



CONNECT AND PROTECT

Locking System

White paper


nVent

HOFFMAN

Whitepaper

LOCKING
SYSTEM

Preface

In terms of metal cabinets, enclosures and panels, most locking devices evolved from domestic/architectural designs or were based on products developed for the motor industry. It was only with the advent of CNC technology that panel builders would start to benefit from modular approach to design and produce locks specifically for the enclosures industry.

The advent of CNC technology prompted a major change in the way the panel and the enclosures were produced and allowed the manufactures to design and mass-produce cabinets that would accept the new breed of modular, interchangeable access hardware that had recently become available to panel builders. This means that different quarter-turn locks, lever and handle tee could be specified and it would all fit the same, single panel cut-out.

Enclosures are all around us and are a generic term for a lockable industrial box that protect mechanical or electrical equipment.

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Introduction

As a specialist manufacturer of enclosures, our company supplies a wide variety of enclosures for industrial and OEM applications. Our product range is extensive and includes different types of enclosures and many bespoke solutions, in order to meet diverse requirements.

We offer a wide range of locking systems, designed for quick closure, secure in applications where vibration, sealing and quality are essential, designed to suit specific installation requirements and applications.

Easy Integration

Because of the huge range of available locking options, it is possible that there is a solution for virtually any application. However, following points should be considered:

- Material:
 - Polyamide (PA) – most cost-effective;
 - Zinc die cast – more robust than PA;
 - Stainless Steel – stronger and corrosion resistant;
- IP sealing;
- Compatibility between locks and inserts;
- For right or left use;
- Industrial applications.

Benefits

These latches deliver affordable simplicity, including quick access with just a quarter-turn, and versatility of multiple body materials.

- Available in multiple sizes in order to provide strength, grip, and appropriate pull-up compression for a large variety of door sizes;
- Numerous head styles providing a wide range of access management security;
- Multiple pawl options and adjustable pawl positioning enabling a single latch model to accommodate a wide variety of grip dimensions;
- Some styles available in locking models for more secure access control;
- Some models available for use in NEMA 4 and IP-65 or IP-66 applications;
- Single-hole mounting, easy to install;
- Models available to accommodate 2- and 3-point compression latching.

Floor Standing | Mild steel

The locking system is compatible with locking inserts and is equipped with an enhanced security ‘click’ indicator which makes users aware that the locking system is either fully opened or closed.



Standard lock cover DB3

The standard cover for mild steel enclosures is made in plastic using RAL 5013 finishing. The lock comes with transparent covers at the top and bottom.

These covers can be removed in order to insert the company name or logo, which then is secured into position by remounting the transparent cover.

 **For control mechanism**

 **For insert**

LLH500

Alternative inserts for standard lock cover

Lock inserts can substitute the standard insert. Inserts have a chrome finish.

	LI503	Lock insert, 3 mm double bit
	LI505	Lock insert, 5 mm double bit
	LI523	Lock insert, 7 mm square
	LI524	Lock insert, 8 mm square
	LI526	Lock insert, 7 mm triangle
	LI527	Lock insert, 8 mm triangle
	LI530	Lock insert, Daimler Benz



Handles

The lift handles are very durable and give high performance for a fairly long period.

They can be used with the corresponding design of door and frame for left or right hinged doors. The locking system can be exchanged quick and easily.

Available handles:



LLH501

LLH503

Lift handle compatible with round cylinder

The lifting handles for mild steel enclosures are made in Zamak and use RAL 5013 finishing. The lift handles enhance the smooth motion when opening and closing the enclosure door even further. The lifting handle is available with or without padlocking.

 **For control mechanism**

 **For Round cylinder**

 **Can be or is equipped with padlock**

Available round cylinder:

The lift handle must be completed with an insert. The insert will be chosen based on the customer requirements from the project.

 **LHC522** Ronis round prof cyl. Key 21323C

 **LHC523** Cylinder insert, 7 mm square

 **LHC524** Cylinder insert, 8 mm square

 **LHC526** Cylinder insert, 7 mm triangle

 **LHC527** Cylinder insert, 8 mm triangle

 **LHC528** Insert DIN 3 mm

 **LHC529** Insert DIN 5 mm

 **LHC530** Cylinder insert, Daimler Benz

 **LHC536** Push button insert

Note: See annex 2.

Floor Standing | Mild steel

		Lift handle compatible with half cylinder
		The lifting handles for mild steel enclosures are made in Zamak and use RAL 5013 finishing. The lift handles enhance the smooth motion when opening and closing the enclosure door even further.
		The lifting handle is available with or without padlocking.
		 For control mechanism
		 For half cylinder
		 Can be or is equipped with padlock
LLH502	LLH504	
		Available half cylinder:
		The lift handle must be completed with an insert. The insert will be chosen, based on customer requirements in the project.
	LHC521	Ronis half prof cyl. Key 21323C
	LHC533	Cylinder insert, VW (no key)
	LHC534	Adapter half prof cyl DIN18252
	LHC535	Adapter Assa Abloy cylinders
	LHC5212132E	Ronis half prof cyl. Key 2132E
	LHC5213121E	Ronis half prof cyl. 3113A
		Note 1: See annex 2.
	Note 2 : The locking system is compatible with other RONIS half cylinders. To use a different half cylinder, a plastic adapter must be ordered. The adapter is available as accessory in our portfolio.	

