

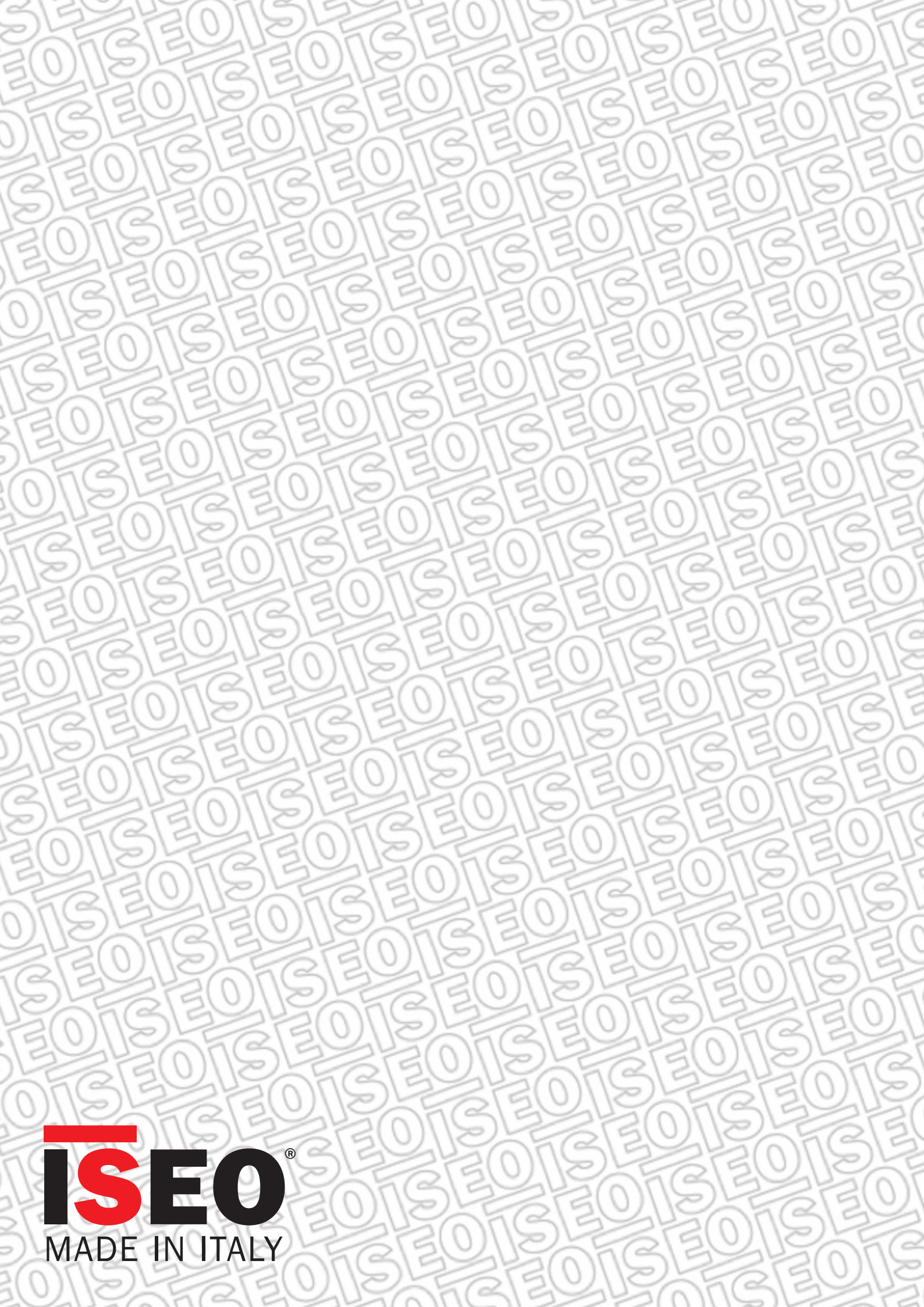
edition 5

# ISEO® CATALOGUE

• LOCKS & CYLINDERS • KEYS • PANIC HARDWARE • ELECTRONIC SECURITY SYSTEMS •







**ISEO**<sup>®</sup>  
MADE IN ITALY





## MECHANICAL CYLINDERS AND SERVICES



## PANIC HARDWARE AND ACCESSORIES

# ABOUT US.

## M.MARCUS LTD AND ISEO SECURITY PRODUCTS .....A LONG STANDING PARTNERSHIP

In 1969 ISEO security products was founded from Giuseppe Fachinetti's extraordinary entrepreneurial spirit. It began manufacturing locks, cylinders and padlocks in Pisogne, a village on Lake Iseo in Northern Italy, from which the company gets its name. Deeply rooted in its origins, ISEO has remained faithful to its roots and to the family values of the founders who still, today, remain in control of the business strategy for the much larger group. The core values of their business being SECURITY, RESPECT, RESEARCH, QUALITY and RELIABILITY ISEO has grown into today's multinational business with offices, warehousing and distribution in many different countries throughout the world.

More than two decades have passed since ISEO searched the U.K. to find a suitable and like minded company with the same values in order to be principal distributor and bring their product and brand to the British market. This company was M.Marcus Ltd, a similar family owned business with long established links throughout the architectural ironmongery market. A company still renowned for its proud family history since the 1940's with their Heritage Brass door furniture range.

An ideal partnership was formed and shortly after this the first Iseo branded products began appearing in the market through the support of customers who recognised a quality product.

In recent years ISEO and M.Marcus have worked together to find products that continue to give the best in SECURITY, QUALITY and RELIABILITY.



Vatican, Pontificia Università Lateranense

## ISEO RECENT PROJECTS

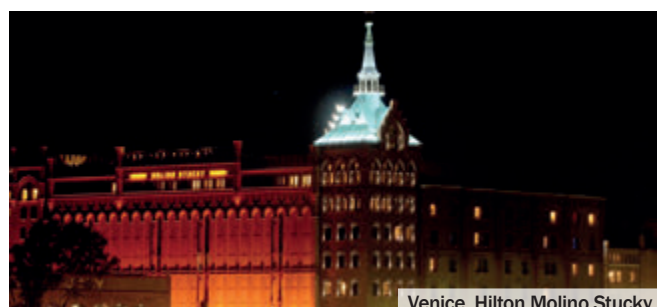
**Vatican, Pontificia Università Lateranense.** To limit the huge number of keys to access all rooms inside its University and Library, ISEO offered just one key ensuring access to all rooms as well as control over any unauthorized access. The electronic cylinder ensures higher security and flexibility since it can be completely programmed and disabled.

**Paris, new Industrial and Technological Centre, La Defense.** Installation of CSF Mechatronic System, the best ISEO solution to manage access control and security feature all in one.

**Venice, Hilton Molino Stucky.** Completely restructured in 1994, it became an 5-star hotel in 2007. The restructuring works highlighted the need to have a universal key for the Security Manager as well as special keys for the staff. ISEO supplied master keyed mechanical cylinders.



Paris, new Industrial and Technological Centre, La Defense



Venice, Hilton Molino Stucky





# ABOUT **YOU.** WHICH CYLINDER MEETS YOUR NEEDS BEST?

## PRIVATE HOUSES

Do you live in a single house or in a multi-family residential building?

### SINGLE HOUSE

Do you have a Property Card for the door cylinder of your main entrance?

Does your front door have an additional lock?

Do you need to give the keys to child minder, house cleaners, or other people?

Do you need to secure your main entrance, gates and garage doors too?

### MULTI-FAMILY RESIDENTIAL BUILDING

How many private accesses do you need to manage?

Do you have a Property Card for the door cylinder of your apartment main entrance?

How many common accesses need to be managed (gate, pedestrian entrance, front main door)?

Do you need to give the keys to other people?

## PUBLIC BUILDING, COMMERCIAL PREMISES.

Are you managing an administrative building? Do you need to supervise hospitals or public institutions?

How is your building used?

What is your organizational structure like?

How strict are your security requirements?

Do you need to use a different key for every door?

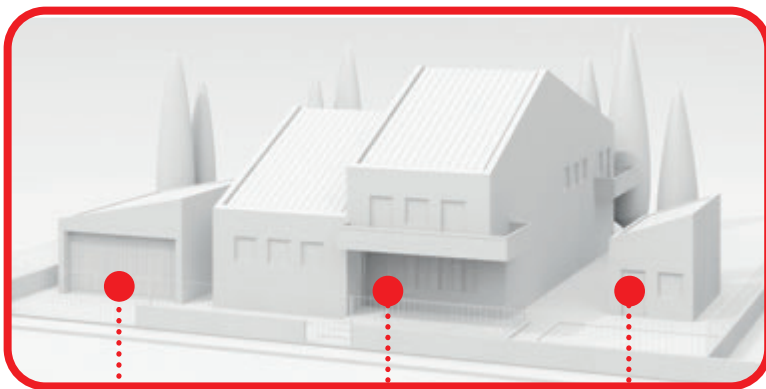
Are there important documents, which need to be securely stored in rooms with controlled access?

Do you need to comply with specific insurance standards?

Are there authorized people entering the site outside normal working hours?

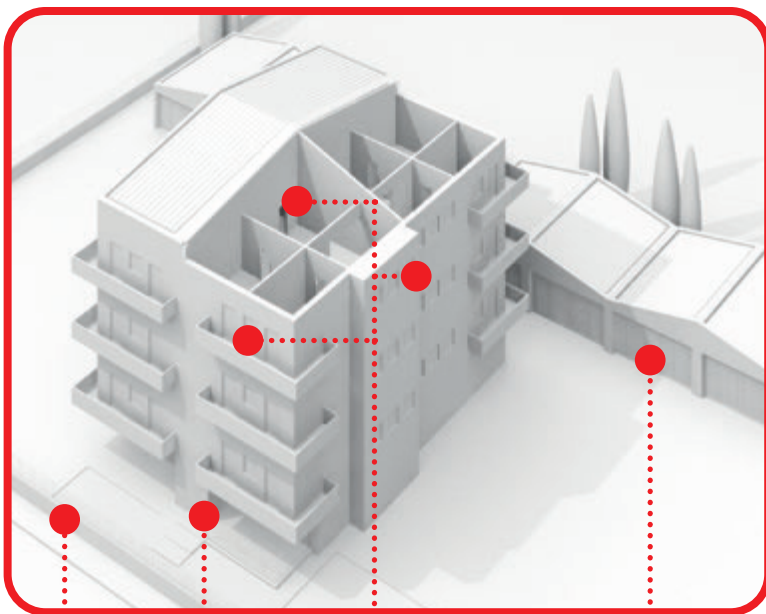
M.Marcus Ltd., offers comprehensive services, from preliminary analysis to detailed planning of the locking systems, to realise a tailor-made solution for all your security needs





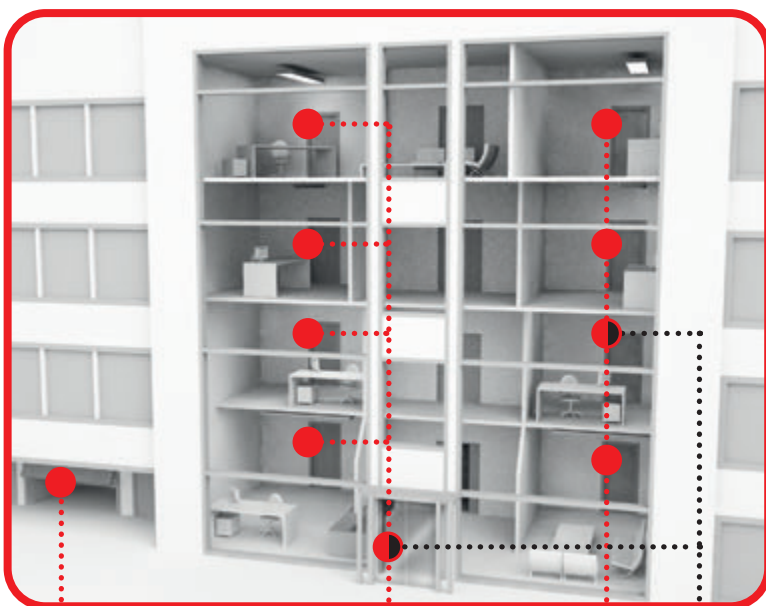
## DO YOU LIVE IN A SINGLE HOUSE?

Using one unique key, you can open all accesses of your house, having on each door the right cylinder according to specific security needs.



## DO YOU LIVE IN A MULTI APARTMENT HOUSE?

Using the same key, you can open the common entrances like main front door and gate, and your private doors, like apartment entrance door, garage and cellar. Each homeowner cannot open other exclusive doors. Cylinders installed in private entrance doors and main front door may be of different security levels, based on the single needs of the specific room. For private entry door, we suggest to install high security cylinder.



## DO YOU NEED TO PROTECT A COMMERCIAL PREMISES OR PUBLIC BUILDING?

When managing public buildings (businesses, hospitals, schools, administrative offices, etc.), other factors gain primary importance such as access to emergency openings, protection against unauthorized copying of keys, permissions management. At the same time, many people must be enabled to share access without sacrificing security. Flexibility of ISEO products perfectly meets these requirements as hierarchical levels of access can be easily managed. For example, in a company the Production Manager will have access to all the doors of his department and the warehouse but will not have access to the offices of the Commercial Department, Financial Office and to the Chief Executive Office.





## HOW TO CHOOSE THE **RIGHT** CYLINDER

Security of your home and personal belongings depends on a cylinder assuring good resistance against brutal attacks:



### RESISTANCE AGAINST DRILLING



### RESISTANCE AGAINST PULLING



### RESISTANCE AGAINST MANIPULATION



### RESISTANCE AGAINST BREAKING SACRIFICIAL BREAK SLOT

In addition, to increase door protection against forced entries, it is worthwhile to install a protective security rose and/or lever on plate handle. This represents an effective barrier between the lock and the outside.

Security of your home means having a protected key which avoids undesired duplicates.



THE CORRESPONDING PROPERTY CARD, WHICH HAS TO BE PRESENTED AT SPECIALIZED DEALERS' WHEN ASKING FOR A DUPLICATE.  
THE PROPERTY CARD AIMS TO IDENTIFY THE GENUINE KEY HOLDER.



# SYMBOLS INDEX



**ATTACK RESISTANCE**



**TESTED TO EN1303 STANDARDS**



**RESISTANCE AGAINST BREAKING** SACRIFICIAL BREAK SLOT



**RESISTANCE AGAINST DRILLING**



**RESISTANCE AGAINST PULLING**



**RESISTANCE AGAINST MANIPULATION**



**ANTI-BUMP**



**PROPERTY CARD**



**KITE MARK CERTIFIED TO ENHANCED SECURITY  
PERFORMANCE REQUIREMENTS**

BS EN1303 TS007:2014+AI:2015 KM 544418



Suitable for use on 1 hour timber based fire doors when fitted  
in conjunction with a CE fire tested latch or lock  
To **BS 476 : Part 22 : 1987**  
or **BS EN 1634-1 2000**



**SECURED BY DESIGN  
POLICE PREFERRED SPECIFICATION**

## FLAT VERTICAL KEY TYPE 'F'

**F5**

Page 10-13

If you need a cylinder performing essential security, F5 is the right choice. F5 is the basic level cylinder for your access requirements.

