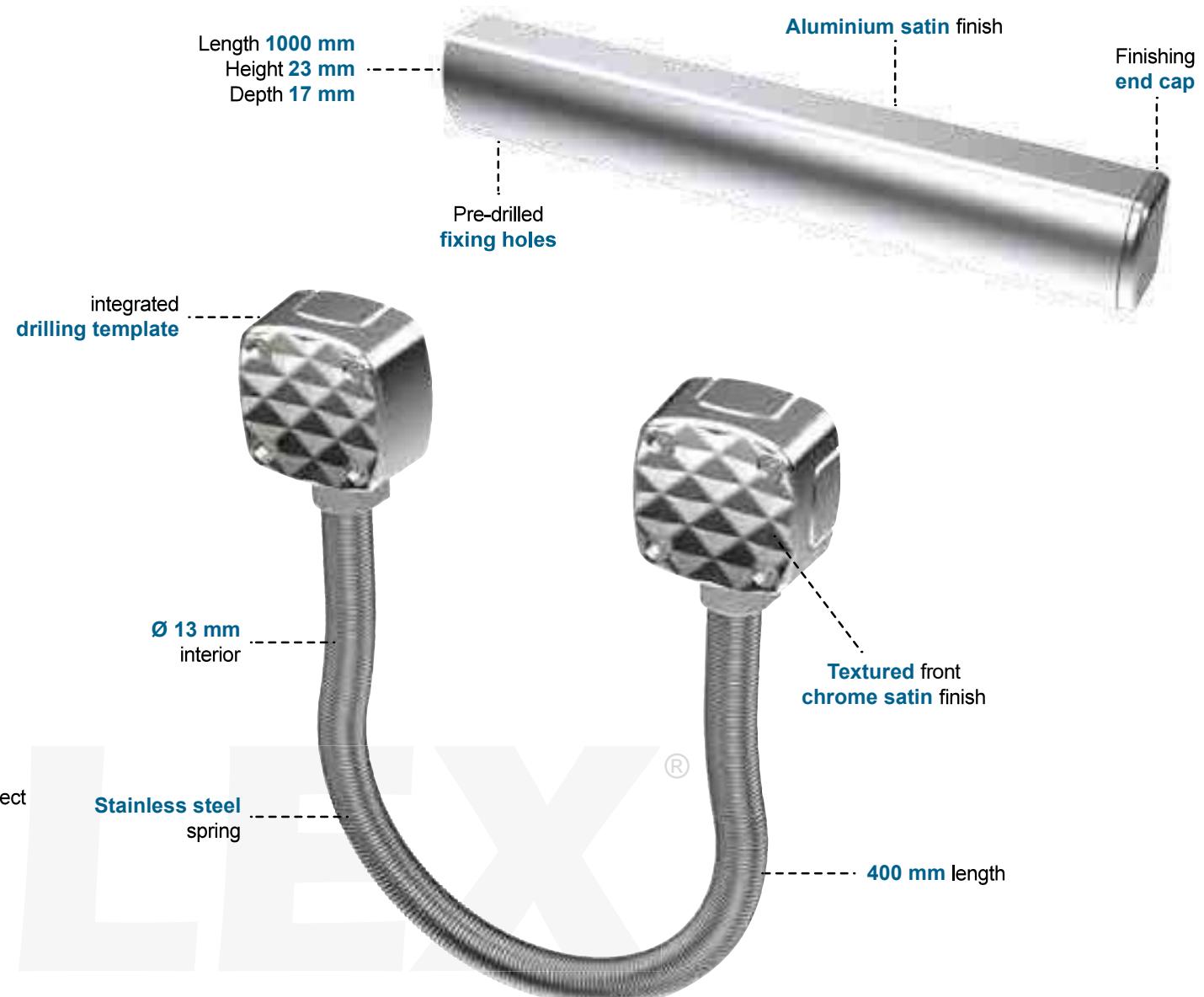
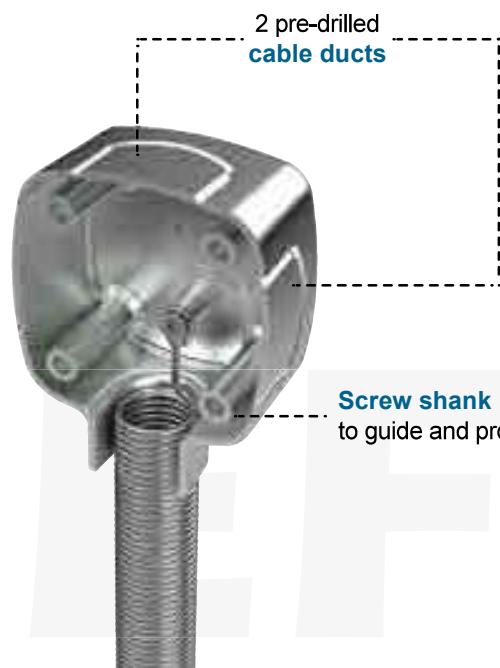
Aluminium cable duct 1 meter

