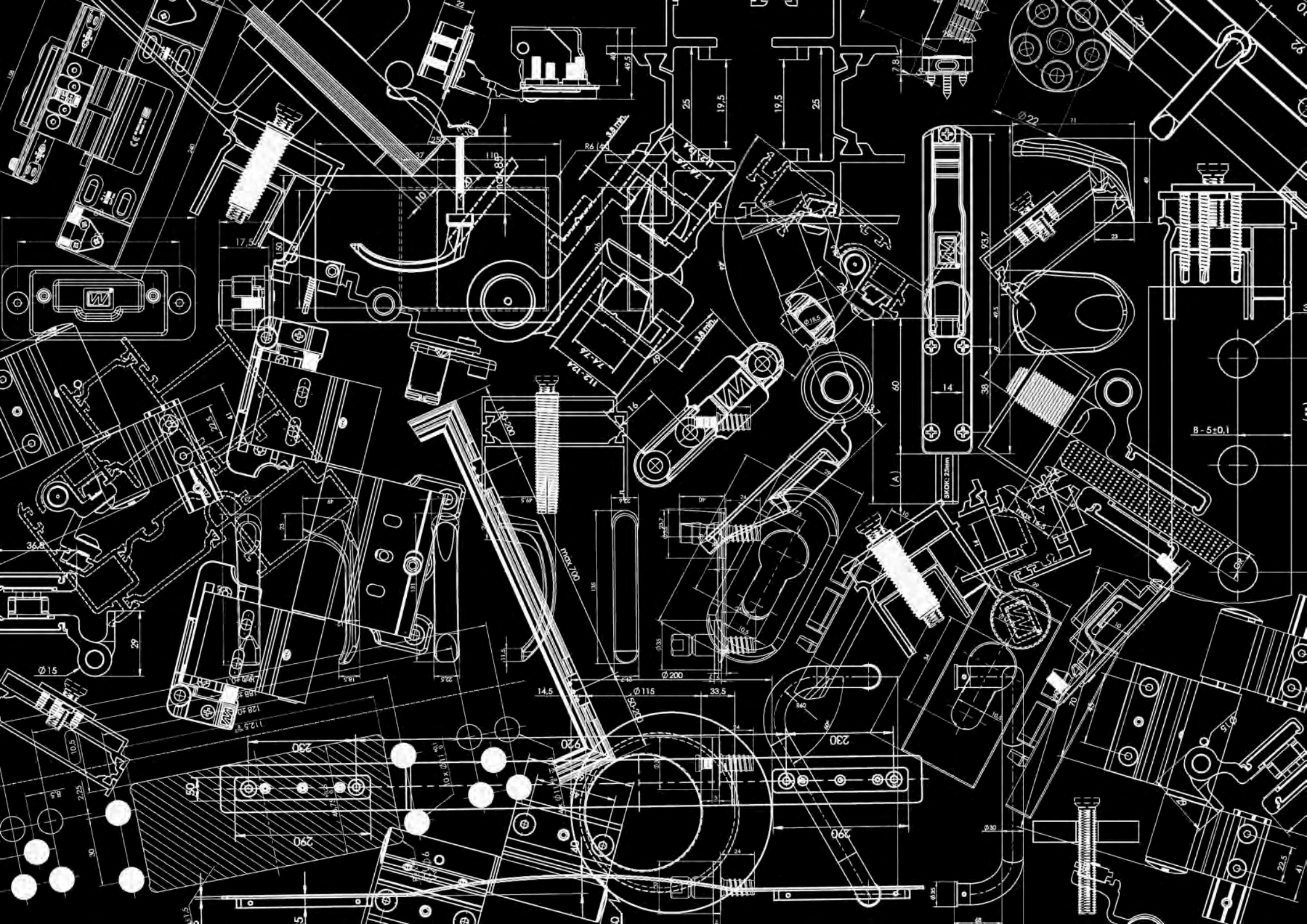



































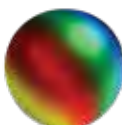













ACCES
CONTROL
SYSTEMS





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 STEEL 304	 BRUSHED	 SANDBLASTED	 POLISHED	 FINGERPRINT SCANNER					
 STEEL 316				 CODE KEYPAD					
				 SENSOR, MICROSENSOR, SWITCH, MICROSWITCH					
				 LED BACKLIGHT					
 ALUMINIUM	 RAL 7016	 RAL 7021	 RAL 7024	 RAL 9005	 RAL 8077	 RAL 8019	 RAL 8017	 RAL 8003	 1036W
	 RAL 9001	 RAL 9010	 RAL 9016	 RAL 7035	 RAL 9006	 SILVER	 CHROME	 CHROME MAT	
	 ANODE NATURAL	 C-0 ANODE NATURAL F-40	 C-35 ANODE BLACK F-40	 C-31 ANODE INOX F-40	 GOLD W3	 GOLD W4	 RAL	 INOX	 GOLDEN ELECTROPOLER
 WOOD	 GOLDEN OAK	 OAK	 LIGHT WALNUT	 DARK WALNUT	 PALISANDER	 BLACK			
 LED	 COLD WHITE	 WARM WHITE	 BLUE	 RED					

MAINTENANCE OF HANDLES

SELECTION OF STAINLESS STEEL AND MAINTENANCE OF STAINLESS STEEL HANDLES:

It is very important to select proper grade of stainless steel for the environment in which the handle will be used:

- **AISI 304:** it has anti-corrosion properties, resistant to normal conditions of use.
- **AISI 316:** acid-proof steel, containing molybdenum, which improves anti-corrosion properties. It is intended for heavily polluted or aggressive environments such as: industrial areas, coastal zones, swimming pools, rooms with high humidity and temperature, in which it is subjected to chemical agents, i.e. salts, acids and high temperatures.