EN1303  
tested**F6 Extra**

Page 14-15

Do you need a basic level of security with good master keying capability? F6 Extra is the right cylinder to manage doors which do not need high security defence but which will protect against certain external attacks thanks to additional features within the cylinder itself. Carries British Standard Kite mark certification TS007 1 Star and Secured by Design accreditation.

EN1303  
tested**F6 Extra S**

Page 16-17

Do you need a basic level of security with good master keying capability? F6 ExtraS is the right cylinder to manage doors which do not need high security defence but which will protect against certain external attacks thanks to additional features within the cylinder itself. Carries British Standard Kite mark certification TS007 1 Star and Secured by Design accreditation. Equipped with Sacrificial Cut and Metal Strengthening Bar for additional defence and resistance against snapping.

EN1303  
tested

## REVERSIBLE KEY TYPE 'R'

**R6**

Page 18-20

Do you need a simple, reliable product to make secondary accesses in shops, homes, and buildings secure? R6 with its reversible key profile will protect you against certain external attacks thanks to additional features within the cylinder itself.

EN1303  
tested**R11**

Page 21-23

R11 cylinders protects against unwelcome visitors. Featuring a reversible key system and additional internal features within the cylinder itself, this 11 pin system also offers enhanced master keying capability for larger commercial schemes.

EN1303  
tested**R50**

Page 24-26

Do you need a high security product to make principal residential accesses secure or manage medium/big sized commercial buildings and shops? Having max grade of Attack Resistance, R50 will protect you against manipulation and break-in attempts. R50 obtained BSI certification stating its resistance against bumping and picking methods.

EN1303  
tested

## ACCESSORIES AND OTHER SERVICES

**Pinning - Kits & Tools**

Kits & Tools  
Components and Keys

Page  
27  
28

**Accessories**

Accessories and 'Specials'

**How to order** your cylinder and other advice

Page  
29-31  
32-33

**INOX Padlocks**

Page  
34-35

**CLARUS Padlocks (Differ only)**

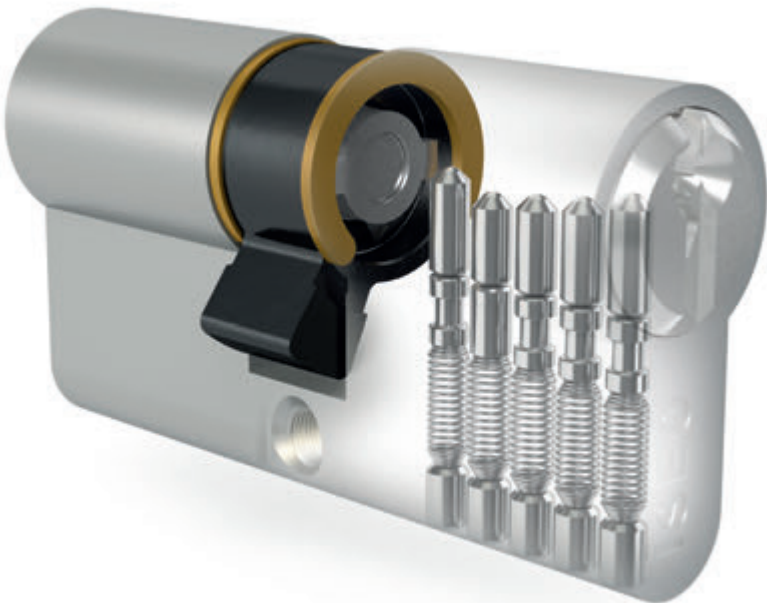
36-37



If you need a cylinder performing essential security, F5 is the right choice.  
F5 is the basic level cylinder for your access requirements.

Approximate Master Keying capabilities are as follows:

- Simple MK and differs allows for approx. 480 differs under a single Master Key\*
- It can be possible to divide the master key system into sub groups. This reduces the number of differs available as they have to be split between the sub groups\*
- \*\*The addition of a common entrance reduces the differ capability in every case above
- Differ cylinders provided with 3 keys
- Master keyed or Keyed alike cylinders provided with 2 keys



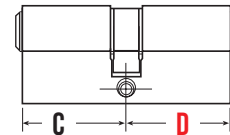
EN1303 Classifications

Category of use	Key Strength & Cyclic Durability	Door Mass	Fire Resistance	Safety	Corrosion Resistance	Key Related Security	Attack Resistance
1	6	0	1	0	C	4	0

EN1303 tested

IS8209

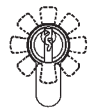
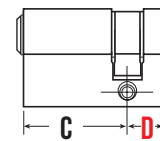
**EURO PROFILE****5 PIN EURO PROFILE DOUBLE CYLINDERS**
 Finishes: 7=Brass  
9=Nickel

 Master Keying & Keyed Alike -  
charges apply.

 off centre Din  
standard Cam

C	D	21	25	28	30	35	40	45	50	55	60	65	70	75	80
21	●														
25		●			●										
28				●											
30			●		●	●	●	●	●	●	●	●	●	●	●
35					●	●	●	●	●	●	●	●			
40					●	●	●	●	●	●	●	●			
45						●	●	●	●	●	●	●			
50							●	●	●	●	●	●			

IS8209

**EURO PROFILE****5 PIN EURO PROFILE HALF CYLINDERS**
 Finishes: 7=Brass  
9=Nickel

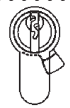
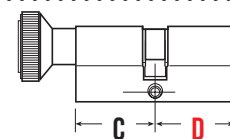
 Master Keying & Keyed Alike -  
charges apply.


8 Position Cam

C	D	25	30	35	40	45	50	55	60	65	70	80	90	95
10	●		●	●	●	●	●	●	●	●	●	●	●	●

IS8229

**EURO PROFILE****5 PIN EURO PROFILE THUMBTURN CYLINDERS**
 Finishes: 7=Brass  
9=Nickel

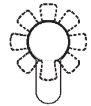
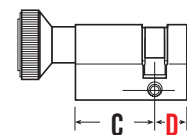
 Master Keying & Keyed Alike -  
charges apply.

 off centre Din  
standard Cam

C	D	28	30	35	40	45	50	55	60	65	70	75	80
28	●												
30		●	●	●	●	●	●	●	●	●	●	●	●
35		●	●	●	●	●	●	●	●	●	●	●	●
40		●	●	●	●	●	●	●	●	●	●	●	●
45		●	●	●	●	●	●	●	●	●	●	●	●
50		●	●	●	●	●	●	●	●	●	●	●	●
55		●	●	●	●	●	●	●	●	●	●	●	●
60		●	●	●	●	●	●	●	●	●	●	●	●
65		●	●	●	●	●	●	●	●	●	●	●	●
70		●	●	●	●	●	●	●	●	●	●	●	●
80		●	●	●	●	●	●	●	●	●	●	●	●

IS8229

**EURO PROFILE****5 PIN EURO PROFILE HALF CYLINDERS**
 Finishes: 7=Brass  
9=Nickel

Thumbturn no key



8 Position Cam

C	D	30	35	40	45	50	55	60	65	70
10	●	●	●	●	●	●	●	●	●	●

IS8219





IS8211

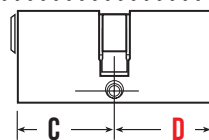


## UK OVAL PROFILE

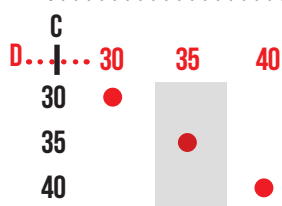
### 5 PIN OVAL PROFILE DOUBLE CYLINDERS

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike -  
charges apply.



off centre Din  
standard Cam



IS8211

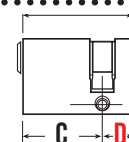


## UK OVAL PROFILE

### 5 PIN OVAL PROFILE HALF CYLINDERS

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike -  
charges apply.



off centre Din  
standard Cam



IS8273

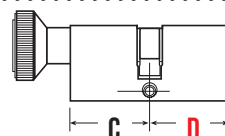


## UK OVAL PROFILE

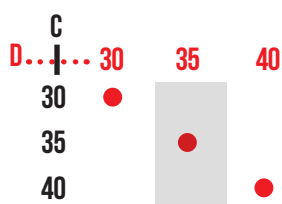
### 5 PIN OVAL PROFILE THUMBTURN CYLINDERS

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike -  
charges apply.



off centre Din  
standard Cam



IS8271



IS8281



IS8273

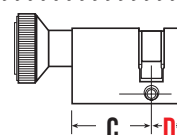


## UK OVAL PROFILE

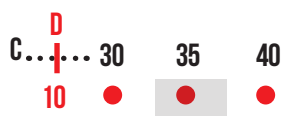
### 5 PIN OVAL PROFILE HALF CYLINDERS

Thumbturn no key

Finishes: 7=Brass  
9=Nickel



off centre Din  
standard Cam



IS8271



IS8281



## MORTICE THREADED CYLINDER (PAIR) - RIM CYLINDER

IS8506-32263 Nickel  
IS8506-32263.5 Nickel  
IS8506-32267 Brass  
IS8506-32267.5 Brass

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike - charges apply.  
2 keys per ½ cylinder -3 keys per pair



IS8500-35009 Nickel  
IS8500-3500L Brass

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike - charges apply.

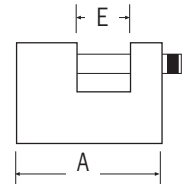




## RECTANGULAR PADLOCK

Master Keying & Keyed Alike -  
charges apply.

REFERENCE	A	E
IS809-909	90mm	36mm



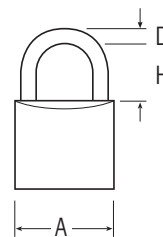
## PADLOCK

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike -  
charges apply.

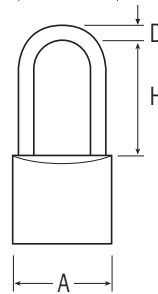
REFERENCE	A	H	D
IS-4000630	50mm	32mm	8mm

Standard Shackle



REFERENCE	A	H	D
IS-4000650	50mm	51mm	8mm

Long Shackle



## SHUTTER LOCK

Finishes: 7=Brass

Master Keying & Keyed Alike -  
charges apply.

IS642-001	Single Point RH Lock
IS642-002	Single Point LH Lock
IS642-003	Pair RH and LH Lock
IS642-003 KA	Pair RH and LH Lock KA
IS641-010	2 Point Shutter Lock
IS004-907	Floor Anchor





# F6 Extra



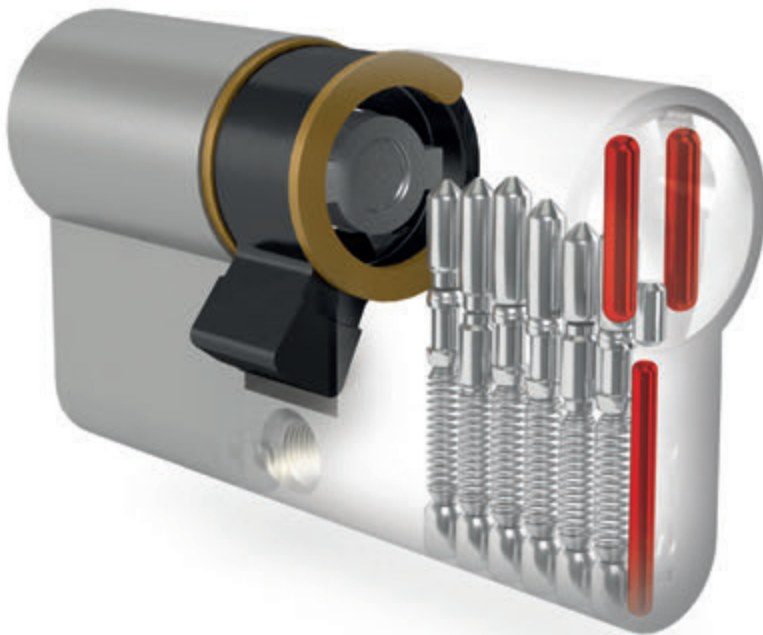
Do you need a basic level of security with good master keying capability?

F6 Extra is the right cylinder to manage doors which do not need high security defence but which will protect against certain external attacks thanks to additional features within the cylinder itself.

Carries British Standard Kite mark certification TS007 1 Star and Secured by Design accreditation.

Approximate Master Keying capabilities are as follows:

- Simple MK and differs allows for approx. 1200 differs under a single Master Key\*
- It can be possible to divide the master key system into sub groups. This reduces the number of differs available as they have to be split between the sub groups\*
- \* \*The addition of a common entrance reduces the differ capability in every case above
- Differ cylinders provided with 3 keys
- Master keyed or Keyed alike cylinders provided with 2 keys

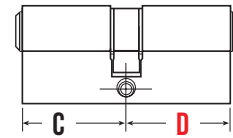


EN1303 Classifications

Category of use	Key Strength & Cyclic Durability	Door Mass	Fire Resistance	Safety	Corrosion Resistance	Key Related Security	Attack Resistance
1	6	0	1	0	C	5	2

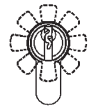
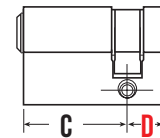


IS82F60

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel
**6 PIN EURO PROFILE DOUBLE CYLINDERS**
 Master Keying & Keyed Alike -  
charges apply.

 off centre Din  
standard Cam

C	D	30	35	40	45	50	55	60	65	70	75
30	•			•			•	•	•		•
35		•	•	•	•	•	•	•	•		
40			•	•	•	•	•	•	•		
45				•	•	•	•		•		
50					•	•	•				

IS82F60

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel
**6 PIN EURO PROFILE HALF CYLINDERS**
 Master Keying & Keyed Alike -  
charges apply.


8 Position Cam

C	D	30	35	40	45	55	65
10	•	•	•	•	•	•	•

IS82F629



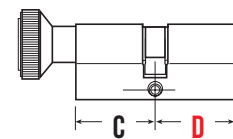
IS82F659



IS82F689



IS82F619

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel
**6 PIN EURO PROFILE THUMBTURN CYLINDERS**
 Master Keying & Keyed Alike -  
charges apply.

 off centre Din  
standard Cam

C	D	30	35	40	45	50	55	60	65	75
30	•			•	•		•			•
35		•	•	•	•	•	•			
40	•	•	•	•	•	•	•	•	•	
45	•	•	•	•	•	•	•			
50		•	•	•	•	•				
55	•	•	•	•	•					
60				•						

**6 PIN SCANDINAVIAN PROFILE****RIM CYLINDER**
 INTERNAL Scandinavian Profile cylinder  
EXTERNAL Scandinavian Profile cylinder

 off centre Din  
standard Cam

 Master Keying & Keyed Alike -  
charges apply.