Floor Standing | Mild steel

		T-handle
		The T-handle is made in plastic using RAL 5013 finishing. This T-handle replaces the standard door lock cover and is available in two versions.
		 For control mechanism
		T-handle with key
	LLTH560	T-handle, key C21323
	LLTH5602132E	T-handle, key 2132E
	LLTH5603121E	T-handle, key 3121E
	LLTH5603524E	T-handle, key 3524E
		Note: See annex 2.
		T-handle without key
	LLTH560CE	T-handle, without cylinder

Floor Standing | Stainless steel

The locking system is compatible with locking inserts and is equipped with an enhanced security 'click' indicator which makes users aware that the locking system is either fully opened or closed.



Standard lock cover

The standard cover for stainless steel enclosures is made in stainless steel.

Replacement part number S3224 (see replacement catalogue), minimum order quantity - 10 pcs.

 For control mechanism

 For insert

Alternative inserts for standard lock cover

Lock inserts can substitute the standard insert. Inserts have a chrome finish.

	LI503	Lock insert, 3 mm double bit
	LI505	Lock insert, 5 mm double bit
	LI523	Lock insert, 7 mm square
	LI524	Lock insert, 8 mm square
	LI526	Lock insert, 7 mm triangle
	LI527	Lock insert, 8 mm triangle
	LI530	Lock insert, Daimler Benz

Floor Standing | Stainless steel



Handles

The lift handles are very durable and give high performance for a fairly long period.

Handles can be used with the corresponding design of door and frame for left or right hinged doors. The locking system can be exchanged quick and easily.

Available handles:



Floor Standing | Stainless steel



Lift handle compatible with round cylinder

The lifting handle for stainless steel enclosures is made in Zamak and with stainless steel finishing. The lift handles enhance the smooth motion when opening and closing the enclosure door even further.



For control mechanism



For round cylinder

LLHS501

Available round cylinder:		
The lift handle must be completed with an insert. The insert will be chosen based on the customer requirements from the project.		
	LHC522	Ronis round prof cyl. Key 21323C
	LHC523	Cylinder insert, 7 mm square
	LHC524	Cylinder insert, 8 mm square
	LHC526	Cylinder insert, 7 mm triangle
	LHC527	Cylinder insert, 8 mm triangle
	LHC528	Insert DIN 3 mm
	LHC529	Insert DIN 5 mm
	LHC530	Cylinder insert, Daimler Benz
	LHC536	Push button insert
Note: See Annex 2.		

Floor Standing | Stainless steel



Lift handle compatible with half cylinder

The lifting handles for stainless steel enclosures are made in Zamak and stainless steel finishing. The lift handles enhance the smooth motion when opening and closing the enclosure door even further.

The lifting handle is available with or without padlocking.



For control mechanism



For half cylinder

LLHS502

Available half cylinder:		
The lift handle must be completed with an insert. The insert will be chosen, based on customer requirements in the project.		
	LHC521	Ronis half prof cyl. Key 21323C
	LHC533	Cylinder insert, VW (no key)
	LHC534	Adapter half prof cyl DIN18252
	LHC535	Adapter Assa Abloy cylinders
	LHC5212132E	Ronis half prof cyl. Key 2132E
	LHC5213121E	Ronis half prof cyl. 3113A
Note 1: See Annex 2.		
	Note 2 : The locking system is compatible with other RONIS half cylinders. To use a different half cylinder, a plastic adapter must be ordered. The adapter is available as accessory in our portfolio.	

Floor Standing | Stainless steel

T-handle  The T-handle is made in plastic using RAL 5013 finishing. This T-handle replaces the standard door lock cover and is available in two versions.		
 For control mechanism		
T-handle with key		
	LLTH560	T-handle, key C21323
	LLTH5602132E	T-handle, key 2132E
	LLTH5603121E	T-handle, key 3121E
	LLTH5603524E	T-handle, key 3524E
Note: See Annex 2.		
T-handle without key		
	LLTH560CE	T-handle, without cylinder

Floor Standing | Aluminium, Compact version

The Swing handles nest into the housing for minimal protrusion and pops-up to swing smoothly for easy latch actuation. Robust die-cast zinc construction provides durable, corrosion-resistant performance, with optional gasketing for indoor or outdoor use.

Standard Swing Handle  Swing handle for 40 mm profile half cylinder zinc die black powder coated, cap polyamide black, with seal.		
 For control mechanism		
 For half cylinder		
 Handle rotation		
LSC505		
Swing Handle With Padlocking  Swing handle for 40 mm profile half cylinder AISI 316, shaft and padlock shackle AISI 303, cap polyamide black, with seal.		
 For control mechanism		
 For half cylinder		
 Handle rotation		
 With padlock		
LSC506		

Standard Insert For Swing Handle Half cylinder with round cylinder zinc-died, stainless steel cap and dust cap. The key is only removable in locked position, spring loaded return of latch into locked position.		
	EKOMLKIN01	Half cylinder

Floor Standing | Aluminium, Combinable version



Lift handle compatible with half cylinder

The lifting handles for aluminium enclosures are made in Zamak and stainless steel finishing. The lift handles enhance the smooth motion when opening and closing the enclosure door even further.

The lifting handle is available with or without padlocking.

**For control mechanism**

**For half cylinder**

LLHS502

Available half cylinder:

The lift handle must be completed with an insert. The insert will be chosen, based on customer requirements in the project.

	LHC521	Ronis half prof cyl. Key 21323C
	LHC533	Cylinder insert, VW (no key)
	LHC534	Adapter half prof cyl DIN18252
	LHC535	Adapter Assa Abloy cylinders
	LHC5212132E	Ronis half prof cyl. Key 2132E
	LHC5213121E	Ronis half prof cyl. 3113A

Note 1: See Annex 2.