EFLEX-L1

L bracket

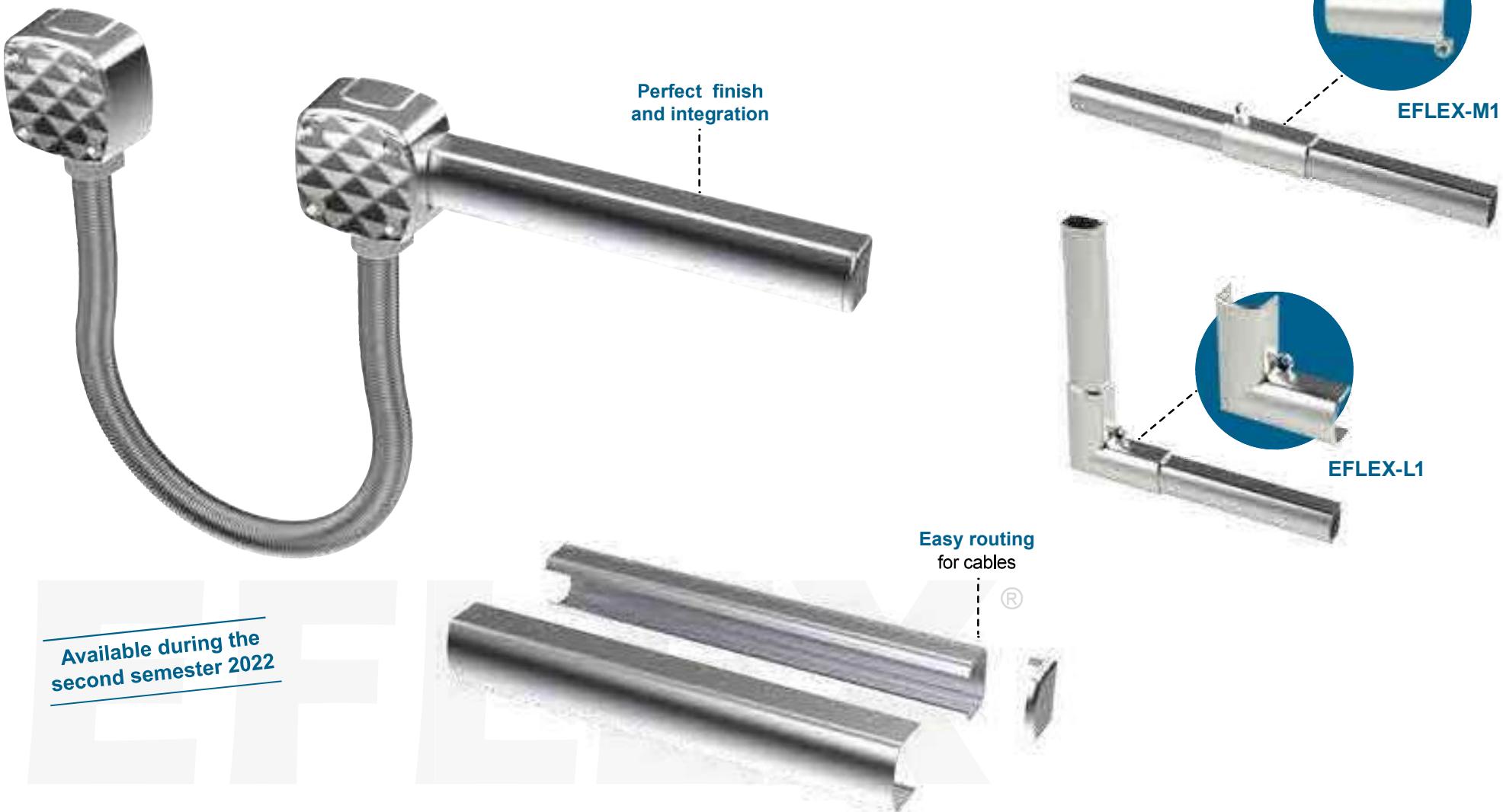
EFLEX-M1

Covering sleeve



Surface door loops EFLEX®

Example of implementation



Surface door loops

Length	50 cm		30 cm
Ø interior	10 mm	7 mm	7 mm
White	DLB10	DLB7	
Black	DLN10	DLN7	
Stainless steel	DLI10	DLI7	DLI7/30
	DLRI10*		
	DLRI10EC* ①		

*Reinforced loop



Door loops in roll

End caps sold by 20 pieces.

Ø intérieur		10 mm	7 mm
White	Rolls	RLB10	RLB7
	End caps	ECRLB10	ECRLB7
Black	Rolls	RLN10	RLN7
	End caps	ECRLN10	ECRLN7
Stainless steel	Rolls	RLI10	RLI7
	End caps	ECRLI10	ECRLI7



Mortice door loops

Spring	170 mm	210 mm	390 mm
Opening angle	90°	110°	180°
References	DLMC170	DLMC210	DLMC390

Stainless steel mortice casing
adjustable from 260 to 480 mm