 IS8IS-51A329  
IS8IS-21A329

 IS8100-35009 Nickel  
IS8100-3500L Brass



# F6 Extra<sup>S</sup>



Do you need a basic level of security with good master keying capability?

F6 Extra<sup>S</sup> is the right cylinder to manage doors which do not need high security defence but which will protect against certain external attacks thanks to additional features within the cylinder itself.

Carries British Standard Kite mark certification TS007 1 Star and Secured by Design accreditation.

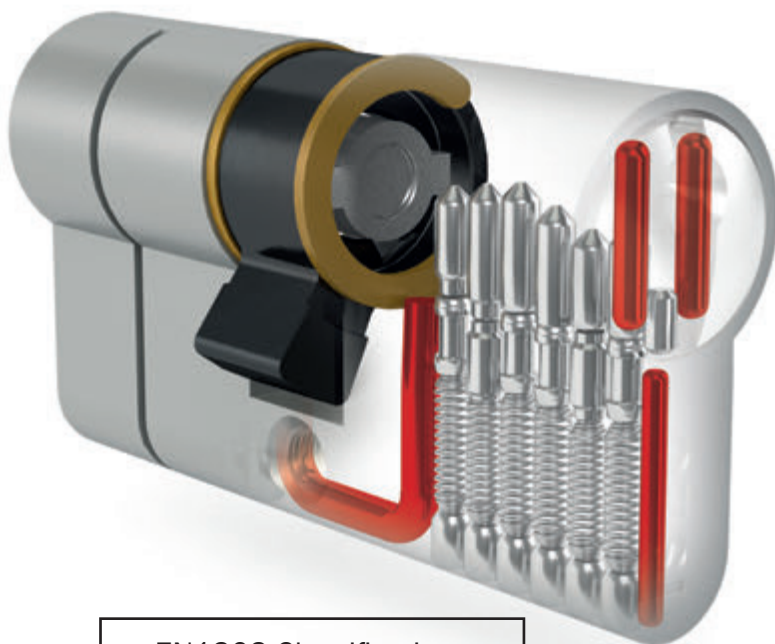
Equipped with Sacrificial Cut and Metal Strengthening Bar for additional defence and resistance against snapping.

Approximate Master Keying capabilities are as follows:

- Simple MK and differs allows for approx. 1200 differs under a single Master Key\*
- It can be possible to divide the master key system into sub groups. This reduces the number of differs available as they have to be split between the sub groups\*

\* \*The addition of a common entrance reduces the differ capability in every case above

- Differ cylinders provided with 3 keys
- Master keyed or Keyed alike cylinders provided with 2 keys

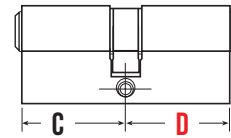


EN1303 Classifications

Category of use	Key Strength & Cyclic Durability	Door Mass	Fire Resistance	Safety	Corrosion Resistance	Key Related Security	Attack Resistance
1	6	0	1	0	C	5	2



IS82F60/A

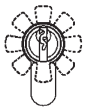
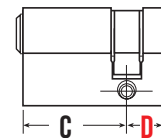
**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel


off centre Din standard Cam

**F6A 6 PIN EURO PROFILE DOUBLE CYLINDERS**
 Master Keying & Keyed Alike -  
charges apply.

C	D	30	35	40	45	50	55	60	65	70	75
30	●			●	●	●	●	●	●		●
35		●		●	●	●	●				
40			●	●	●	●	●	●			
45				●	●	●	●				
50					●	●	●				

IS82F60/A

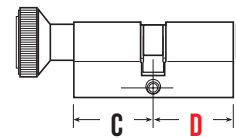
**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel


8 Position Cam

**F6A 6 PIN EURO PROFILE HALF CYLINDERS**
 Master Keying & Keyed Alike -  
charges apply.

C	D	30	35	40	45	50	55
10	●	●	●	●	●	●	●

IS82F629/A

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel


off centre Din standard Cam

**F6A 6 PIN EURO PROFILE THUMBURNS**
 Master Keying & Keyed Alike -  
charges apply.

IS82F659/A



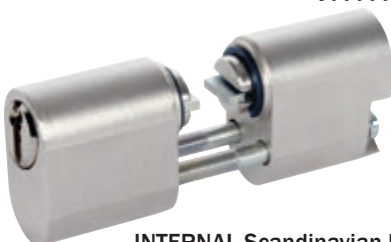
IS82F689/A



IS82F619/A



C	D	30	35	40	45	50	55	60	75
30	●			●	●	●	●	●	●
35		●		●	●	●	●		
40	●	●	●	●	●	●	●		
45		●	●	●	●	●	●		
50			●	●	●	●			
55	●	●	●	●	●				
60				●					

**F6A 6 PIN SCANDINAVIAN PROFILE****RIM CYLINDER**
 INTERNAL Scandinavian Profile cylinder  
EXTERNAL Scandinavian Profile cylinder


off centre Din standard Cam

 Master Keying & Keyed Alike -  
charges apply.

IS8IS-51A329

IS8IS-21A329



IS8100-35009 Nickel

IS8100-3500L Brass



# R6

Do you need a simple, reliable product to make secondary accesses in shops, homes, and buildings secure? R6 with its reversible key profile will protect you against certain external attacks thanks to additional features within the cylinder itself.

Approximate Master Keying capabilities are as follows:

- Simple MK and differs allows for maximum 80 differs under a single Master Key
- Differ cylinders provided with 3 keys
- Master keyed or Keyed alike cylinders provided with 2 keys

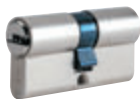
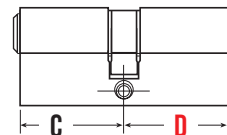


EN1303 Classifications

Category of use	Key Strength & Cyclic Durability	Door Mass	Fire Resistance	Safety	Corrosion Resistance	Key Related Security	Attack Resistance
1	6	0	1	0	C	5	2



IS8809

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel


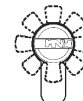
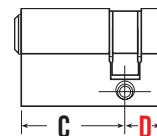
off centre Din standard Cam

**6 PIN EURO PROFILE DOUBLE CYLINDERS**

Master Keying &amp; Keyed Alike - charges apply.

C	D	30	35	40	45	50	55	60	65	70	75
30	•		•	•	•	•	•	•	•	•	•
35			•	•	•	•	•		•		
40				•	•	•	•	•			
45					•	•	•	•			
50						•	•				

IS8809

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel


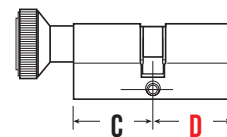
8 Position Cam

**6 PIN EURO PROFILE HALF CYLINDERS**

Master Keying &amp; Keyed Alike - charges apply.

D	C	30	35	40	45	50	55	60	65	80	90
10	•		•	•	•	•	•	•	•	•	•

IS8829

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel


off centre Din standard Cam

**6 PIN EURO PROFILE THUMBTURN CYLINDERS**

Master Keying &amp; Keyed Alike - charges apply.

C	D	30	35	40	45	50	55	60	70	75
30	•		•	•	•	•			•	•
35	•		•	•	•	•	•			
40	•		•	•	•	•	•	•		
45			•	•	•	•	•			
50	•		•	•	•	•				
55			•	•	•					
60				•	•					

IS8859



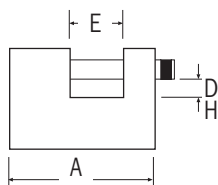
IS8889



IS8819

**RECTANGULAR PADLOCKS****MORTICE THREADED CYLINDER (PAIR)****RIM CYLINDER**

Master Keying &amp; Keyed Alike - charges apply.

 REFERENCE A E H D  
 IS809-909R6 90mm 36mm 17.5mm 12mm

 IS8606-32263 Nickel  
 IS8606-32263.5 Nickel

2 keys per 1/2 cylinder -3 keys per pair


 IS8600-35009 Nickel  
 IS8600-3500L Brass

IS8811

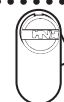
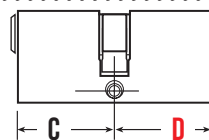


## UK OVAL PROFILE

Finishes: 7=Brass  
9=Nickel

### 6 PIN OVAL PROFILE DOUBLE CYLINDERS

Master Keying & Keyed Alike -  
charges apply.



off centre Din  
standard Cam

C	D	30	35	40
30	●			
35			●	
40				●

IS8811

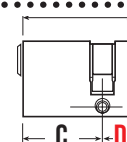


## UK OVAL PROFILE

Finishes: 7=Brass  
9=Nickel

### 6 PIN OVAL PROFILE HALF CYLINDERS

Master Keying & Keyed Alike -  
charges apply.



off centre Din  
standard Cam

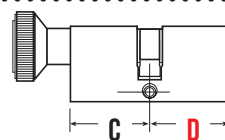
C	D	30	35	40
10	●			
			●	
				●

IS8873



## UK OVAL PROFILE

### 6 PIN OVAL PROFILE THUMBTURN CYLINDERS



off centre Din  
standard Cam

IS8871



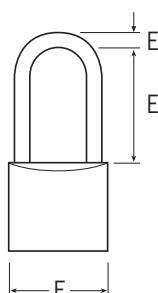
IS8881



C	D	30	35	40
30	●			
35			●	
40				●

## EURO CYLINDER PADLOCK - LONG SHACKLE

REFERENCE A H D  
IS-4000650R6 50mm 51mm 8mm

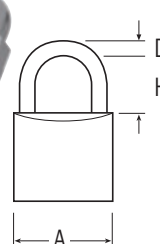


Satin Nickel plated brass body  
with Bright Plated Inox shackle.  
**No cutting down of cylinder  
required**

Master Keying & Keyed Alike -  
charges apply.

## EURO CYLINDER PADLOCK - BODY STANDARD

REFERENCE A H D  
IS-4000630R6 50mm 32mm 8mm





R11 cylinders protect against unwelcome visitors. Featuring a reversible key system and additional internal features within the cylinder itself, this 11 pin system also offers enhanced master keying capability for larger commercial schemes.

Approximate Master Keying capabilities are as follows:

- Simple MK and differs allows for maximum 60,000 differs under a single Master Key\*
- It can be possible to divide the master key system into sub groups. This reduces the number of differs available as they have to be split between the sub groups\*
- \* \*The addition of a common entrance reduces the differ capability in every case above
- Differ cylinders provided with 3 keys
- Master keyed or Keyed alike cylinders provided with 2 keys

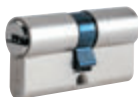
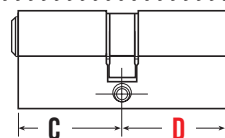


EN1303 Classifications

Category of use	Key Strength & Cyclic Durability	Door Mass	Fire Resistance	Safety	Corrosion Resistance	Key Related Security	Attack Resistance
1	6	0	1	0	C	6	2

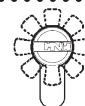
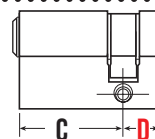


IS8909

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel
**11 PIN EURO PROFILE DOUBLE CYLINDERS**
 Master Keying & Keyed Alike -  
charges apply.

 off centre Din  
standard Cam

C	D	30	35	40	45	50	55	60	65
30	•		•	•	•	•	•	•	•
35			•	•	•	•	•		
40				•	•	•	•	•	
45					•	•	•		
50						•		•	

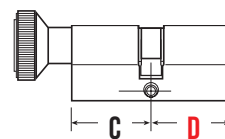
IS8909

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel
**11 PIN EURO PROFILE HALF CYLINDERS**
 Master Keying & Keyed Alike -  
charges apply.


8 Position Cam

C	D	30	35	40	50	60	70	80
10	•		•	•	•	•	•	•

IS8929

**EURO PROFILE**
 Finishes: 7=Brass  
9=Nickel
**11 PIN EURO PROFILE THUMBTURN CYLINDERS**
 Master Keying & Keyed Alike -  
charges apply.

 off centre Din  
standard Cam

IS8959



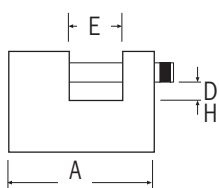
IS8989



IS8919



C	D	30	35	40	45	50	55	60
30	•		•	•	•	•		
35	•		•	•	•	•	•	
40	•		•	•	•	•		•
45	•		•	•	•	•	•	
50	•		•	•	•	•		
55			•	•	•			
60				•				

**RECTANGULAR PADLOCKS****MORTICE THREADED CYLINDER (PAIR)****RIM CYLINDER**
 REFERENCE A E H D  
 IS809-909R11 90mm 36mm 17.5mm 12mm

 IS8706-32263 Nickel  
 IS8706-32263.5 Nickel  
 IS8706-32267 Brass  
 IS8706-32267.5 Brass

 IS8700-35009 Nickel  
 IS8700-3500L Brass

Master Keying &amp; Keyed Alike charges apply.

2 keys per 1/2 cylinder -3 keys per pair

IS8911

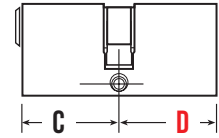


## UK OVAL PROFILE

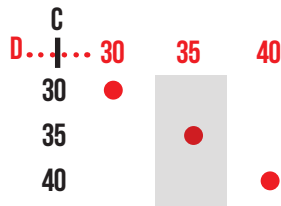
11 PIN OVAL PROFILE DOUBLE CYLINDERS

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike - charges apply.



off centre Din standard Cam



IS8911

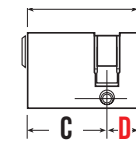


## UK OVAL PROFILE

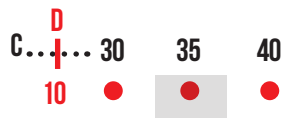
11 PIN OVAL PROFILE HALF CYLINDERS

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike - charges apply.



off centre Din standard Cam



IS8973

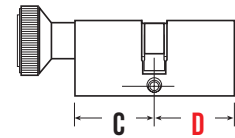


## UK OVAL PROFILE

11 PIN OVAL PROFILE THUMBTURN CYLINDERS

Finishes: 7=Brass  
9=Nickel

Master Keying & Keyed Alike - charges apply.