Note 2 : The locking system is compatible with other RONIS half cylinders. To use a different half cylinder, a plastic adapter must be ordered. The adapter is available as accessory in our portfolio.

Wall Mounted | Mild steel

Quarter-turn lock for right or left deployment. The lock can be installed pre-assembled. The fastening nut provides earthing by scratching the door paint. Installation into a single punched hole.



Standard Cam Lock

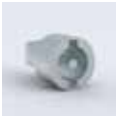
The body of these locks is manufactured from Zamak in RAL 9005 finishing. The cam pulls the door closed using a light compression force.

**Protection degree IP 66**

**Universal LH / RH**

ALL503N

Alternative inserts for standard cam lock

	ALIS503	Lock insert DIN 3 mm zamak chrome plated
	ALIS505	Lock insert DIN 5 mm zamak chrome plated
	ALIS523	Lock insert square 7 mm zamak chrome plated
	ALIS524	Lock insert triangle 8 mm zamak chrome plated
	ALIS525	Lock insert square 8 mm zamak chrome plated
	ALIS528	Lock insert slotted 2x4 mm zamak chrome plated

Wall Mounted | Mild steel

Alternative Cam lock

Cam Locks are designed for a wide variety of applications including drawers, doors, access panels, storage boxes and so on. These alternative CAM locks can replace the standard lock, using the same cutout.

ALL508 - Lock, chrome, Ronis key M21323

Not suitable for MAD, because there is quite some resistance for the small key. Body too long (20 mm instead of 18 mm).



Protection degree IP 65



Universal LH / RH



ALL509 - Lock, polyamide, Ronis key 5333

Not suitable for MAD, because there is quite some resistance for the small key. Body too long (20 mm instead of 18 mm).



Protection degree IP 65



Universal LH / RH



ALL510N - Lock, Ronis C21323

Not suitable for MAD, because there is quite some resistance for the small key.



Protection degree IP 65



Universal LH / RH



ALLS304 - Lock Stainless steel, DIN 3 mm



Protection degree IP 65



Universal LH / RH



ALLS316 - Lock Stainless steel 316L, DIN 3 mm



Protection degree IP 66



Universal LH / RH



Wall Mounted | Mild steel

Alternative T-handle And Wing Knob

Universal: Clockwise or counter-clockwise rotation when opening or closing. Compatible with the cutout from the standard lock. Ergonomic design enables firm grip when pulled. Supplied with two keys.

ALT560 - T-handle, plastic



Protection degree IP 66



Universal LH / RH



ALT561 - T-handle, chrome, Ronis key M21323



Protection degree IP 65



Universal LH / RH



ALT562 - Compact Wing knob, chrome, Ronis key M21323



Protection degree IP 65



Universal LH / RH



ALT563 - Compact Wing knob, plastic, Ronis key 5333



Protection degree IP 65



Universal LH / RH



Wall Mounted | Mild steel

	ALT564 - Wing knob for padlock, zinc die black coated
	 Protection degree IP 66
	ALT565 - Handle for half cylinder, plastic
	 Protection degree IP 65
	Universal LH / RH
	 The handle must be completed with an insert acc. to DIN 18252.

Wall Mounted | Mild steel

Swing Handle ALS500		
	To replace the standard lock, an additional hole Ø 46 mm is required, removing the door profile on the lock side and notch from standard latch.	
	 Protection degree IP 65	
	 For cam lock	
	 For round cylinder	
	 Universal LH / RH	
Available half cylinder:		
The Swing handle must be completed with an insert. The insert will be chosen based on the customer requirements from the project.		
	LSSU521	Half cylinder Ronis 21323C
	LSSU522	Ronis Round Prof inserts 21323C
	LSSU523	Half cylinder Square 7 mm
	LSSU524	Half cylinder Square 8 mm
	LSSU526	Half cylinder Triangle 7 mm
	LSSU527	Half cylinder Triangle 8 mm
	LSSU528	Half cylinder DIN 3 mm
	LSSU529	Half cylinder DIN 5 mm
	LSSU530	Half cylinder
Note: Other keys are available on request		

Wall Mounted | Mild steel

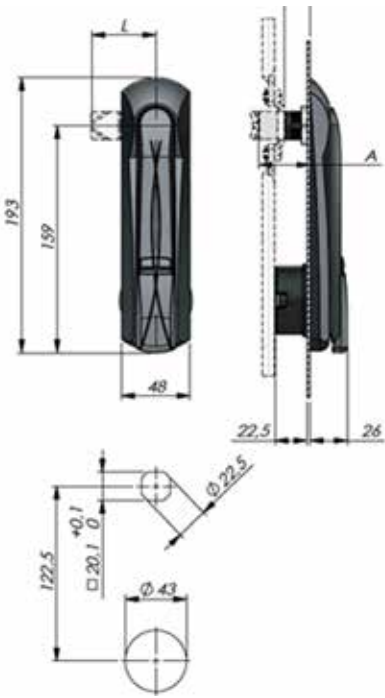


ALS535

Swing Handle for Scandinavian Oval Cylinder

To replace the standard lock. Swing handle for 6- or 7-pin cylinder. Glass fiber reinforced polyamide, black. Integrated PUR gasket. Equipped with a soft cover to protect the cylinder from dust and rain. An additional hole Ø 43 mm is required, removal of the door profile on the lock side and removal of the cam with stopper from the standard lock.