Stainless steel handles are exposed to environmental pollutions, therefore on the surface of a handle may appear tarnish and discoloration looking like a rust. In order to keep the attractive look of the handle, we recommend regular cleaning and maintenance.

CLEANING:

Use special products designed for cleaning stainless steel, e.g.:

- 3M-Stainless Steel Cleaner & Polish foam – removes dirt and maintains the surface made of stainless steel, covers it with special protective coating which masks flaws and protects against dirt. Regular use makes cleaning easier.

WARNING! Never use for cleaning:

- strong powders or product with surface active properties (with the content of chlorides, acids, etc.)
- sharp cleaning materials (sandpaper, rough brushes) that can scratch or permanently damage surfaces.

PROPER USE AND MAINTENANCE OF STAINLESS STEEL HANDLES ENSURES AESTHETIC APPEARANCE AND GUARANTEES LONG-TERM USE!

INSTALLATION OF FLUSH PULL HANDLES

FLUSH PULL HANDLES WALA:

should be mounted in a steady and strongly way. It is recommended to glue them using two-component, quick-setting glue SikaFast ®-555 L05. It is a fast-curing adhesive with increased elasticity, developed to replace mechanical connecting techniques such as welding, riveting, screwing, etc.

Before gluing, make sure that the surface is clean, dry and free of dust and grease. If necessary, you can use Sika® Cleaner P to remove substances and impurities. In case of very smooth surfaces, you can increase the adhesion with Sika® ADPrep.

Spread the glue evenly around the handle and proceed immediately to its assembly - the glue opening time is 10 minutes. After this time, the joined surfaces should no longer be moved against each other. The fixing time of the glue in which initial strength can be achieved is approximately 25 minutes. Excess unhardened glue that appears after pressing the handle should be removed as soon as possible with a dry cloth with the addition of a solvent or similar. After hardening, the glue can only be removed mechanically. The optimum bonding temperature is in the range of 15 to 25°C and it affects the hardening speed of the glue.







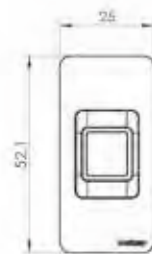
TYPE OF HANDLE	DP10 DP10R DP45 DP45R DQ10 DQ10R DQ45 DQ45R	DQS D90	OS90	P10 P44 P45 P45L		P10 P45	PA10 PA45 PA45L		P10D P44D P45D		Q45RX QA45RX	Q10 QA10 Q45 QA45 Q45RX QA45RX		Q10 Q45 Q45RX	Q10D QA10D Q45D QA45D Q45RXD QA45RXD		Q90 QA90 Q90C QA90C Q135 QA135		Q90D QA90D Q90CD QA90CD Q135D QA135D		GP PS PS-W	QS		KA1	K1 K2
TYPE TUBE	Ø45x25	Ø45x25	Ø40	Ø30	Ø40	Ø50	Ø30	Ø40	Ø30	Ø40	25x25	40x20	40x40	50x25	40x40	40x20	40x40	40x40	100x5	40x20	40x40				
Fingerprint scanner Ekey dLine	●	●	○	●	●	○	○	○	(●)	(●)	○	●	●	●	(●)	●	●	(●)	●	●	●	●	●	●	
Fingerprint scanner Idencom Inside	○	○	○	○	○	○	○	○	○	○	○	○	●	○	(●)	○	○	○	●	(●)	○	○	○	●	
Fingerprint scanner Idencom CMOS	●	●	○	○	○	○	○	○	○	○	○	●	●	●	(●)	●	●	(●)	●	●	●	○	●		
Fingerprint scanner Idencom Mini-X-App	●	●	○	○	○	○	○	○	○	○	○	●	●	●	(●)	●	●	(●)	●	●	●	○	●		
Fingerprint scanner Idencom	○	○	○	○	○	○	○	○	○	○	○	○	●	○	(●)	○	○	○	●	(●)	○	○	○	●	
Fingerprint scanner Navkom	●	●	○	●	●	○	○	○	(●)	(●)	○	●	●	●	(●)	●	●	(●)	●	●	●	○	○		
SOREX Unilock	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	PS	○	○	○	○		
Fingerprint scanner Idencom	○	○	○	○	○	○	○	○	○	○	○	○	●	○	(●)	○	○	○	●	(●)	○	○	○	●	
Radio fingerprint scanner FUHR	○	○	○	○	○	○	○	○	○	○	○	○	●	○	(●)	○	○	○	○	○	○	○	○	○	
Fingerprint scanner Sommer	○	○	○	○	○	○	○	○	○	○	○	○	●	○	(●)	○	○	○	○	○	○	○	○	○	
Fingerprint scanner Sommer	○	○	○	○	○	○	○	○	○	○	○	○	●	○	(●)	○	○	○	○	○	○	○	○	○	
Touch sensor	●	●	●	●	●	○	●	●	(●)	(●)	●	●	●	●	(●)	●	●	(●)	●	●	●	●	●	●	
Microsensor	●	●	●	●	●	○	●	●	(●)	(●)	●	●	●	●	(●)	●	●	(●)	●	●	●	●	●	●	
Microswitch	●	●	●	●	●	○	●	●	(●)	(●)	●	●	●	●	(●)	●	●	(●)	●	●	●	●	●	●	
LED light in a base	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	
LED light in a tube	●	●	●	●	●	●	●	●	○	○	●	●	●	●	○	●	●	○	○	●	●	○	●	●	
LED light in a plug	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	
LED strip in a hidden channel	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	○	○	●	○	○	○	●	○	○	