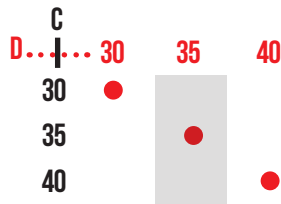


off centre Din standard Cam

IS8971

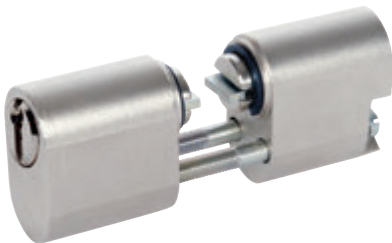


IS8981



11 PIN SCANDINAVIAN PROFILE

Master Keying & Keyed Alike - charges apply.



INTERNAL Scandinavian Profile cylinder  
EXTERNAL Scandinavian Profile cylinder  
DOUBLE Scandinavian Profile cylinder

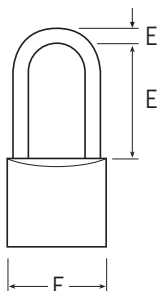
IS8975INT  
IS8972EXT  
IS8975DBL



off centre Din standard Cam

EURO CYLINDER PADLOCK - LONG SHACKLE

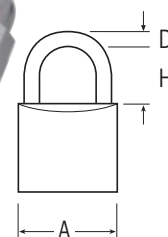
REFERENCE A H D  
IS-4000650R11 50mm 51mm 8mm



Master Keying & Keyed Alike charges apply.

EURO CYLINDER PADLOCK - BODY STANDARD

REFERENCE A H D  
IS-4000630R11 50mm 32mm 8mm

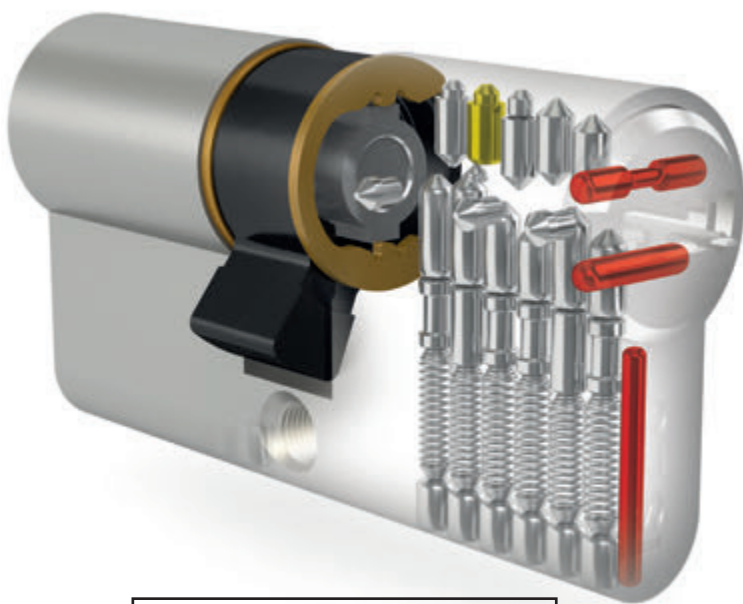




Do you need a high security product to make principal residential accesses secure or manage medium/big sized commercial buildings and shops? Having maximum grade of Attack Resistance, R50 will protect you against manipulation and break-in attempts. R50 obtained BSI certification stating its resistance against bumping and picking methods.

Approximate Master Keying capabilities are as follows:

- Simple MK and differs allows for maximum 60,000 differs under a single Master Key\*
- It can be possible to divide the master key system into sub groups. This reduces the number of differs available as they have to be split between the sub groups\*
- \*\*The addition of a common entrance reduces the differ capability in every case above
- Differ cylinders provided with **2 keys**
- Master keyed or Keyed alike cylinders provided with 2 keys

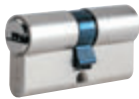


EN1303 Classifications

Category of use	Key Strength & Cyclic Durability	Door Mass	Fire Resistance	Safety	Corrosion Resistance	Key Related Security	Attack Resistance
1	6	0	1	0	C	6	2

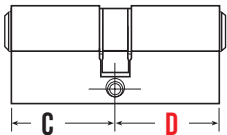


IS8A09



EURO PROFILE

Finishes: 7=Brass  
9=Nickel



off centre Din  
standard Cam

11 PIN EURO PROFILE DOUBLE CYLINDERS

Master Keying & Keyed Alike -  
charges apply.

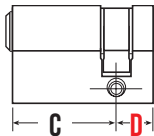
C	D	30	35	40	45	50	55	60	65
30	10	●	●	●	●	●	●	●	●
35			●	●	●	●	●		
40				●	●	●	●	●	
45					●	●	●		
50						●	●	●	

IS8A09



EURO PROFILE

Finishes: 7=Brass  
9=Nickel



8 Position Cam

11 PIN EURO PROFILE HALF CYLINDERS

Master Keying & Keyed Alike -  
charges apply.

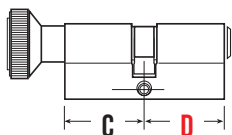
C	D	30	35	40	50	60	80
10	10	●	●	●	●	●	●

IS8A29



EURO PROFILE

Finishes: 7=Brass  
9=Nickel



off centre Din  
standard Cam

11 PIN EURO PROFILE THUMBTURN CYLINDERS

Master Keying & Keyed Alike -  
charges apply.

IS8A59



IS8A89



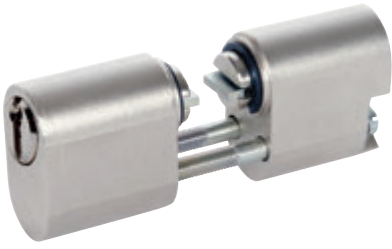
IS8A19



C	D	30	35	40	45	50	55	60
30	10	●	●	●	●	●	●	
35		●	●	●	●	●	●	
40		●	●	●	●	●	●	●
45		●	●	●	●	●	●	
50		●		●	●	●		●
55				●	●			
60				●		●		

## 11 PIN SCANDINAVIAN PROFILE

Master Keying & Keyed Alike charges apply:



INTERNAL Scandinavian Profile cylinder  
EXTERNAL Scandinavian Profile cylinder  
DOUBLE Scandinavian Profile cylinder

IS8A75INT  
IS8A72EXT  
IS8A75DBL

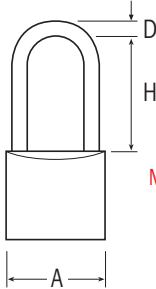


off centre Din  
standard Cam

## EURO CYLINDER PADLOCK - LONG SHACKLE

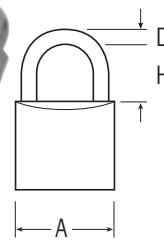
## EURO CYLINDER PADLOCK - BODY STANDARD

REFERENCE A H D  
IS-4000650R50 50mm 51mm 8mm



Master Keying & Keyed Alike charges apply:

REFERENCE A H D  
IS-4000630R50 50mm 32mm 8mm

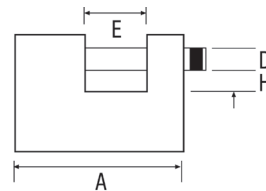


## RECTANGULAR PADLOCKS

Master Keying & Keyed Alike charges apply:



REFERENCE A E H D  
IS809-909R50 90mm 36mm 17.5mm 12mm



## MORTICE THREADED CYLINDER (PAIR)



IS8A06-32263 Nickel Pair  
IS8A06-32263.5 Nickel Single  
IS8A06-32267 Brass Pair  
IS8A06-32267.5 Brass Single

2 keys per 1/2 cylinder -3 keys per pair

## RIM CYLINDER WITH 2 KEYS



IS8A00-35009 Nickel  
IS8A00-3500L Brass



# Pinning - Kits & Tools

IS-003000 5 Pin Pinning Kit  
 IS-003040 R6-R11 Pinning Kit  
 IS-003031 F6-R6 Pinning Kit



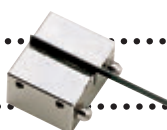
IS-003 101 Cylinder Support 5 Pin



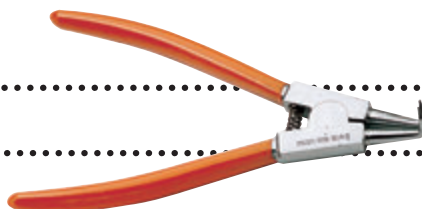
IS-003 102 Pin Loader 5 Pin



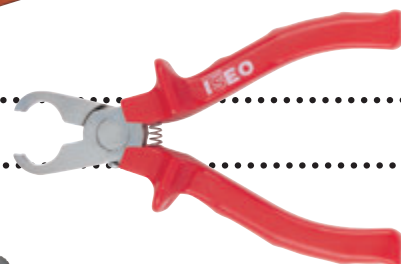
IS-003 103 Plug Guide 5 Pin



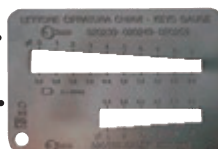
IS-003 104 Circlip Pliers *All Product Ranges*



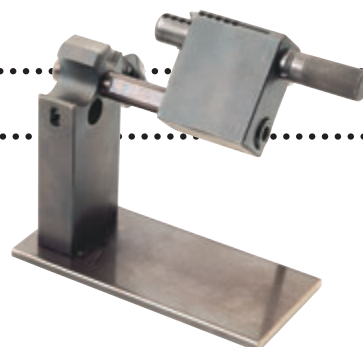
IS-003 105 Closing Pliers *All Product Ranges*



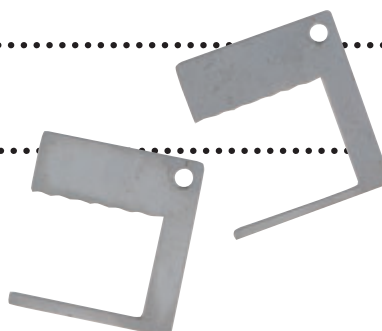
IS-003 107 Key Gauge 5 Pin



IS-003090 Pinning Jig *R6/R11/R50 and F6*



IS-003 111 *Euro Profile pinning blade*  
 IS-003 112 *Oval Profile pinning blade*



# Pinning Components & Extra Keys

## F5 5 Pin

### CIRCLIPS

003 7011	Steel Circlip (250pcs)
003 7001	Brass Circlip (250pcs)



QUANTITY PRICE

250  
250

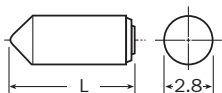
### MASTER WAFERS

003 9008	No 2	L = 0.8 mm		250
003 9016	No 4	L = 1.6 mm		250
003 9024	No 6	L = 2.4 mm		250
003 9032	No 8	L = 3.2 mm		250

QUANTITY

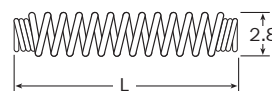
### BOTTOM PINS

003 2050	No 0	L = 5.0 mm	250
003 2054	No 1	L = 5.4 mm	250
003 2058	No 2	L = 5.8 mm	250
003 2062	No 3	L = 6.2 mm	250
003 2066	No 4	L = 6.6 mm	250
003 2070	No 5	L = 7.0 mm	250
003 2074	No 6	L = 7.4 mm	250
003 2078	No 7	L = 7.8 mm	250
003 2082	No 8	L = 8.2 mm	250



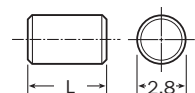
### SPRINGS

003 8130	Brass	L = 13.0mm	250
----------	-------	------------	-----



### TOP PINS

003 3030	Small Standard for Padlocks	L = 3.0 mm	250
003 3050	Standard	L = 5.0 mm	250



### F5 EXTRA KEYS

020 259	Key Blanks For Euro & Oval Profile Cylinders & Padlocks 45mm or Above
020 409	Key Blanks For Roller Shutters
020 259DK	F5 Differ Key
020 259MK	F5 Master Key



## R6 6 Pin

### CIRCLIPS

003 7011	Steel Circlip (250pcs)
----------	------------------------



QUANTITY PRICE

250

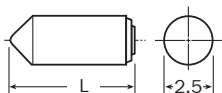
### MASTER WAFERS

003 9110	No 2	L = 1.0 mm		250
003 9120	No 4	L = 2.0 mm		250

QUANTITY

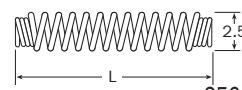
### BOTTOM PINS

003 2151	No 0	L = 5.1 mm	250
003 2156	No 1	L = 5.6 mm	250
003 2161	No 2	L = 6.1 mm	250
003 2166	No 3	L = 6.6 mm	250
003 2171	No 4	L = 7.1 mm	250
003 2176	No 5	L = 7.6 mm	250



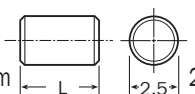
### SPRINGS

003 8130	Brass	L = 13.0mm	250
----------	-------	------------	-----

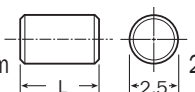


### TOP PINS

003 3150	Standard	L = 5.0 mm	250
----------	----------	------------	-----



003 4150	Mushroom	L = 5.0 mm	250
----------	----------	------------	-----



### R6 KEYS

020 839.U	R6 Key Blank (Key bow blank one side)
020 839DK	R6 Differ Key
020 839MK	R6 Master Key



### R6 PLUS KEY BLANKS

IS-020819	
IS020819DK	Differ Key

## F6 Extra Keys

020 609.U	F6 Key Blank
020 609DK	F6 Differ Key
020609MK	F6 Plus Master Key



## R11 Keys

020 9001	R11 Key Blank
020 9001DK	R11 Differ Key
020 9001MK	R11 Master Key



## R50 Keys

020 9901DK	R50 Differ Key
020 9901MK	R50 Master Key

## Accessories



### F5 Key Identifiers

IS-8008EFSR	Red
IS-8008EFSB	Blue
IS-8008EFSY	Yellow



### F6 Extra Key Identifiers

IS-8004EFSR	Red
IS-8004EFSB	Blue
IS-8004EFSY	Yellow



### R6 R11 R50 Key Identifiers

IS-8004FSR	Red
IS-8004FSB	Blue
IS-8004FSY	Yellow



### R6 R11 R50 Key Caps

IS-044180	Nylon Blue Key Cap - Covered
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## FURTHER COMPONENTS

### TEN TOOTH COG

IS-003271	Double Cylinder
IS-KN1175S	Thumbturn Version



### Double Clutch Function CAM

IS-003222	35mm
IS-003220	30mm
Available on Double Cylinder only	



These functions can be included on assembled cylinders if required. Enquire for details



### Security Escutcheon

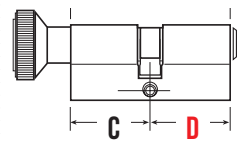
IS-SSDKC	TS007 2 STAR Security Escutcheon
(Please note: This product <b>cannot</b> be used with <b>R50</b> keys)	