- Protection degree IP 65
- For cam lock
- For ASSA cylinder
- Universal LH / RH
- Handle rotation



Available half cylinder:

Insert:
The swing handle must be completed with a Scandinavian oval 6- or 7-pin cylinder. The insert will be chosen based on the customer requirements from the project.

Cam:
A cam without stopper is required.

Wall Mounted | Stainless steel

Quarter-turn lock for right or left deployment. The lock can be installed pre-assembled. The fastening nut is an earthing nut with teeth on one side and allows installation into a single punched hole.

Standard Cam Lock



ALLS503N

The body of these locks is manufactured from Zamak finishing. The cam pulls the door closed using a light compression force.

- Protection degree IP 66
- Universal LH / RH

Alternative inserts for standard cam lock

	ALIS503	Lock insert DIN 3 mm zamak chrome plated
	ALIS505	Lock insert DIN 5 mm zamak chrome plated
	ALIS523	Lock insert square 7 mm zamak chrome plated
	ALIS524	Lock insert triangle 8 mm zamak chrome plated
	ALIS525	Lock insert square 8 mm zamak chrome plated
	ALIS528	Lock insert slotted 2x4 mm zamak chrome plated

Wall Mounted | Stainless steel

Alternative Cam lock

Cam Locks are designed for a wide variety of applications including drawers, doors, access panels, storage boxes and so on. These alternative CAM locks can replace the standard lock, using the same cutout.

ALL508 - Lock, chrome, Ronis key M21323

Not suitable for MAD, because there is quite some resistance for the small key. Body too long (20 mm instead of 18 mm).



Protection degree IP 65



Universal LH / RH

ALL509 - Lock, polyamide, Ronis key 5333

Not suitable for MAD, because there is quite some resistance for the small key. Body too long (20 mm instead of 18 mm).



Protection degree IP 65



Universal LH / RH

ALL510 - Lock, Ronis C21323

Not suitable for MAD, because there is quite some resistance for the small key.



Protection degree IP 65



Universal LH / RH

ALLS304 - Lock Stainless steel, DIN 3 mm



Protection degree IP 65



Universal LH / RH

ALLS316 - Lock Stainless steel 316L, DIN 3 mm



Protection degree IP 66



Universal LH / RH

Wall Mounted | Stainless steel

Alternative T-handle And Wing Knob

Universal: Clockwise or counter-clockwise rotation when opening or closing. Compatible with the cutout from the standard lock. Ergonomic design enables firm grip when pulled. Supplied with two keys.

ALT560 - T-handle, plastic

Not suitable for AFS, due to missing quarter-turn limitation.



Protection degree IP 66



Universal LH / RH

ALT561-316 T-Handle, AISI 316, key 333



Protection degree IP 65



Universal LH / RH

ALT562 - Compact Wing knob, chrome, Ronis key M21323



Protection degree IP 65



Universal LH / RH

ALT563 - Compact Wing knob, plastic, Ronis key 5333



Protection degree IP 65



Universal LH / RH

ALT564-316 - Wing knob for padlock, stainless steel 316



Protection degree IP 65



Universal LH / RH

Wall Mounted | Stainless steel

Swing Handle ALS500



To replace the standard lock, an additional hole Ø 46 mm is required, removing the door profile on the lock side and notch from standard latch.

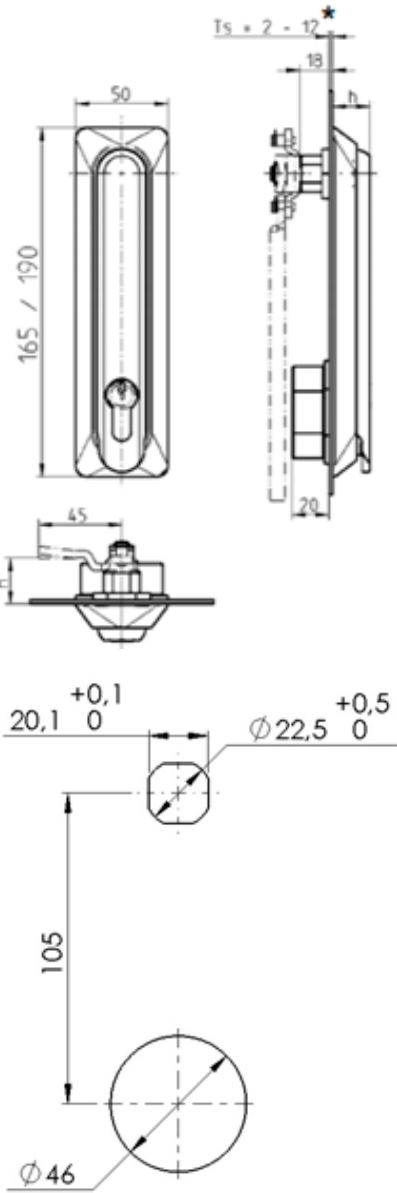
- Protection degree IP 65**
- For cam lock**
- For half cylinder**
- Universal LH / RH**
- Handle rotation**

Available half cylinder:

The Swing handle must be completed with an insert. The insert will be chosen based on the customer requirements from the project.