- possibility of use electronics
- (●) electronics can be mounted only in specific places
- product unavailable



FINGERPRINT SCANNER

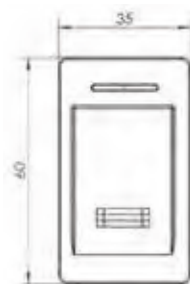
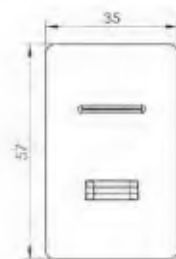
<p>DLINE tube Ø30, Ø40</p>	
<p>DLINE tube Ø45x25</p>	
<p>DLINE tube 40x20, 40x40, 50x25, flat bar</p>	





FINGERPRINT SCANNER

IDENCOM INSIDE tube 40x40, flat bar	
IDENCOM CMOS tube 40x20, 40x40, flat bar	
IDENCOM MINI-X-APP tube 40x20, 40x40, flat bar	





FINGERPRINT SCANNER IN A PLUG

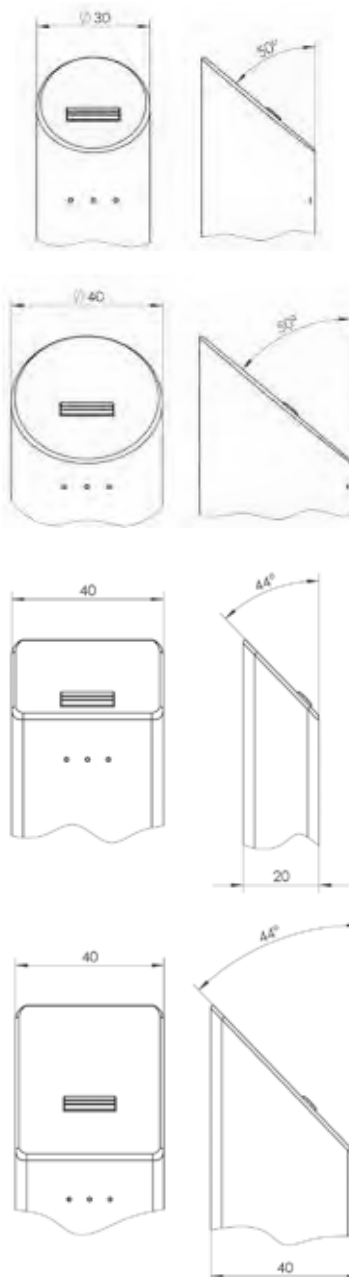
IDENCOM
INSIDE
FINGERPRINT
SCANNER
IN A PLUG

tube Ø30, Ø40



IDENCOM
INSIDE
FINGERPRINT
SCANNER
IN A PLUG

tube 40x20,
40x40



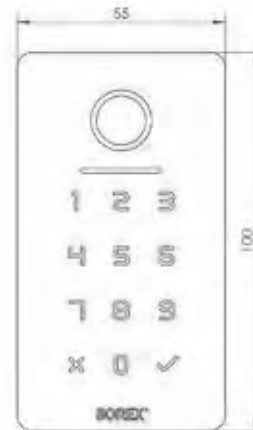


SOREX UNILOCK

ACCESS CONTROL SYSTEMS

FINGERPRINT SCANNER, KEYPAD, RFID

SOREX
UNILOCK
flat bar





KEYPAD

IDENCOM KEYPAD

tube 40x40,
flat bar

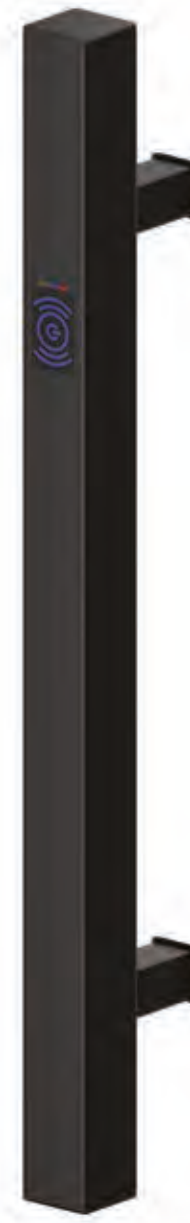




RFID




IDENCOM
RFID

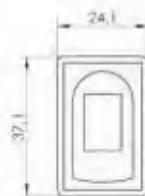
tube 40x40,
flat bar





FINGERPRINT SCANNER

NAVKOM tube Ø30, Ø40	
NAVKOM tube Ø45x25	
NAVKOM tube 40x20, 40x40, 50x25, flat bar	