## Anti-Barrier Cylinder & Turn

INCLUDES 3 KEYS WITH CYLINDER TO DIFFER.  
2 KEYS MASTER KEYED AND KEYED ALIKE

Anti-Barrier Turn - Turn system which enables access from outside with a key, even when the turn is being held inside



### F5

IS8244- 30 30 9  
IS8244- 35 35 9  
IS8244- 40 40 9

### R6

IS8844- 30 30 9  
IS8844- 35 35 9  
IS8844- 40 40 9

### R11

IS8944- 30 30 9  
IS8944- 35 35 9  
IS8944- 40 40 9

### F6 Extra

IS82F644- 30 30 9  
IS82F644- 35 35 9  
IS82F644- 40 40 9

### R50

IS8A44- 30 30 9  
IS8A44- 35 35 9  
IS8A44- 40 40 9

## Anti-Ligature Thumbturn Cylinder & Turn

SUITABLE FOR ALL  
CYLINDER PLATFORMS

Anti-Ligature Thumbturn Kit - Includes turn and escutheons (does not include cylinder)



IS-34810 Thumbturn & escutcheon  
Satin NICKEL



## Thumbturn both sides

Prices available on application



## Cylinder pull

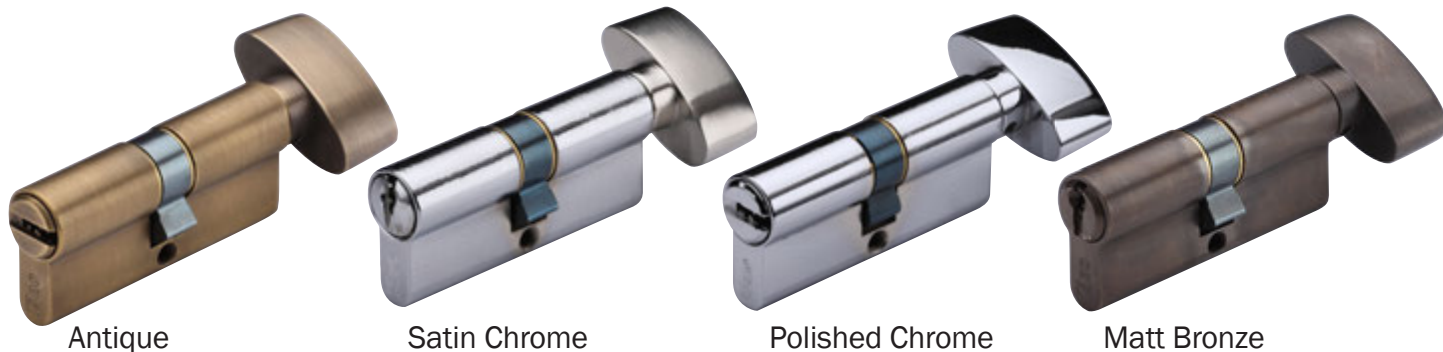
suitable for ISEO Rim Cyinders



IS-V930-PB Cylinder Pull  
Polished Brass

IS-V930-SC Cylinder Pull  
Satin Chrome

# ISEO Colours

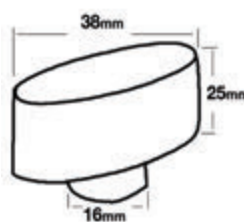


- \*Most cylinder types available in colour finishes.      \*Please enquire for details.
- When ordering use code **IS-SERVCOL** in addition to the regular product code and add £16.00 retail price. (Excludes additional MK/KA charge)
- Lead time for colour finishes 4 weeks from the date of ordering, stating finish required.
- Please be aware that colours shown here are representative only, and M.Marcus Ltd., do not guarantee colour matches as finishes are designed to be 'scheme complimentary' in nature.
- For cylinder orders less than 20 pieces an additional delivery surcharge may be applicable.

## Thumbturn Pieces

### CODE

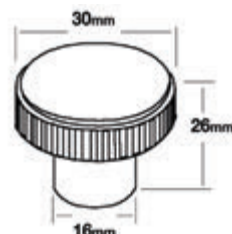
IS8219-TT7	BRASS
IS8219-TT9	NICKEL
IS8229-TT7	BRASS
IS8229-TT9	NICKEL
IS8289-TT7	BRASS
IS8289-TT9	NICKEL
IS8259-TT7	BRASS
IS8259-TT9	NICKEL



IS8219-TT7



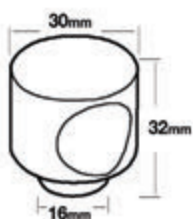
IS8219-TT9



IS8229-TT7



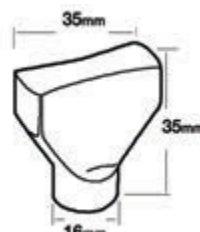
IS8229-TT9



IS8289-TT7



IS8289-TT9



IS8259-TT7



IS8259-TT9

# What is Master Keying?

- A master key system enables the owner/manager of a building (or group of buildings) to control the access rights of inhabitants and visitors to their property.
- Master key systems include the option of a master key which may allow access to every part of the property, while individuals may be issued with a key which allows them access to their own room/area, and shared areas of the building.
- Any building or group of buildings can be master keyed, from a basic system such as having a home secured all on one key, to the more complex systems where several buildings are secured on one master key, with each individual room also operating on an individual key.
- Master key systems are produced by software using mathematical algorithms to generate a set of cylinder pinning and key cutting information. The software calculates the system based on the data entered by your M. Marcus technical advisor in relation to the design of the suite. This is why it is so important that we get ALL of the relevant information about the suite before it is designed.
- Master Key systems are now calculated and generated within our Security Service centre in Dudley

## Factors to be Considered

Master key systems are designed using mathematical algorithms, and no two sets of pinning will be the same. Therefore it may be possible to get the maximum 60000 differs from one suite, but only 50000 differs from another. This is because all suites are generated in the first instance from a master key biting combination. Some biting combinations will allow for more differs than others due to the number of odd/even cuts and the size of the steps between cuts.

Your first order for a master key suite may only call for a small number of cylinders, but as the building becomes extended or the room designations change, you may need to add more cylinders, or include the use of a common entrance. You may even need to add another building to operate under the same master key.

We would need to know these future plans (to the best of your knowledge) at the point of suite design, otherwise such extensions may not be possible.

The addition of subs and common entrances on your master key suite will decrease the maximum number of differs possible on the suite. Your Territory Manager or technical advisor at M. Marcus will be able to talk through the options with you on larger, more complex suites.\*

\* Common entrance cylinders contain more master wafers than a standard differ cylinder. They are also used more frequently in most instances. The increase in moving parts in each pin chamber, along with the additional use can result in common entrance cylinders needing to be maintained/replaced more frequently than a standard differ cylinder.

## Important Information & key product facts

- We recommend that in order to maintain the smooth operation of your cylinder lock you lubricate from time to time using the following product (ISEO cylinders only): Interflon Finlube TF. There is no specific timed requirement for lubricating cylinders as atmospheric differences can vary from site to site. However, we recommend this particular lubricant be used should you feel that the cylinder operation is becoming less smooth.
- Master Keyed and Keyed Alike product lead time is generally 3-5 working days from the date of receipt of official purchase order.
- Additional keys/cylinders for previously manufactured systems will only be made upon receipt of a completed official letter of authority form, provided by M.Marcus Ltd, upon request. Where end users require alternative supply routes other than the originator.
- Although M.Marcus Ltd maintain a thorough and concise record of previous Master Key suites ordered for a maximum period of ten years from original date, we do not give a guarantee that suite extensions or additional cylinders/keys can be supplied after the original suite has been written.

## Ordering your Cylinders

To order your cylinder please insert prefix code. For example:

**IS8209**

followed by the size: **C** / **D**  
35 35

and then the finish: 9 = Nickel  
7 = Brass

Resulting in an order code - for the **F5** Double Differ Cylinder 70mm in Nickel finish in this example:

**IS8209-3535 9**

If you then require a Masterkeyed version or Keyed Alike version: Please use the suffix **MK** or **KA**

Using the example code above that would give:

**IS8209-3535 9 MK** [Masterkeyed]

**IS8209-3535 9 KA** [Keyed Alike]



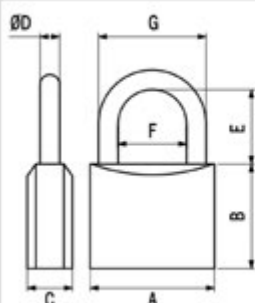


## INOX PADLOCKS

INOX padlocks are designed and manufactured by ISEO to offer corrosion and weather resistance.

They can be suitable for outdoor use in wet or rainy conditions.

These padlocks are manufactured from nickel plated, brushed brass and feature protective O-rings and a conventional curved shackle.

	ØD	G	CODE	A	B	C	ØD	E	F	G
			IS-02063007	30	29,5	13	5,1	16	16	26,2
			IS-02064007	40	37	14	6,3	23	22	34,6
			IS-02065007	50	40,5	17	8	29,5	27,5	43,5
			IS-02066007	60	42,5	18,5	9,5	37,5	31,5	50,5



### CHARACTERISTICS:

Dimensions (A): 50 mm  
Body: monoblock in nickel plated brushed brass  
Plus: protective O-ring  
Shackle: tempered, chrome plated steel  
Comes equipped with: 3 keys

Product code: IS-2065007 (Differ)  
IS-2065008V01 (Keyed Alike)



### CHARACTERISTICS:

Dimensions (A): 30 mm  
Body: monoblock in nickel plated brushed brass  
Plus: protective O-ring  
Shackle: tempered, chrome plated steel  
Comes equipped with: 3 keys

Product code: IS-2063007 (Differ)  
IS-2063008K1 (Keyed Alike)



### CHARACTERISTICS:

Dimensions (A): 60 mm  
Body: monoblock in nickel plated brushed brass  
Plus: protective O-ring  
Shackle: tempered, chrome plated steel  
Comes equipped with: 3 keys

Product code: IS-2066007 (Differ)



### CHARACTERISTICS:

Dimensions (A): 40 mm  
Body: monoblock in nickel plated brushed brass  
Plus: protective O-ring  
Shackle: tempered, chrome plated steel  
Comes equipped with: 3 keys

Product code: IS-2064007 (Differ)  
IS-2064008K1 (Keyed Alike)

\*KD individual key variant: each padlock has its own key. KA identical key variant: multiple padlocks (with same bitting) unlocked with the same key.



**30MM**



**40MM**



**50MM**



**60MM**

### Information for Ordering

CODE	DESCRIPTION	SIZE
IS-2063007	30MM INOX PAD	30mm
IS-2064007	40MM INOX PAD	40mm
IS-2065007	50MM INOX PAD	50mm
IS-2066007	60MM INOX PAD	60mm
IS-02063008K1	30MM INOX PAD KEYED ALIKE	30mm KA
IS-02064008K1	40MM INOX PAD KEYED ALIKE	40mm KA
IS-02065008V01	50MM INOX PAD KEYED ALIKE	50mm KA
IS-020079	BLANK KEY 30mm INOX PAD	For 30mm
IS-020159	BLANK KEY 40mm INOX PAD	For 40mm
IS-020359CS	BLANK for 50 & 60mm INOX PAD	50&60mm

### Padlocks and padlock fittings EN 12320:2012

Classification: For 30mm	0	1	5	1
Classification: For 40mm	1	1	5	1
Classification: For 50mm	1	1	5	2
Classification: For 60mm	1	1	5	2
	Category of use	Durability	Corrosion resistance	Security
	1	2	3	4

**1:** grade 1: for use by people with a high incentive to exercise care & with a small chance of misuse (e.g. residential doors)

**2:** grade 0: no requirements  
grade 1: 10 000 test cycles

**3:** grade 0: no defined corrosion resistance  
grade 1: low corrosion resistance (24h NSS)  
grade 2: moderate corrosion resistance (48h NSS)  
grade 3: high corrosion resistance (96h NSS)  
grade 4: very high corrosion resistance (240h NSS)  
grade 5: ultra high corrosion resistance (480h NSS)

**4:** grade 1-6: low to high security

# ISEO **CLARUS** Padlock

## MAIN APPLICATION:

Suitable for all the applications where solidity and resistance to brutal attack is needed. Examples are:

- Shutters
- Chains for motorcycles and bicycles
- Gates



## DRILLING PROTECTION:

- Carbonitrided steel cylinder protective plate limits drilling attacks and undesired openings



## RESISTANCE:

- One-piece body in carbonitrided steel
- Shackle made of hardened steel
- Shackle diam. 12 mm



## DURABILITY:

- Corrosion and weathering conditions resistant



**CLARUS Padlocks are supplied with 3 keys** AVAILABLE AS DIFFER ONLY

- Dimensions being:
- 66 mm
  - 75 mm
  - 84 mm

	ITEM CODE	DIM.
<div><div>Sizes shown are in mm</div><div><div><div>20</div><div>60</div><div>66</div></div><div><div>27</div><div>62</div><div>75</div></div><div><div>36</div><div>67</div><div>84</div></div></div></div>	<div>IS-P2406611S</div> <div>IS-P2407513S</div> <div>IS-P2408418S</div>	<div>66mm</div> <div>75mm</div> <div>84mm</div>



EN12320:2012 Classification

Category of use (one grade)	Durability (10,000 test cycles)	Corrosion Resistance (ultra high - 480h NSS)	Security (grades 1 - 6)
1	1	5	3



# PANIC EXIT DEVICES

NO PANIC, NO BACTERIA, NO ADDITIONAL COST.

**Anti**  
GERM



AntiGerm is an absolutely safe permanent antibacterial treatment which ISEO has decided to use on its range of Panic Exit Devices.

It is based on the slow and constant release of silver ions which penetrate the microbial organism and prevent its reproduction by attacking its DNA and finally inhibiting cellular respiration.

## 4.1 MILLION INFECTIONS IN EUROPEAN HOSPITALS

Infections in hospitals are often underestimated both from a medical and cultural point of view. Every year in Europe 4.1 million patients acquire an infection in hospitals.\*

\* Source: Sanità in Cifre, 23/02/2012

## 650+ BACTERIAL SPECIES

In a few minutes AntiGerm kills more than 650 viruses, molds, alga, mycosis and bacteria species (such as Legionella, Salmonella and MRSA) thanks to a continuous action 24 hours a day, 7 days a week reducing bacteria levels by 99%



ANTIGERM CERTIFICATION



## INDEX TO RANGES

presented by



m. marcus  
est. 1940

**ISEO** has an ability to integrate Italian high design and technical innovation into a range of emergency exit devices that are setting new standards in both design and performance.

ISEO offers, without compromise, a wide range of emergency exit hardware devices together with a choice of superior finishes to compliment the appearance of any project.

ISEO emergency exit devices endure rigorous testing to achieve the performance and fire resistance requirements of either BS EN1125 or BS EN 179 emergency exit devices as applicable.