	LSSU521	Half cylinder Ronis 21323C
	LSSU522	Ronis Round Prof inserts 21323C
	LSSU523	Half cylinder Square 7 mm
	LSSU524	Half cylinder Square 8 mm
	LSSU526	Half cylinder Triangle 7 mm
	LSSU527	Half cylinder Triangle 8 mm
	LSSU528	Half cylinder DIN 3 mm
	LSSU529	Half cylinder DIN 5 mm
	LSSU530	Half cylinder

Note: Other keys are available on request



Wall Mounted | Stainless steel

Swing Handle for Scandinavian Oval Cylinder



ALS535

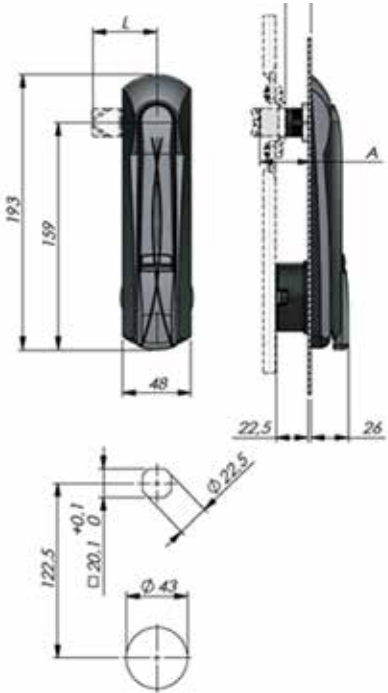
To replace the standard lock. Swing handle for 6- or 7-pin cylinder. Glass fiber reinforced polyamide, black. Integrated PUR gasket. Equipped with a soft cover to protect the cylinder from dust and rain. An additional hole Ø 43 mm is required, removal of the door profile on the lock side and removal of the cam with stopper from the standard lock.

- Protection degree IP 65**
- For cam lock**
- For ASSA cylinder**
- Universal LH / RH**
- Handle rotation**

Available half cylinder:

Insert:
The swing handle must be completed with a Scandinavian oval 6- or 7-pin cylinder. The insert will be chosen based on the customer requirements from the project.

Cam:
A cam without stopper is required.



Wall Mounted | Polyester Compact

Quarter-turn lock for right or left deployment. The lock can be installed pre-assembled. The fastening nut is an earthing nut with teeth one side. It allows installation into a single punched hole.

Standard Cam Lock

The body of these locks is manufactured from black polyamide. The cam pulls the door closed using a light compression force.



Alternative Inserts For Cam Lock For UCP/UCPT 320 And 430

Lock inserts can substitute the standard insert. Inserts have a chrome finish.

	ALIS503	Lock insert DIN 3 mm zamak chrome plated
	ALIS505	Lock insert DIN 5 mm zamak chrome plated
	ALIS523	Lock insert square 7 mm zamak chrome plated
	ALIS524	Lock insert triangle 8 mm zamak chrome plated
	ALIS525	Lock insert square 8 mm zamak chrome plated
	ALIS528	Lock insert slotted 2x4 mm zamak chrome plated

Alternative Inserts For Cam Lock For UCP/UCPT ≥ 540

Lock inserts can substitute the standard insert. Inserts have a chrome finish.

	LSI503	Insert DIN 3 without cover
	LSI505	Insert DIN 5 without cover
	LSI523	Insert square 7 mm without cover
	LSI524	Insert square 8 mm
	LSI526	Insert triangular 7 mm
	LSI527	Lock triangularcar 8 mm
	LSI530	Insert Daimler Benz

Wall Mounted | Polyester Compact



ALL503N

Alternative Cam lock

Cam Locks are designed for a wide variety of applications including drawers, doors, access panels, storage boxes and so on. These alternative CAM locks can replace the standard lock, using the same cutout.

Alternative Inserts For Cam Lock

	ALIS503	Lock insert DIN 3 mm zamak chrome plated
	ALIS505	Lock insert DIN 5 mm zamak chrome plated
	ALIS523	Lock insert square 7 mm zamak chrome plated
	ALIS524	Lock insert triangle 8 mm zamak chrome plated
	ALIS525	Lock insert square 8 mm zamak chrome plated
	ALIS528	Lock insert slotted 2x4 mm zamak chrome plated

Wall Mounted | Polyester Compact

Alternative T-handle And Wing Knob

Universal: Clockwise or counter-clockwise rotation when opening or closing. Compatible with the cutout from the standard lock. Ergonomic design enables firm grip when pulled. Supplied with two keys.

ALT560 - T-handle, plastic



Protection degree IP 66



Universal LH / RH

ALT561 - T-handle, chrome, Ronis key M21323



Protection degree IP 65



Universal LH / RH

ALT562 - Compact Wing knob, chrome, Ronis key M21323



Protection degree IP 65



Universal LH / RH

ALT563 - Compact Wing knob, plastic, Ronis key 5333



Protection degree IP 65



Universal LH / RH

Wall Mounted | Polyester Compact

Handles

The handles are used as an option to promote enclosure security. The handle provides quick and easy access to the enclosure content.

Available handles:

- Neutral handle with or without key;
- Handle for half cylinder for UCP320 and UCP430;
- Handle for half cylinder with or without padlocking for enclosures H ≥ 540 mm;



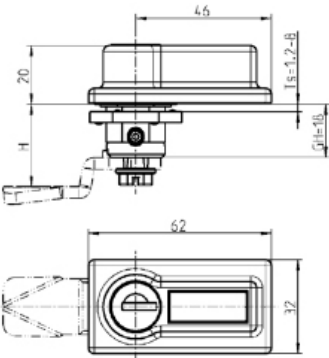
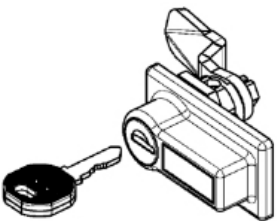
Neutral Handle

The Neutral Handles can replace the standard lock on all enclosures, using the same cutout. The handle is made out of black polyamide.