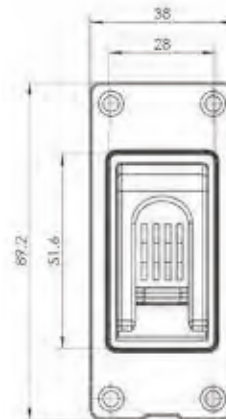


FUHR

ACCESS CONTROL SYSTEMS

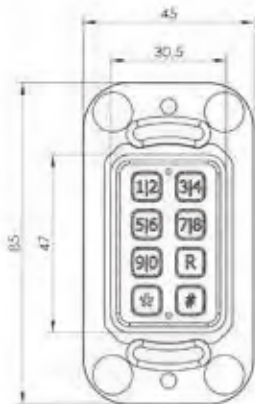
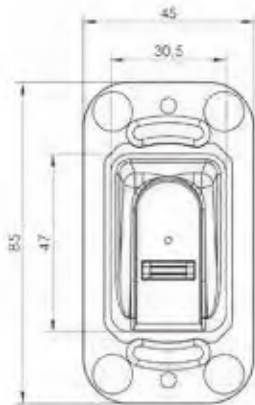
FINGERPRINT SCANNER

FUHR
tube 40x40













FINGERPRINT SCANNER AND KEYPAD





			
MICROSWITCH IN A ROUND TUBE Ø30, Ø40	MICROSWITCH IN A ROUND TUBE Ø30, Ø40 DOORBELL GRAVER		
			
MICROSWITCH IN A TUBE 25x25, 40x20, 40x40, 50x25	MICROSWITCH IN A RECTANGULAR TUBE 25x25, 40x20, 40x40, 50x25 DOORBELL GRAVER		
BACKLIGHT COLOURS (ADDITIONAL OPTION)			
			
WHITE COLD	WHITE WARM	BLUE	RED

General functions of microswitch:

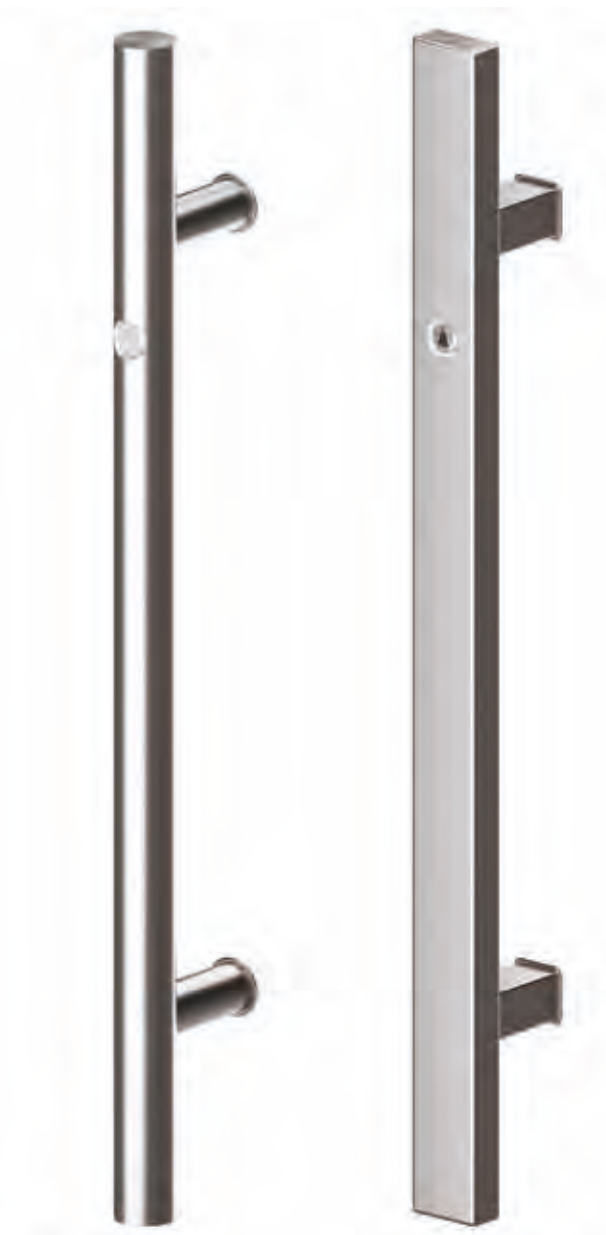
- Compatible with most of the electromechanical locks and electric strike locks, provide opening and closing the door.
- Controlling light points in a handle, on/off option.
- Controlling external device, e.g. lighting of the building when connected to a handle.
- Function of a momentary pushbutton enable to connect, e.g.: a bell.