ISEO emergency exit devices can be installed to most door material types by adding the relevant additional components found within the accessories section of this catalogue.

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**UK RANGE**

**PULLMAN RANGE**

**TOUCH RANGE**

**ENDUR4NCE RANGE**

**INOX RANGE**

**TRIM ACCESS DEVICES**

**PUSH SIRENA**

**PANIC HARDWARE ACCESSORIES**

**BELVEDERE FOR GLASS DOORS**



Applicable  
where you see  
these symbols



For use on  
fire doors



For use on  
escape doors



**CERTIFICATE OF APPROVAL**  
**NO CF 5233**



## Product certifications



# OUR STANDARDS.

## THE NEW 2008 EN179:2008 STANDARDS FOR PANIC EXIT & EMERGENCY DEVICES

The new standards do not oblige ISEO to introduce any further changes to its products, as they are already designed in total compliance with the new regulations which have been effective since January 1, 2009.

Dealers will be allowed to sell the products marked according to the old standards until stock exhaustion, without time limits.

ISEO dealers know they are selling products which fully complied with the standards before January 1, 2009, and for which only the mark has been changed.

The new certificates also show compliance of products with the previous mark.



Our products have also obtained the ICIM "P" voluntary certification which provides for further external testing to assert product quality.

### Warning

The field of application of these panic exit devices is limited to the following:

Maximum door mass	Maximum door height	Maximum door width	Temperature interval
200 Kg	2520 mm	1320 mm	-10°C +60°C

The limits indicated above are identified by EN1125 standard. ISEO Serrature declares that the performances of the devices and their accessories are in compliance with the requirements of the standard, for doors with mass max. 200 kg, height max. 3400 mm and width max. 1500 mm.

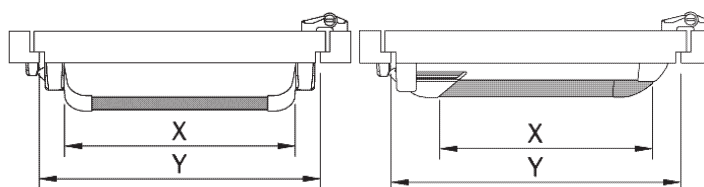


Fig. 1

Fig. 1

The effective length (dimension X) of the bar shall be as near as possible to the effective width (dimension Y) of the door for which the device is intended, but never less than 60% (Fig.1)

The door leaves and frames must be made of a material with sufficient rigidity to ensure that any distortions that occur during use can not exceed 5 mm in any position. The device must be fitted to the door leaf using materials that guarantee a tensile strength for each screw of >1,5KN.

## Products certifications

Iseo Serrature has been awarded by Warrington Certification Limited (WCL) the certificate of conformity with EN 1125:08 standard allowing to apply the CE mark on panic exit devices, compulsory from 01/04/2003.

ISEO panic exit devices have already obtained the Voluntary Product Certification by an independent organisation, ICIM, as provided for in EN 1125:08.

The ICIM voluntary certification establishes stricter requirements than the CE mark.

All the updated certificates can be downloaded from our web site: [www.m-marcus.com](http://www.m-marcus.com)

## How to read the marking **EN 1125:2008**

Not suitable for fire/smoke doors	3	7	6	0	1	4	2	2	A	A
Suitable for fire/smoke doors	3	7	6	B	1	4	2	2	A	A
	Category of use	Durability	Test door mass	Suitability for use on fire/smoke resistant doors	Safety	Corrosion resistance	Security	Projection of device	Type of bar operation	Field of application
	1	2	3	4	5	6	7	8	9	10



### Category of use.

There is only one category which refers to a high frequency of use where there is little incentive to exercise care, i. e. where there is a chance of an accident and misuse.

### Durability.

There are two grades of durability.  
grade 6 = 100,000 operations  
grade 7 = 200,000 operations

### Test door mass.

There are three door mass categories:  
grade 5 = up to 100 kg  
grade 6 = up to 200 kg  
grade 7 = over 200 kg

### Suitability for use on fire/smoke resistant doors.

Three fire/smoke resistance categories:  
grade 0 = not suitable for fire/smoke resistant doors  
grade A = suitable for smoke resistant doors  
grade B = suitable for fire/smoke resistant doors

### Safety.

There is only one category representing the maximum grade, since panic exit devices must ensure people's safety.

### Corrosion resistance.

There are two categories as per prEN1670:  
grade 3 = 96 h (high resistance)  
grade 4 = 240 h (very high resistance)

### Security.

Only one grade of security shall be used: the security requirements are secondary to those of safety.

### Projection of device.

There are two categories:  
grade 1 = bar projection up to mm 150 (large projection)  
grade 2 = bar projection up to mm 100 (standard projection)

### Type of bar operation.

There are two types of operations:  
A = panic exit device with "push-bar" operation  
B = panic exit device with "touch-bar" operation (Push-Bar)

### Field of application.

There are three categories:  
A = single door, double door: active or inactive leaf  
B = single door only  
C = double door, inactive leaf only

For further information please refer to  
EN1125:97+ A1:2001 standard.





## UK RANGE

### EMERGENCY EXIT DEVICE

## Features

- CE marked
- Simple to install
- Easily reversible
- High usage - tested to 200,000 cycles
- Aesthetically pleasing design
- Rounded edges for safe usage
- Suitable for most door types
- Outside access device to be ordered separately

## Classification

### EN 1125:2008

3	7	6	B	1	4	2	2	B	A
---	---	---	---	---	---	---	---	---	---

### EN 179:2008

3	7	6	A	1	4	4	2	A	B
---	---	---	---	---	---	---	---	---	---



For use on  
escape doors





LATERAL FIXING



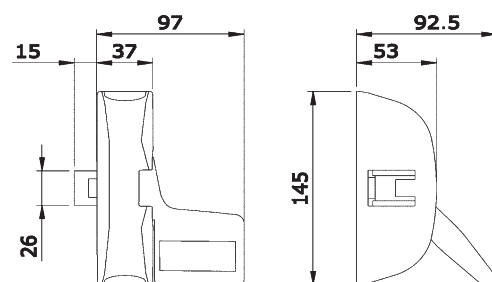
## Push Pad Latch Emergency Exit Device

Ref: **IS946-1000705**

Finish: **Grey**

### UK RANGE

- For use on single doors
- Suitable for most door types in accordance with EN179:2008
- Operated by means of push pad

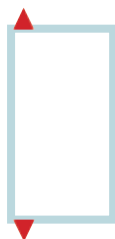


Standard  
**EN 179:2008**  
(see explanation opposite)

Signage not included and must be ordered separately



Ref: **IS-XY0815-S**



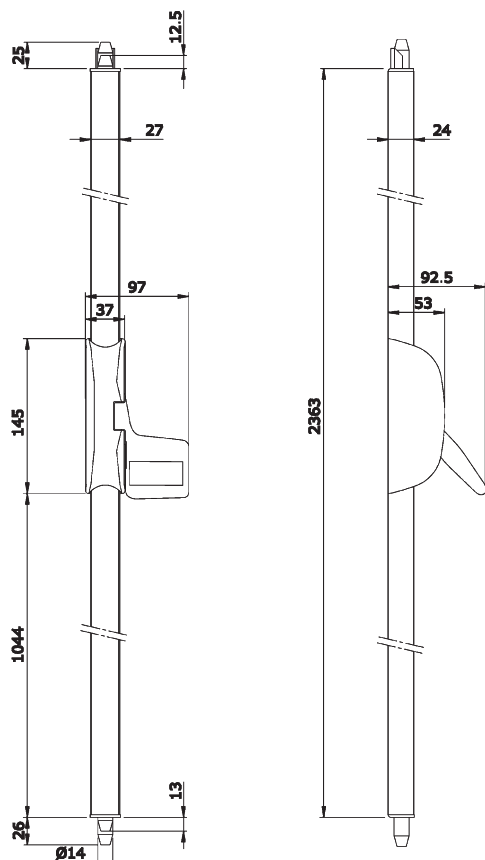
VERTICAL 2 POINT FIXING

## Push Pad Bolt Emergency Exit Device

Ref: **IS947-2020704**

Finish: **Grey**

- For use on single doors
- Suitable for most door types in accordance with EN179:2008
- Rods and Covers to a maximum door height of 2400mm
- Operated by means of push pad
- Non-rebated double doors



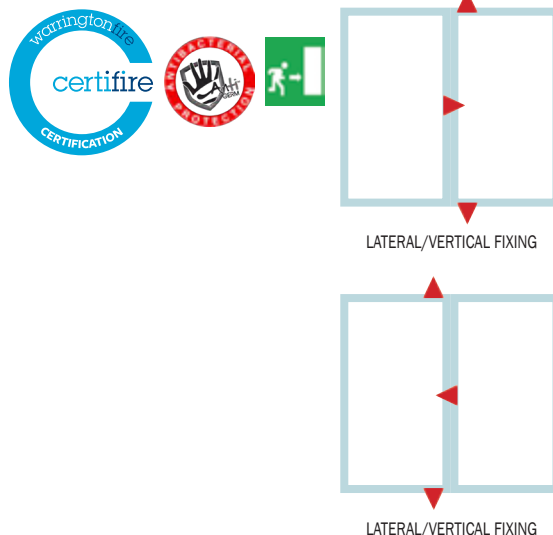
Standard

**EN 179:2008**

Emergency exit devices in compliance with standard EN 179 are conceived to be used where there is a very low probability for panic situations to happen, people are aware of the use of the emergency exit device and qualified for it. The aim of the standard requirements is mainly to ensure a reliable and safe evacuation through a door making use of the minimum effort, even though a prior knowledge of the door device might be necessary.





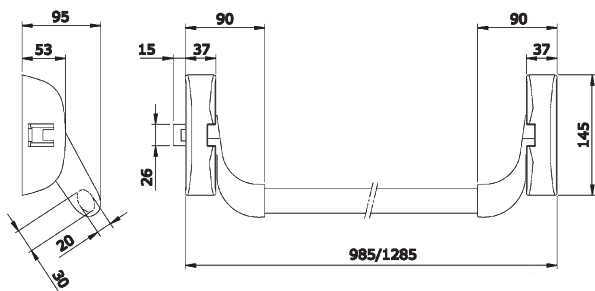


## Reversible Panic Latch Emergency Exit Device

Ref: **IS941-1083775**

Finish: **Grey**

- For use on single doors, or as active leaf on double rebated door sets (See IS943-5083335 right)
- Bar supplied is 985mm in width, for wider doors add bar IS945-923 (up to 1130 mm)
- Pre-set for manual hold open device
- Pre-set for micro switch
- EN-1125:2008



## Rebated Double Door Package Emergency Exit Device

Ref: **IS943-5083775**

Finish: **Grey**

- For use on rebated door sets
- Bar supplied is 985mm in width
- For specifics refer to page 5
- EN-1125:2008



Signage not included and must be ordered separately



Ref: **IS-XY0815-S**



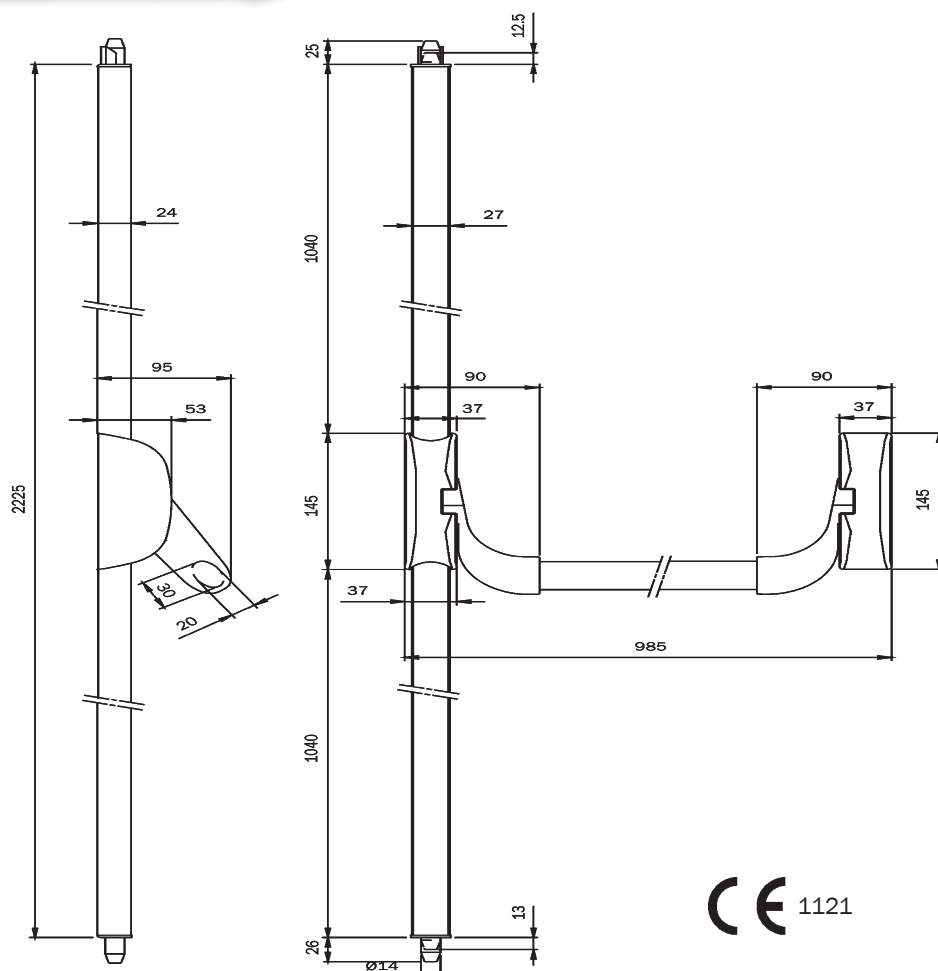
VERTICAL 2 POINT FIXING

## Vertical Panic Bolt Emergency Exit Device

Ref: **IS943-2083774**

Finish: **Grey**

- For use on single doors, or as passive leaf on double rebated door sets (See IS943-5083335 right)
- Bar supplied is **985mm** in width, For wider doors add bar IS945-923 (up to 1130mm)
- Suitable for doors up to 2225mm high, for taller doors add rods and covers set, IS943-00303 (up to 3400mm)
- Anti - thrust
- 2 point locking for higher security
- Pre-set for manual hold open device
- Pre-set for micro switch
- EN-1125:2008





## PULLMAN RANGE

### EMERGENCY EXIT DEVICE

## Features

- Anti – thrust
- Pre-set for manual hold open device
- Easily reversible
- Simple to install
- Pre-set for micro switch
- Attractive aesthetic design
- Rounded edges for safer usage
- No exposed moving parts
- Compatible with any ISEO external access device ORDERED SEPARATELY