UDH0C
without key

UDH1C
with key



Wall Mounted | Polyester Compact

Handle For Half Cylinder
UCP320 and UCP/UCPT430



Swing handle for half cylinder: polyamide, black, with seal. Cylinder cover: polyamide. Additional holes required, see drawing.



For cam lock

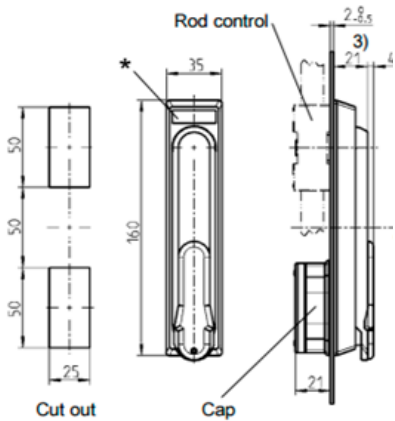


For half cylinder



Handle rotation

UDH2CS



Available half cylinder:

The Swing handle must be completed with an insert. The insert will be chosen based on the customer requirements from the project.



LSSU521

Half cylinder Ronis 21323C



LSSU522

Ronis Round Prof inserts 21323C



LSSU523

Half cylinder Square 7 mm



LSSU524

Half cylinder Square 8 mm



LSSU526

Half cylinder Triangle 7 mm



LSSU527

Half cylinder Triangle 8 mm



LSSU528

Half cylinder DIN 3 mm



LSSU529

Half cylinder DIN 5 mm



LSSU530

Half cylinder Daimler Benz

Wall Mounted | Polyester Compact

Handle for half cylinder UCP/UCPT ≥ 540 mm



UDH2C

UDH3C

Swing handle for half cylinder: polyamide, black, with seal. Cylinder cover: polyamide. Additional holes required.



For control mechanism



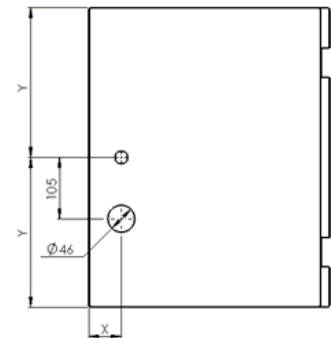
For half cylinder



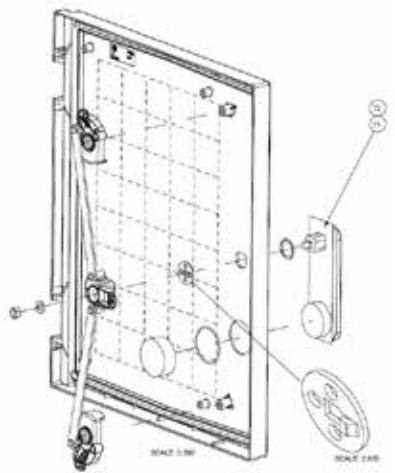
Can be or is equipped with padlock

Available half cylinder:

The Swing handle must be completed with an insert. The insert will be chosen based on the customer requirements from the project.



Type/Dim (mm)	X	Y
UCP/UCPT 540	56	257
UCP/UCPT 640	56	307
UCP/UCPT 750	64	367
UCP/UCPT 860	64	417
UCP/UCPT 1080	64	517



LSSU521

Half cylinder Ronis 21323C



LSSU522

Ronis Round Prof inserts 21323C



LSSU523

Half cylinder Square 7 mm



LSSU524

Half cylinder Square 8 mm



LSSU526

Half cylinder Triangle 7 mm



LSSU527

Half cylinder Triangle 8 mm



LSSU528

Half cylinder DIN 3 mm



LSSU529

Half cylinder DIN 5 mm



LSSU530

Half cylinder Daimler Benz

Wall Mounted | Polyester Modular

The handles are used as an option to promote enclosure security. The handle provides quick and easy access to the enclosure contents.

Standard Swing Handle



Swing handle for half cylinder: polyamide, black, with seal. Cylinder cover: polyamide. Additional holes required.



For control mechanism



For half cylinder

UDH01

Available half cylinder:

The Swing handle must be completed with an insert. The insert will be chosen based on the customer requirements from the project.



LSSU521

Half cylinder Ronis 21323C



LSSU522

Ronis Round Prof inserts 21323C



LSSU523

Half cylinder Square 7 mm



LSSU524

Half cylinder Square 8 mm



LSSU526

Half cylinder Triangle 7 mm



LSSU527

Half cylinder Triangle 8 mm



LSSU528

Half cylinder DIN 3 mm



LSSU529

Half cylinder DIN 5 mm



LSSU530

Half cylinder Daimler Benz

Wall Mounted | Polyester Modular

Alternative Swing Handle

The handle provides quick and easy access to the enclosure contents

Available handles:

- Handle for two half cylinder lock;
- Handle with padlocking.

Handle for two half cylinder lock



Swing handle for half cylinder: polyamide, black, with seal. Shaft: zinc die-cast. Double cylinder with one key operation.



For control mechanism



For half cylinder

UDH02

Handle with padlock



Swing handle for half cylinder: polyamide, black, with seal. Shaft: zinc die-cast.



For control mechanism



For half cylinder



Can be or is equipped with padlock

UDH03

Wall Mounted | Aluminium Glazed Doors

The handles are used as an option to promote enclosure security. The handle provides quick and easy access to the enclosure content.

Lock For ADA Aluminium Glazed Door



ALL506: ADA Ronis key lock C21323
Generally, the existing latch of the aluminium door should be used.