MICROSWITCH



MICROSWITCH
DOORBELL GRAVER





IN A PLUG



MICROSWITCH IN A PLUG
ROUND TUBE Ø30



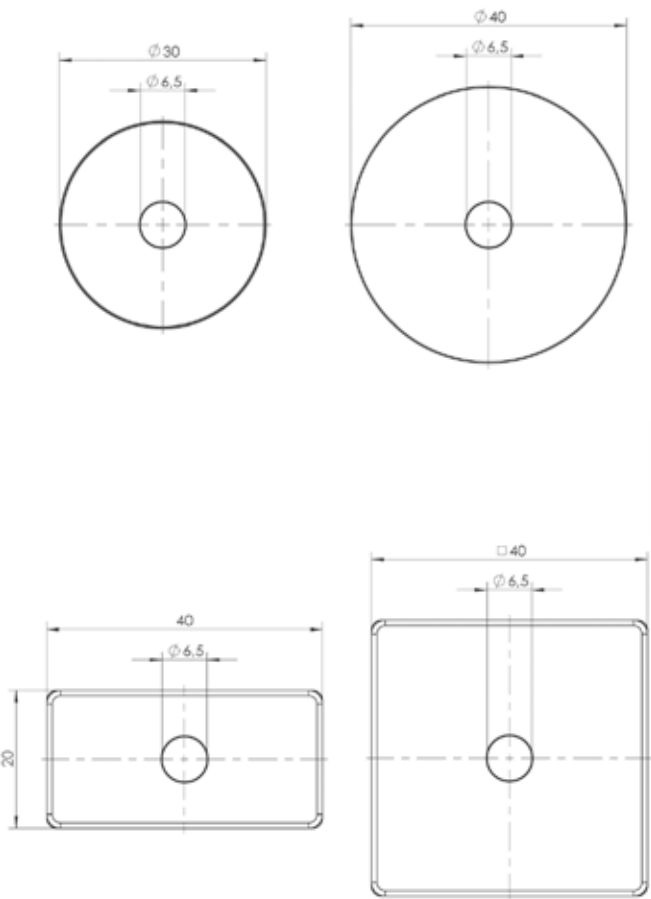
MICROSWITCH IN A PLUG
ROUND TUBE Ø40



MICROSWITCH IN A PLUG
RECTANGULAR TUBE 40x20



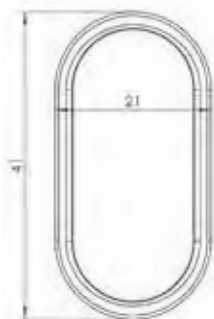
MICROSWITCH IN A PLUG
RECTANGULAR TUBE 40x40



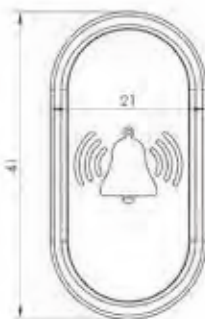


TOUCH SENSOR AND MICROSENSOR

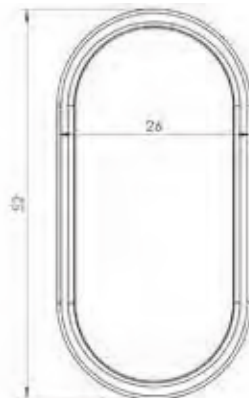
ACCESS CONTROL SYSTEMS



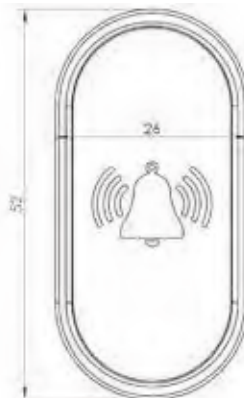
TOUCH SENSOR Ø30



TOUCH SENSOR Ø30
DOORBELL GRAVER



TOUCH SENSOR Ø40



TOUCH SENSOR Ø40
DOORBELL GRAVER



SENSOR
RECTANGULAR TUBE



SENSOR
RECTANGULAR TUBE
DOORBELL GRAVER



MICROSENSOR







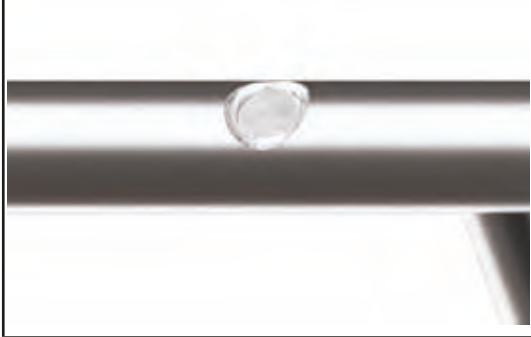
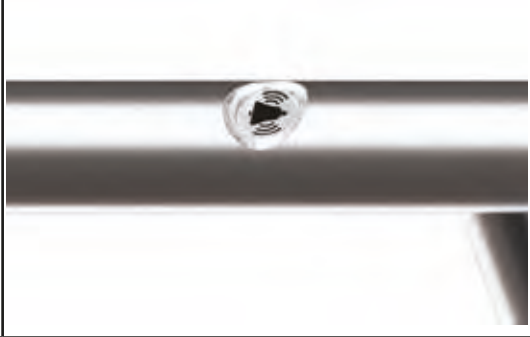