## Classification

### EN 1125:2008

3	7	6	B	1	4	2	2	B	A
---	---	---	---	---	---	---	---	---	---

### EN 179:2008

3	7	6	A	1	4	4	2	A	B
---	---	---	---	---	---	---	---	---	---



For use on  
fire doors



For use on  
escape doors







LATERAL FIXING



LATERAL TOP/MIDDLE/BOTTOM FIX

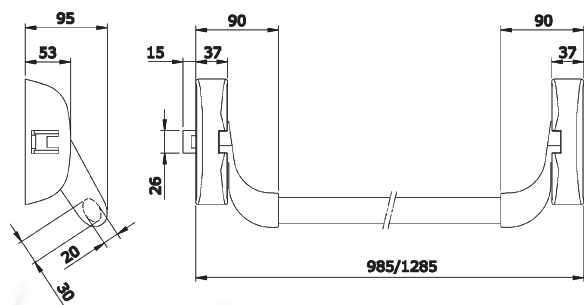


### Single Panic Latch Emergency Exit Device

Ref: **IS941-4113774**

Finish: **Grey**

- For use on single doors,  
or as active leaf on double rebated door sets
- Bar supplied is 1285mm in width
- EN-1125:2008



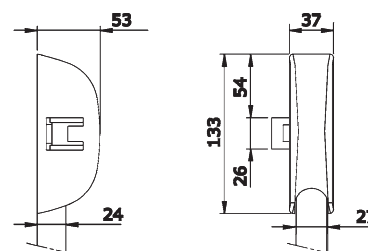
### 3 Point Lateral Side Latching Emergency Exit Device

Ref: **IS941-6113774**

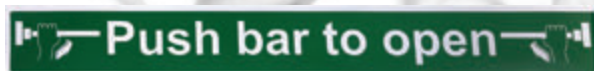
Finish: **Grey**

**Dimensions as Diagram 1 except side latching  
top and bottom (see Diagram 2)**

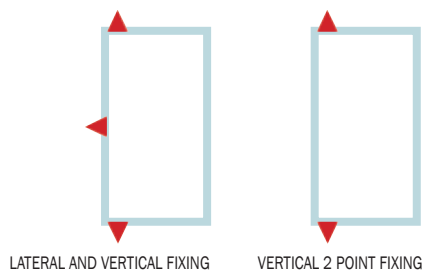
- For use on single doors only
- Bar supplied is 1285mm in width
- Suitable for doors up to 2256mm in height  
for taller doors add rods and covers set  
IS941-00303 (up to 3400mm)
- EN-1125:2008



Signage not included and must be ordered separately



Ref: **IS-XY0815-S**

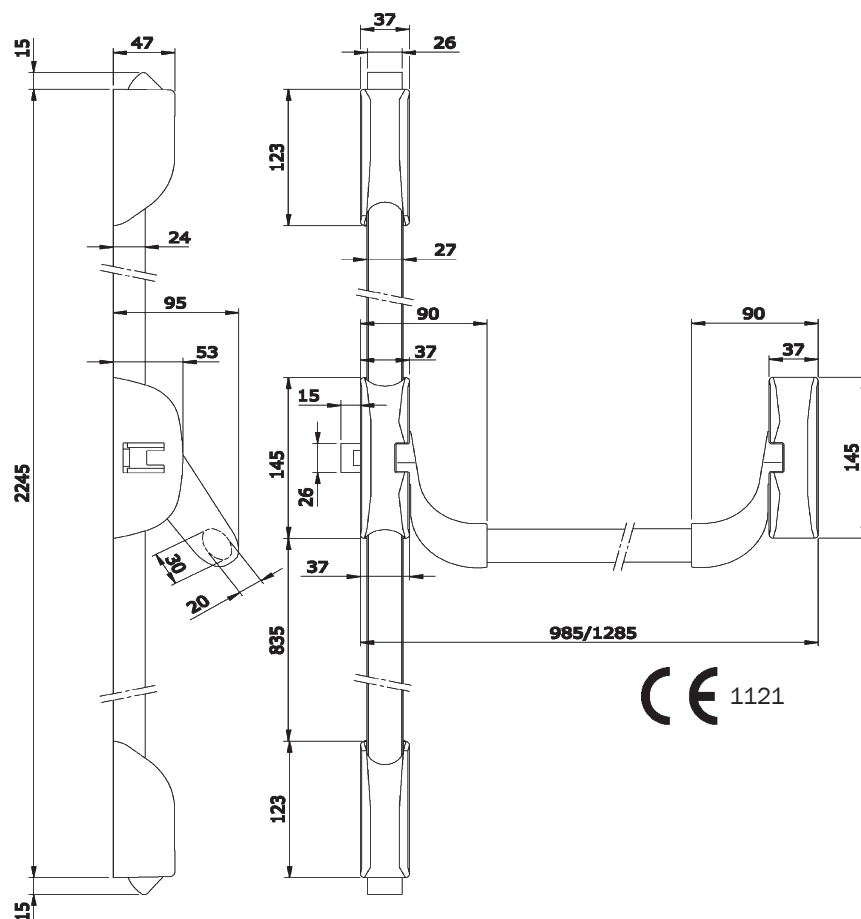


### 3 Point Vertical Emergency Exit Device

Ref: **IS941-3113774**

Finish: **Grey**

- For use on single doors, or as passive leaf on double rebated door sets
- Bar supplied is 1285mm in width
- Suitable for doors up to 2245mm in height, for taller doors add rods and covers set, IS941-00303 (up to 3400mm)
- Can be modified to two point latch
- EN-1125:2008





## TOUCH RANGE

### EMERGENCY EXIT DEVICE

## Features

- Anti – thrust
- Pre-set for manual hold open device
- Easily reversible
- Simple to install
- Pre-set for micro switch
- Attractive aesthetic design
- Rounded edges for safer usage
- No exposed moving parts.
- Fast and easy to install reducing labour time
- Compatible with any ISEO external access device ORDERED SEPARATELY

## Classification

### EN 1125:2008

3	7	6	B	1	4	2	2	B	A
---	---	---	---	---	---	---	---	---	---

### EN 179:2008

3	7	6	A	1	4	4	2	A	B
---	---	---	---	---	---	---	---	---	---



For use on  
fire doors



For use on  
escape doors







LATERAL FIXING



LATERAL TOP/MIDDLE/BOTTOM FIX

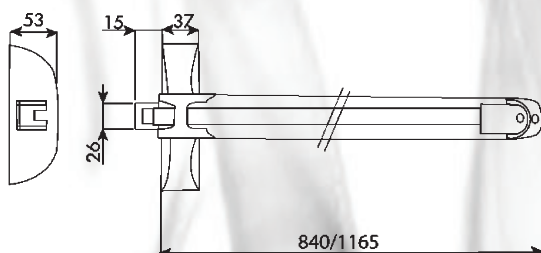


## Single Panic Latch

Ref: **IS942-41175VT**

Finish: **BLACK/GREEN**

- For use on single doors, or as active leaf on double rebated door sets.
- Bar supplied at **1172mm** width, can be shortened to 330mm
- EN-1125:2008



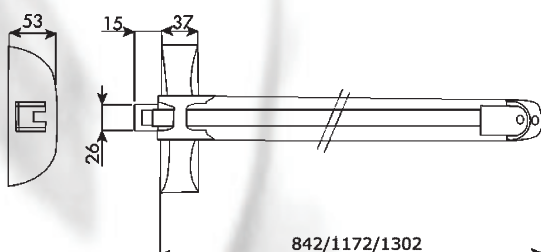
## Single Panic Latch

Ref: **IS942-413058T**

Finish: **Black/Red**



- For use on single doors, or as active leaf on double rebated door sets.
- Bar supplied at **1302mm** width, can be shortened to 330mm
- EN-1125:2008



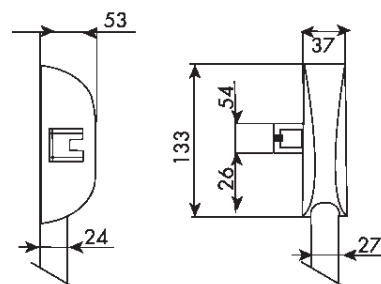
## 3 Point Lateral Side Latching Emergency Exit Device

Ref: **IS942-60845VT**

Finish: **Black/Green**

Dimensions as Diagram 1 except side latching top and bottom (see Diagram 2)

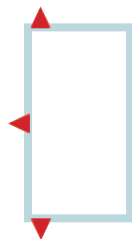
- For use on single doors only
- Bar supplied at **842mm** width, can be shortened to 330mm
- Suitable for doors up to 2245mm in height, for taller doors add rods and covers set, IS941-00305 (up to 3400mm)
- EN-1125:2008



Signage not included and must be ordered separately



Ref: **IS-XY0815-S**



LATERAL AND VERTICAL FIXING



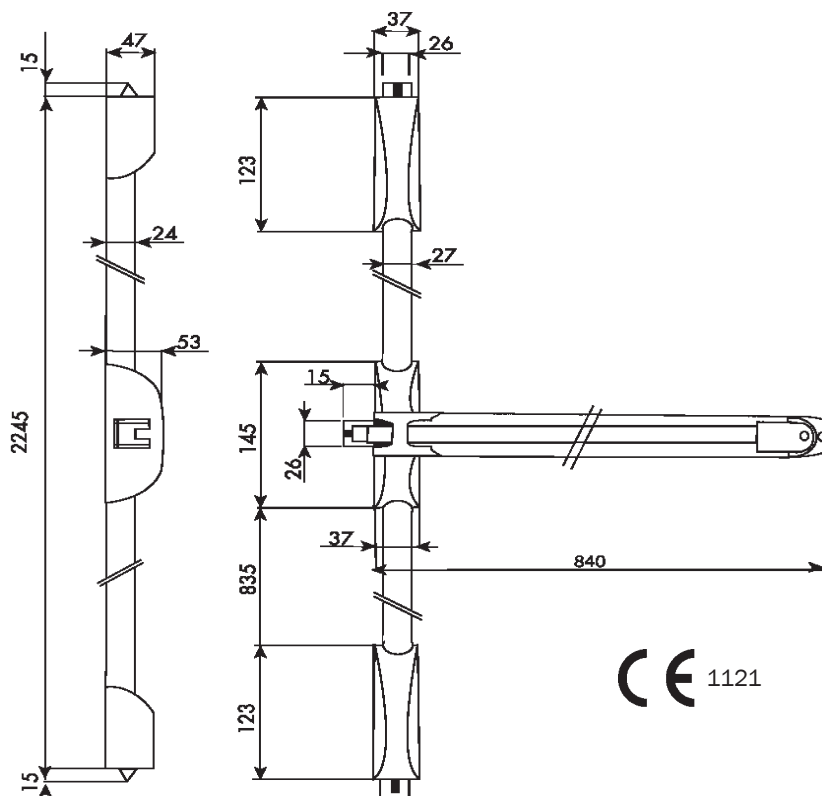
VERTICAL 2 POINT FIXING

### 3 Point Vertical Emergency Exit Device

Ref: **IS942-30845VT**

Finish: **Black/Green**

- For use on single doors, or as passive leaf on double rebated door sets
- Bar supplied at **842mm** width, can be shortened to 330mm
- Suitable for doors up to 2245mm in height, for taller doors add rods and covers set, IS941-00305 (up to 3400mm)
- EN-1125:2008



CE 1121



The ENDUR4NCE finish combined with the ANTIGERM antibacterial treatment makes ISEO panic exit devices ideal for installation in particularly corrosive environmental conditions, in public facilities and for all applications where hygiene and safeguarding health are fundamental prerequisites, such as: hospitals, clinics, nursing homes, crèches and nursery schools.

The superior corrosion resistance of the visible components of ISEO rim type panic exit devices is matched by the latches in stainless steel, while the self-locking systems on all latches increases burglary resistance.

## ENDUR4NCE RANGE

### EMERGENCY EXIT DEVICE

## Features

ENDUR4NCE has been developed in response to the need to give panic exit devices a durable surface finish. Conceived by ISEO, this finish has an attractive metal-like appearance and is extremely hard-wearing.

The ENDUR4NCE finish is applied in a 3-step process:

- With a CROMITATE PRIMER layer
- An initial layer of powder coat paint
- A second coat of liquid based paint combined with the ANTIGERM permanent antibacterial treatment

In-house testing conducted in compliance with the standard UNI EN 1670 demonstrate the excellent performance of this finish, which resists up to 1000 hours of neutral salt spray (NSS) corrosion testing.

## Classification

### EN 1125:2008

3	7	6	B	1	4	2	2	A	A
---	---	---	---	---	---	---	---	---	---

### EN 179:2008

3	7	6	A	1	4	4	2	A	B
---	---	---	---	---	---	---	---	---	---



For use on  
fire doors



For use on  
escape doors







#### AVAILABLE FOR:

- TOUCH
- PULLMAN



## ENDUR4NCE RIM TYPE

**ISEO** presents ENDUR4NCE, a new highly durable finish **available for both Push and Touch versions of ISEO panic exit devices.**

ENDUR4NCE is enriched by the AntiGerm\* treatment. The long-lasting anti-bacterial action of this treatment ensures all-round safety and protection in any environment.

The ISEO range of rim type panic exit devices is modular and includes versions with one, two or three latching points.

All ISEO panic devices are conceived, designed and manufactured in Italy: offering yet another guarantee of superlative quality.



#### AVAILABLE FOR:

- PRO-EXIT

## ENDUR4NCE MORTICE TYPE EASY EXIT-EMOTION EXIT

Panic exit devices with the ENDUR4NCE finish may be used with the mechanical and electromechanical automatic locks of the Multiblindo Exit\*\* range. This means that the durability, resilience and elegance of ENDUR4NCE is combined with the security guaranteed by the locks, in a single ISEO system.

\*\* See Multiblindo brochure for more information.

## ENDUR4NCE

### FIRE RESISTANT MORTICE TYPE

ENDUR4NCE is synonymous with durability, even in particularly corrosive environmental conditions and in high traffic locations.

ENDUR4NCE also stands for strength and elegance. Installing panic exit devices with this new finish lends a touch of harmony and style to any environment, even the most elegant.

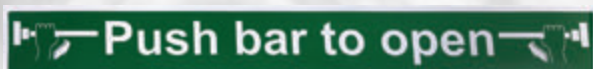
The distinctive visual appearance of this finish also contributes to accentuating the sense of robustness and safety of the door itself.