- IP 65 protection
- Universal LH / RH

Lock For ADAB Aluminium Glazed Door



ALL507: ADAB Ronis key lock C21323
Generally, the existing latch of the aluminium door should be used.

- IP 65 protection
- Universal LH / RH

Wall Mounted | Aluminium Glazed Doors

Alternative T-handle And Wing Knob

Universal: Clockwise or counter-clockwise rotation when opening or closing. Compatible with the cutout from the standard lock. Ergonomic design enables firm grip when pulled. Supplied with two keys.



ALT560 - T-handle, plastic

- Protection degree IP 66
- Universal LH / RH



ALT561 - T-handle, chrome, Ronis key M21323

- Protection degree IP 65
- Universal LH / RH



ALT562 - Compact Wing knob, chrome, Ronis key M21323

- Protection degree IP 65
- Universal LH / RH



ALT563 - Compact Wing knob, plastic, Ronis key 5333

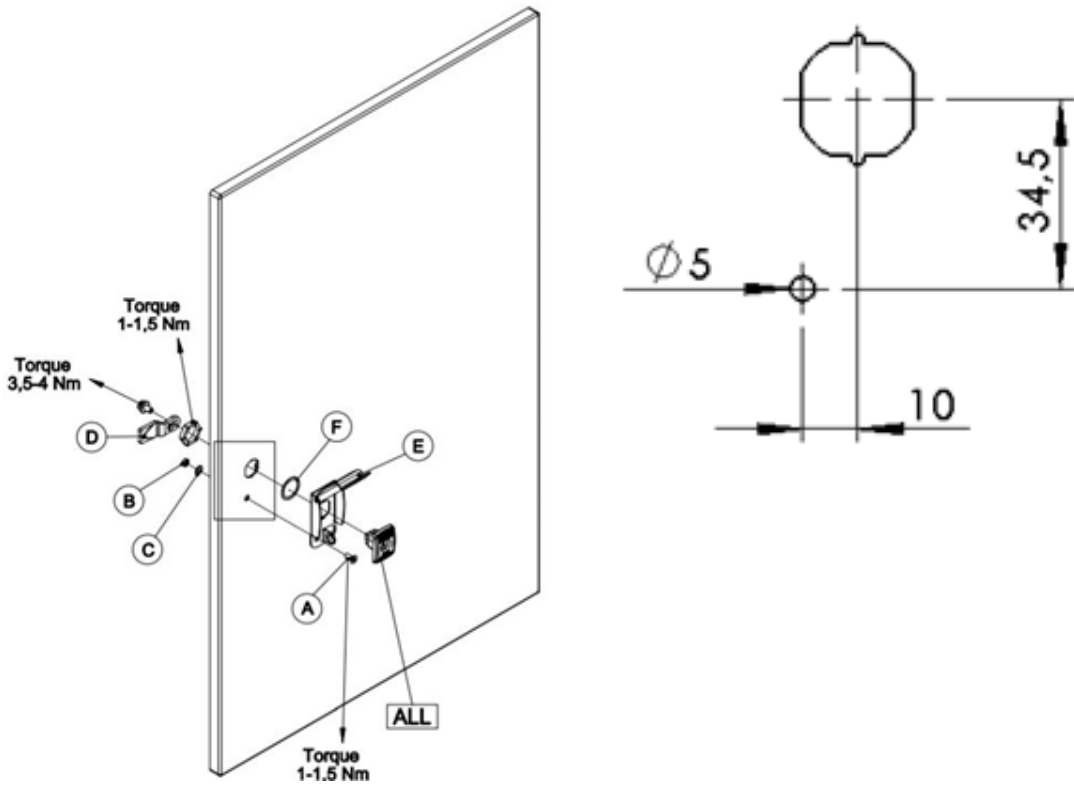
- Protection degree IP 65
- Universal LH / RH

Wall Mounted | Padlocking PLC01

The padlocking cover is mounted over the existing lock. The standard lock is totally covered and not accessible when padlock is fitted. Maximum padlock bow has a diameter of 10 mm.



Note: The customer need to drill and additional hole Ø 5 mm.



Alternative Keys

A key is usually intended to operate one specific lock or a small number of locks that are keyed alike.

Available keys:

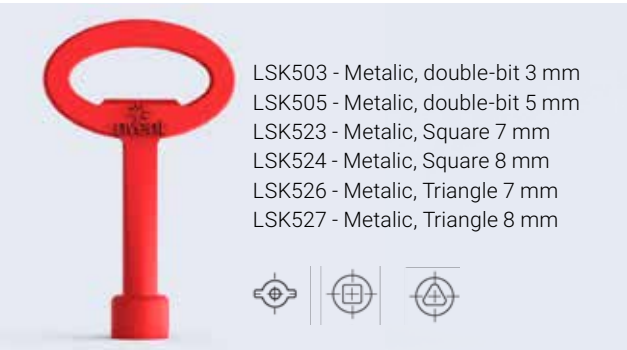
- Keys for standard inserts;
- Multikeys;
- Other keys available on request.

Key For Standard Inserts

The key will be chosen based on customer requirements from the project.



LSK502 – Plastic key, double-bit 3 mm



Multi-key

Multi-key with four key grip: Double bit 5 mm, Square 8 mm, Triangle 8 mm and Standard hexagonal adapter.
Material: zinc die-cast, in RAL 5010 finishing.



LSMK01

Annex 1

Other keys available on request

The key will be chosen based on the customer requirements from the project.