MICROSENSOR
DOORBELL GRAVER



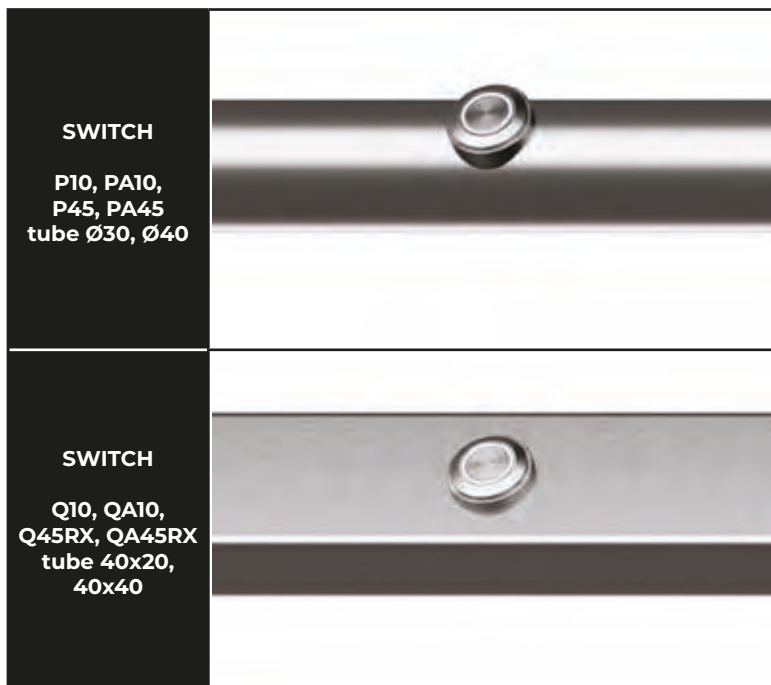
General functions of touch sensor:

- The ability to control one or two independent electrical systems: single or bifunctional electronics.
- Compatible with most of the electromechanical locks and electric strike locks, provide opening and closing the door.
- Controlling light points in the handle, including the option of time-based backlight 30s.
- Controlling external device, e.g. lighting of the building.
- Function of a momentary pushbutton enable to connect, e.g.: a bell.



			
TOUCH SENSOR IN A ROUND TUBE Ø30, Ø40	TOUCH SENSOR IN A ROUND TUBE Ø30, Ø40 DOORBELL GRAVER	TOUCH SENSOR IN A RECTANGULAR TUBE 25x25, 40x20, 40x40, 50x25	TOUCH SENSOR IN A RECTANGULAR TUBE 25x25, 40x20, 40x40, 50x25 DOORBELL GRAVER
			
MICROSENSOR IN A ROUND TUBE Ø30, Ø40	MICROSENSOR IN A ROUND TUBE Ø30, Ø40 DOORBELL GRAVER	MICROSENSOR IN A RECTANGULAR TUBE 25x25, 40x20, 40x40, 50x25	MICROSENSOR IN A RECTANGULAR TUBE 25x25, 40x20, 40x40, 50x25 DOORBELL GRAVER

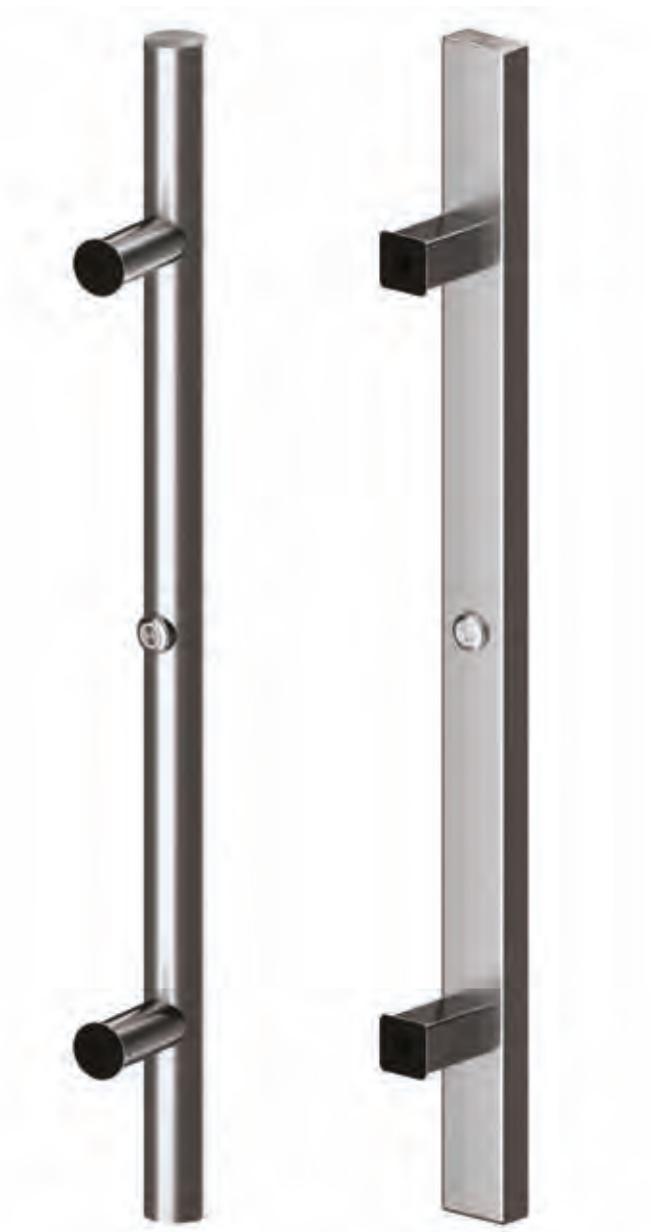
BACKLIGHT COLOURS			
			
WHITE COLD	WHITE WARM	BLUE	RED

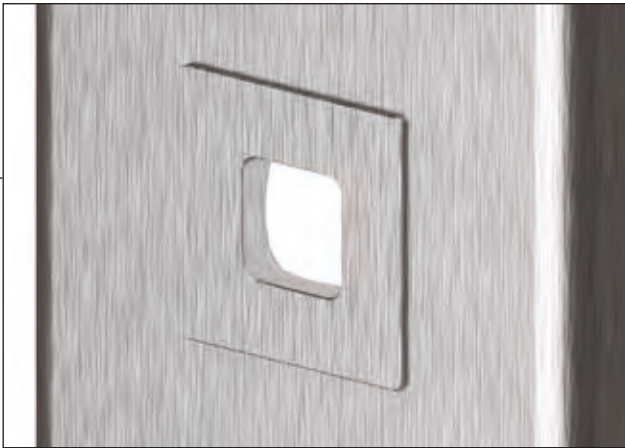
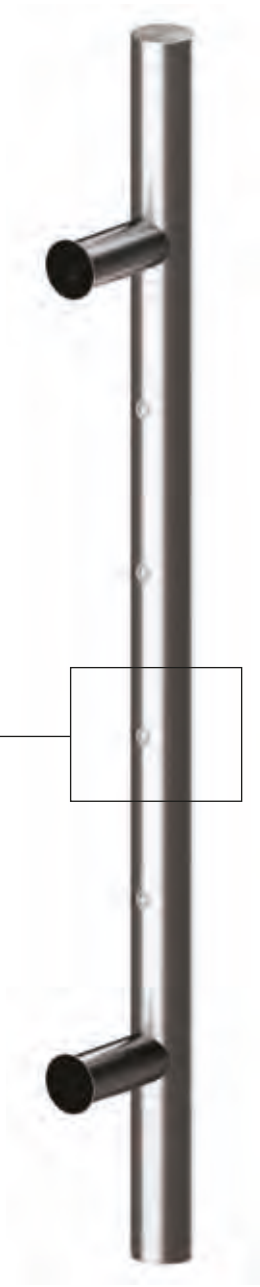
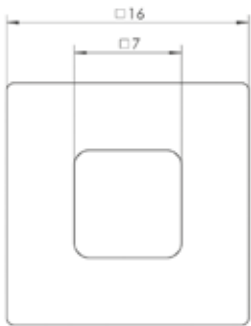
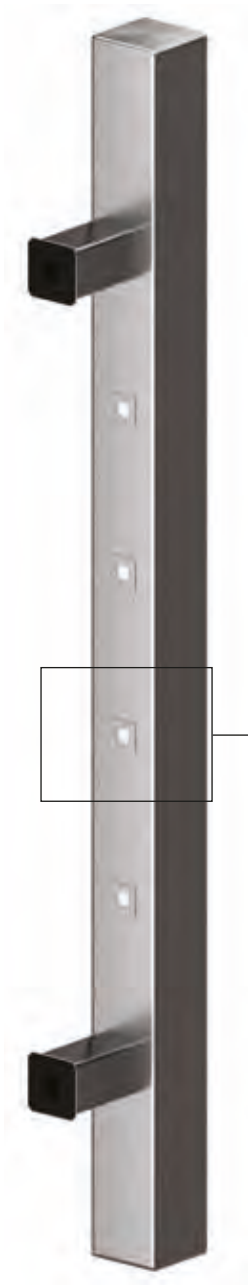


BACKLIGHT COLOURS (ADDITIONAL OPTION)				
WHITE COLD	YELLOW	BLUE	RED	GREEN

General functions of switch:















- Operation and compatibility with electric strikes or electric locks of most manufacturers on the market, allows you to open the door.
- Possibility of backlighting the button.





BACKLIGHT COLOURS			
			
WHITE COLD	WHITE WARM	BLUE	RED



				
40x40 PLUG 1x ROUND LED	40x40 PLUG 4x ROUND LED	40x40 PLUG 1x SQUARE LED	40x40 PLUG 4x SQUARE LED	25x25 PLUG 1x ROUND LED
				
40x20 PLUG 1x ROUND LED	40x20 PLUG 2x ROUND LED	40x20 PLUG 1x SQUARE LED	40x20 PLUG 2x SQUARE LED	25x25 PLUG 1x SQUARE LED
				