SLK1212E	Key NR 1212E	SLK3122E	Key NR 3122E
SLK1232E	Key NR 1232E	SLK3123E	Key NR 3123E
SLK1242E	Key NR 1242E	SLK3131A	Key NR 3131A
SLK21233C	Key NR 21233C (also for M-version)	SLK3131E	Key NR 3131E
SLK2123E	Key NR 2123E	SLK3132E	Key NR 3132E
SLK2131E	Key NR 2131E	SLK3232E	Key NR 3232E
SLK21323C	Key NR 21323C (also for M-version)	SLK3321E	Key NR 3321E
SLK2132E	Key NR 2132E	SLK3521E	Key NR 3521E
SLK2233	Key NR 2233	SLK455	Key NR 455
SLK2313E	Key NR 2313E	SLK528	Key DRIEHOEKJE 10
SLK2321E	Key NR 2321E	SLK555	Key NR 555
SLK2432E	Key NR 2432E	SLKEK333	Key NR EK333 (also for 1333 and 5333)
SLK3112E	Key NR 3112E	SLKEK401	Key NR EK401
SLK3121E	Key NR 3121E	SLKEK523	Key NR EK523

Minimum order quantity special key numbers: 100 pcs.

Annex 2

Available keys for
Floor Standing enclosures on request

Compatible with LLH502/LLHS502/LLH504 *

LHC5210405E	Key NR 0405E
LHC5210421E	Key NR 0421E
LHC5210455E	Key NR 0455E
LHC5210520E	Key NR 0520E
LHC5210610E	Key NR 0610E
LHC5211232E	Key NR 1232E
LHC5211242E	Key NR 1242E
LHC5211322E	Key NR 1322E
LHC5211332E	Key NR 1332E
LHC5212121E	Key NR 2121E
LHC5212124E	Key NR 2124E
LHC5212131A	Key NR 2131A
LHC5212131E	Key NR 2131E
LHC5212132A	Key NR 2132A
LHC5212132E	Key NR 2132E
LHC5212133E	Key NR 2133E
LHC5212241A	Key NR 2241A
LHC5212232A	Key NR 2232A
LHC5212313E	Key NR 2313E
LHC5212321E	Key NR 2321E
LHC5212331A	Key NR 2331A
LHC5212332A	Key NR 2332A
LHC5212424A	Key NR 2424A
LHC5212432A	Key NR 2432A
LHC5212432E	Key NR 2432E
LHC5212433A	Key NR 2433A
LHC5212433E	Key NR 2433E
LHC5213113A	Key NR 3113A
LHC5213121E	Key NR 3121E
LHC5213122A	Key NR 3122A
LHC5213122E	Key NR 3122E
LHC5213123E	Key NR 3123E
LHC5213132A	Key NR 3132A
LHC5213132E	Key NR 3132E
LHC5213231A	Key NR 3231A
LHC5213321E	Key NR 3321E
LHC5213432E	Key NR 3432E
LHC5213524E	Key NR 3524E
LHC5214322A	Key NR 4322A
LHC52131131C	Key NR 31131C
LHC52132432C	Key NR 32432C
LHC521EK333	Key NR EK333
LHC521EDF900	Key NR EDF900
LHC521EDF1300	Key NR EDF1300
LHC5213112E	Key NR 3112E

* Minimum order quantity 10 pcs.

Compatible with LLH501/LLHS501/LLH503 *

LHC5220405E	Key NR 0405E
LHC5220421E	Key NR 0421E
LHC5220455E	Key NR 0455E
LHC5220520E	Key NR 0520E
LHC5220610E	Key NR 0610E
LHC5221232E	Key NR 1232E
LHC5221242E	Key NR 1242E
LHC5221322E	Key NR 1322E
LHC5221332E	Key NR 1332E
LHC5222121E	Key NR 2121E
LHC5222124E	Key NR 2124E
LHC5222131A	Key NR 2131A
LHC5222131E	Key NR 2131E
LHC5222132A	Key NR 2132A
LHC5222132E	Key NR 2132E
LHC5222133E	Key NR 2133E
LHC5222241A	Key NR 2241A
LHC5222232A	Key NR 2232A
LHC5222313E	Key NR 2313E
LHC5222321E	Key NR 2321E
LHC5222331A	Key NR 2331A
LHC5222332A	Key NR 2332A
LHC5222424A	Key NR 2424A
LHC5222432A	Key NR 2432A
LHC5222432E	Key NR 2432E
LHC5222433A	Key NR 2433A
LHC5222433E	Key NR 2433E
LHC5223113A	Key NR 3113A
LHC5223121E	Key NR 3121E
LHC5223122A	Key NR 3122A
LHC5223122E	Key NR 3122E
LHC5223123E	Key NR 3123E
LHC5223132A	Key NR 3132A
LHC5223132E	Key NR 3132E
LHC5223231A	Key NR 3231A
LHC5223321E	Key NR 3321E
LHC5223432E	Key NR 3432E
LHC5223524E	Key NR 3524E
LHC5224322A	Key NR 4322A
LHC52231131C	Key NR 31131C
LHC52232432C	Key NR 32432C
LHC522EK333	Key NR EK333
LHC522EDF900	Key NR EDF900
LHC522EDF1300	Key NR EDF1300

Compatible with LLH502/LLHS502/LLH504 *

LHC5210405E	Key NR 0405E
LHC5210421E	Key NR 0421E
LHC5213122E	Key NR 3122E
LHC5213123E	Key NR 3123E
LHC5213132A	Key NR 3132A
LHC5213132E	Key NR 3132E

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