Ø30 PLUG 1x ROUND LED	Ø30 PLUG 3x ROUND LED	Ø40 PLUG 1x ROUND LED	Ø40 PLUG 3x ROUND LED	

BACKLIGHT COLOURS			
			
WHITE COLD	WHITE WARM	BLUE	RED





COLD



WARM



BLUE



COLD



WARM

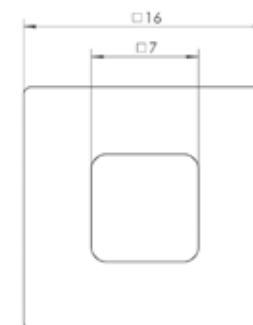


BLUE



LED IN BASE

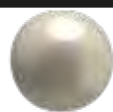
ACCESS CONTROL SYSTEMS



BACKLIGHT COLOURS



WHITE COLD



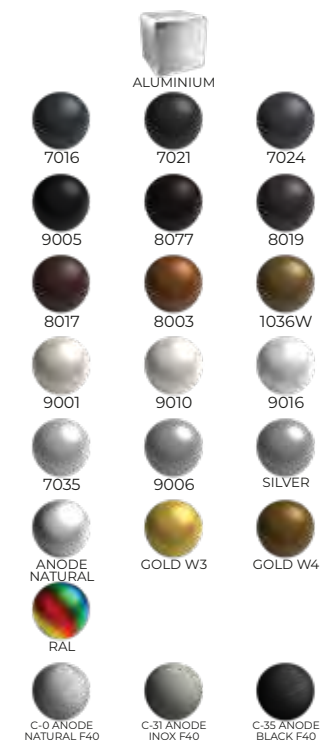
WHITE WARM



BLUE



RED

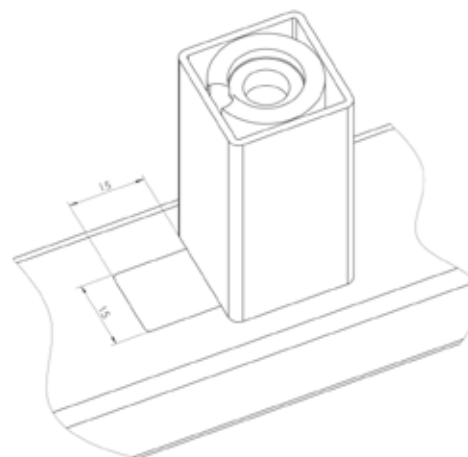


The revision opening in handles with electronics facilitates mounting to the handle door with any type of electronics. Installation of the handrail on the door is quick and easy, because the plug, i.e. the cube and the cables, are hidden in the handle by means of an inspection window located on the inside of the handle.

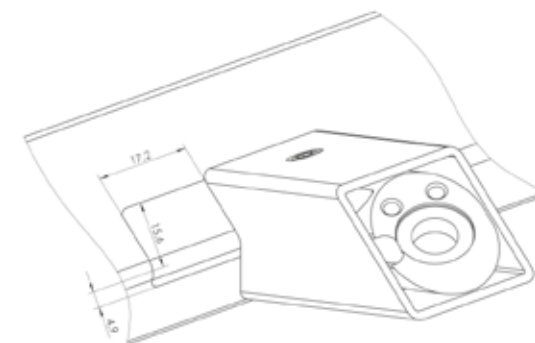
The revision is not a standard element of handles with electronics, it is an optional solution that helps to efficiently install handrails with access control devices.

AVAILABLE FOR:

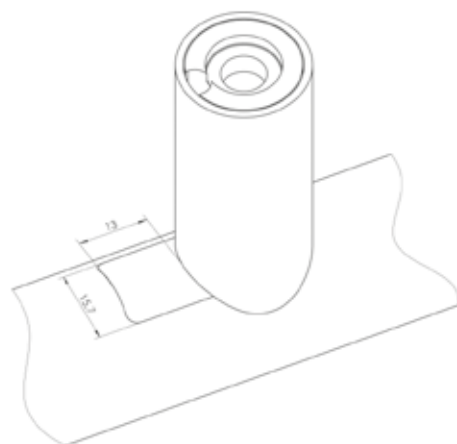
- tube Ø30
- tube Ø40
- tube 40x20
- tube 40x40
- tube 50x25
- tube 25x25
- tube Ø45x25



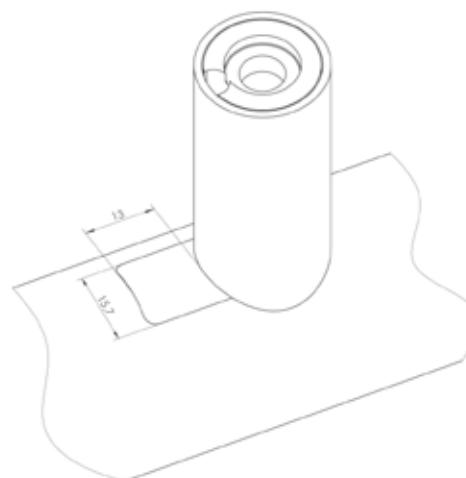
Q10



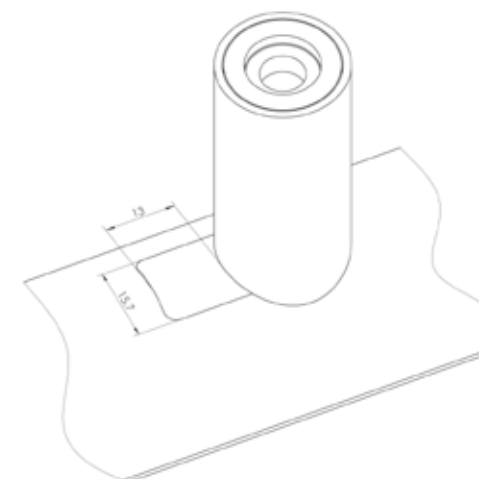
Q45RX



tube Ø30



tube Ø40



tube Ø45x25



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