#### AVAILABLE FOR:

- INFILARE
- TOUCH INFILARE
- PALMO

Signage not included and must be ordered separately



Ref: **IS-XY0815-S**



Code

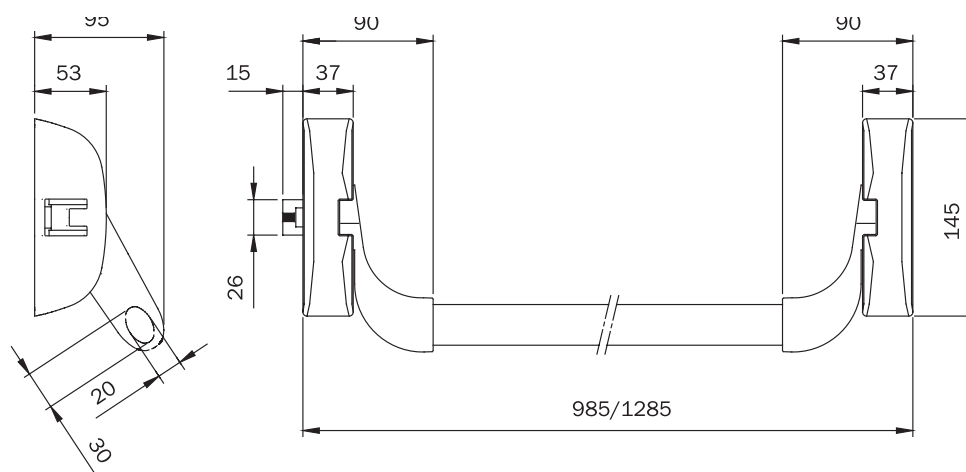
Retail Price



## PULLMAN ENDUR4NCE



\* Central Bar to be ordered separately. See page 61 (opposite) - Item **IS945-92R** (or **-93R**)



**ENDUR4NCE** Exit modular central mechanism

**IS941-4000R04**

YES

Before installation on fire/smoke resistant doors please check the compatibility of the accessories.

Signage not included and must be ordered separately



Ref: **IS-XY0815-S**



Code

Retail Price

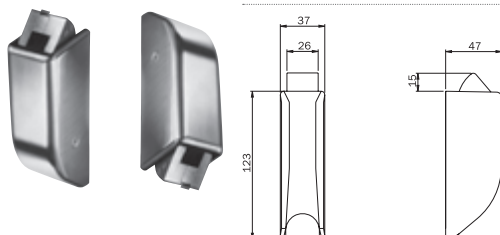


## Accessories ENDUR4NCE finish

Pair of latches with **ENDUR4NCE** finish for **PULLMAN** and **TOUCH** panic exit devices. Top/bottom vertical locking.  
Self-locking stainless steel latch suitable for fire resistant doors.  
Supplied with keeps. Fixing screws.

**IS941-0201R04**

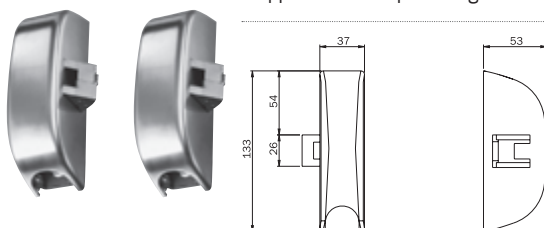
YES



Pair of latches with **ENDUR4NCE** finish for **PULLMAN** and **TOUCH** panic exit devices. Vertical locking.  
Self-locking stainless steel latch suitable for fire resistant doors.  
Supplied with keeps. Fixing screws.

**IS941-0203R04**

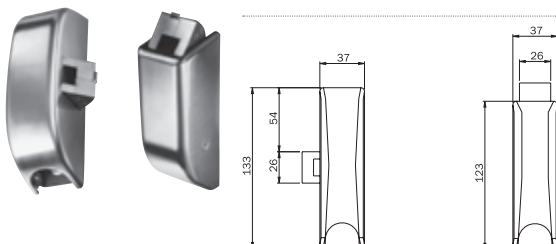
YES



Pair of latches with **ENDUR4NCE** finish for **PULLMAN** and **TOUCH** panic exit devices. Vertical locking.  
Self-locking stainless steel latch suitable for fire resistant doors.  
Supplied with keeps. Fixing screws.

**IS941-0204R04**

YES



**ENDUR4NCE** finish rods and covers for **PULLMAN** and **TOUCH**.

One keep for two wings, without spacers. **Cap for pushbar lateral latch.**



For doors with maximum height 2400mm

**IS941-0020R**

YES



For doors with maximum height 3400mm

**IS941-0030R**

YES



**ENDUR4NCE** finish **horizontal** oval bar for exit devices **PULLMAN** only.

Length 1130mm

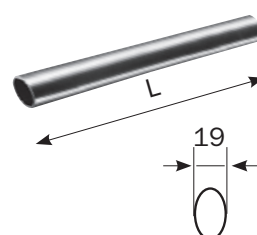
**IS945-92R**

YES

Length 1330mm

**IS945-93R**

YES





**PULLMAN ENDUR4NCE : application scheme for single leaf doors**

IS941-4000R04	●	●	●	●	●	●	●
IS941-0201R04		●			●		
IS941-0204R04				●			●
IS941-0203R04			●			●	
IS945-92R L IS945-93R L	* ●	* ●	* ●	* ●	* ●	* ●	* ●
IS941-0020R IS941-0030R		* ●	* ●	* ●	* ●	* ●	* ●
IS-568000R	○		○ ○	○ ○		○ ○ ○	
IS940-1100RT IS940-2100RT	* ○	* ○	* ○	* ○	* ○	* ○	* ○
IS940-9130RE							
IS941-00060	○	○	○	○	○	○	○
IS941-00070	○	○	○	○	○	○	○

● = Necessary items ( ● ● = 2 pcs, ● ● ● = 3 pcs)

\* = Choose one item only

○ = Optional items ( ○ ○ = 2 pcs, ○ ○ ○ = 3 pcs)

**PULLMAN** ENDUR4NCE : application scheme for double doors

IS941-4000R04		● ●	● ●	● ●	● ●
IS941-0201R04		●	●	●	● ●
IS941-0204R04					
IS941-0203R04			●	●	
IS945-92R L IS945-93R L		* ● ●	* ● ●	* ● ●	* ● ●
IS941-0020R IS941-0030R		* ●	* ● ●	* ● ●	* ● ●
IS-56800R		△	△ △	△ △ △	
IS940-1100RT IS940-2100RT		* ○	* ○	* ○	* ○
IS940-9130RE					
IS941-00060		○ ○	○ ○	○ ○	○ ○
IS941-00070		○ ○	○ ○	○ ○	○ ○

● = Necessary items (● ● = 2 pcs, ● ● ● = 3 pcs)

\* = Choose one item only

○ = Optional items (○ ○ = 2 pcs, ○ ○ ○ = 3 pcs)

△ = The type of installation depends on the door frame

( △ △ = 2 pcs, △ △ △ = 3 pcs)

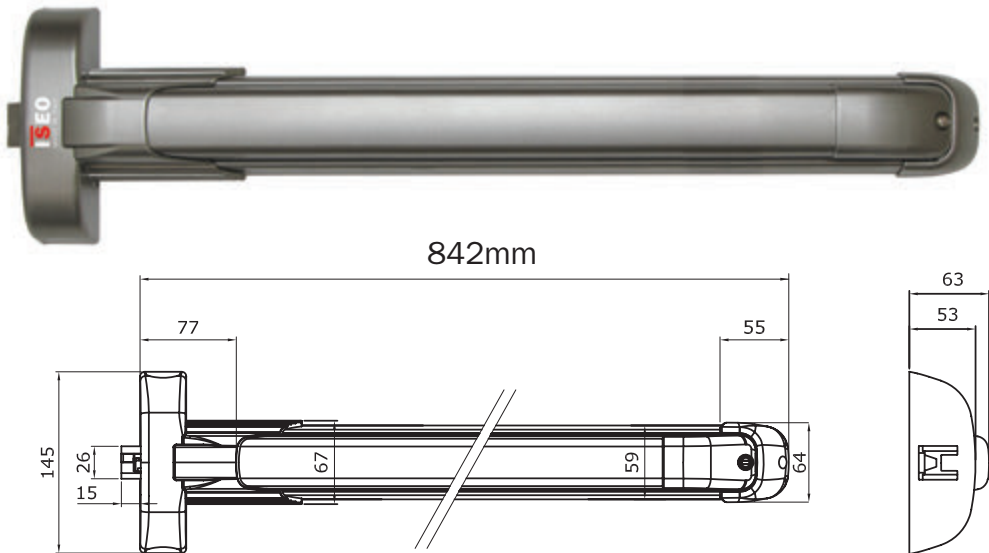


Code

Retail Price



**TOUCH** ENDUR4NCE



Modular **TOUCH** Bar **842mm**

IS942-4084RRT

YES

**WHITE AND METAL GREY ON REQUEST**

Before installation on fire/smoke resistant doors, please check the compatibility of the accessories.

Signage not included and must be ordered separately



Ref: **IS-XY0815-S**



Ext TRIM lever **ENDUR4NCE** F5

IS940-1100RT

YES

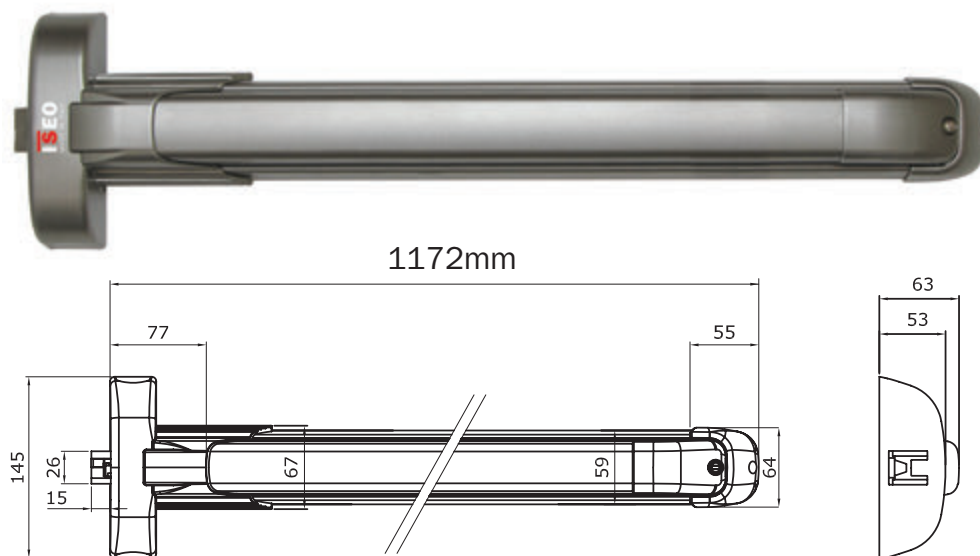


Code

Retail Price



## TOUCH ENDUR4NCE



Modular **TOUCH** Bar **1172mm**

**IS942-4117RRT**

YES

### WHITE AND METAL GREY ON REQUEST

Before installation on fire/smoke resistant doors, please check the compatibility of the accessories.

Signage not included and must be ordered separately



Ref: **IS-XY0815-S**



Ext TRIM lever **ENDUR4NCE** F5

**IS940-1100RT**

YES



**TOUCH ENDUR4NCE : application scheme for single leaf doors**

IS942-***RRT	●	●	●	●	●	●	●
IS941-0201R04		●			●		
IS941-0204R04				●			●
IS941-0203R04			●			●	
IS941-0020R IS941-0030R		* ●	* ●	* ●	* ●	* ●	* ●
IS940-1100RT IS940-2100R	* ○	* ○	* ○	* ○	* ○	* ○	* ○
IS940-9130RE							
IS-568000R	○		○ ○	○ ○		○ ○ ○	○ ○ ○
IS942-00060	○	○	○	○	○	○	○
IS941-00040	○	○	○	○	○	○	○
IS941-00050		○ ○	○ ○	○ ○	○ ○	○ ○	○ ○

● = Necessary items ( ● ● = 2 pcs, ● ● ● = 3 pcs )

\* = Choose one item only

○ = Optional items ( ○ ○ = 2 pcs, ○ ○ ○ = 3 pcs )

**TOUCH ENDUR4NCE : application scheme for double doors**

IS942-***RRT	● ●	● ●	● ●	● ●
IS941-0201R04	●	●	●	● ●
IS941-0204R04				
IS941-0203R04		●	●	
IS941-0020R IS941-0030R	* ●	* ● ●	* ● ●	* ● ●
IS940-1100RT IS940-2100R	* ○	* ○	* ○	* ○
IS940-9130RE				
IS-568000R	△	△ △	△ △ △	
IS942-00060	○ ○	○ ○	○ ○	○ ○
IS941-00040	○ ○	○ ○	○ ○	○ ○
IS941-00050	○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○

● = Necessary items ( ● ● = 2 pcs, ● ● ● = 3 pcs)

\* = Choose one item only

○ = Optional items ( ○ ○ = 2 pcs, ○ ○ ○ = 3 pcs)

△ = The type of installation depends on the door frame

( △ △ = 2 pcs, △ △ △ = 3 pcs)



## INOX RANGE

STAINLESS STEEL P.V.D. FINISH

### Features

- Aisi Grade 304 Stainless Steel bar with P.V.D. coating
- 10 year finish guarantee
- Ideal for areas with high humidity
- Easily reversible
- Simple to install
- High usage - tested to 200,000 cycles
- Aesthetically pleasing design
- Rounded edges for safe usage
- Compatible with any ISEO external access device ORDERED SEPARATELY

### Classification

#### EN 1125:2008

3	7	6	B	1	4	2	2	B	A
---	---	---	---	---	---	---	---	---	---

#### EN 179:2008

3	7	6	A	1	4	4	2	A	B
---	---	---	---	---	---	---	---	---	---



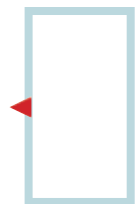
For use on  
fire doors



For use on  
escape doors







LATERAL FIXING



LATERAL TOP/MIDDLE/BOTTOM FIX

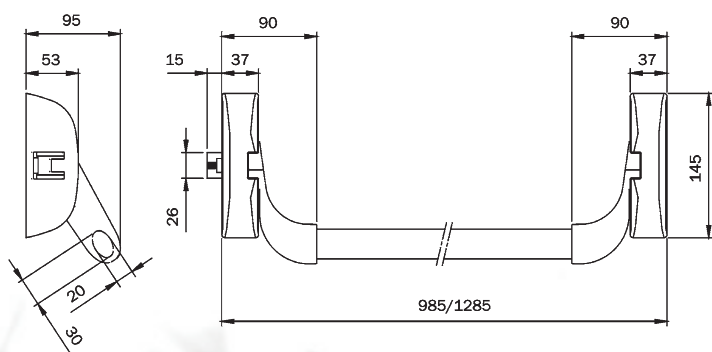


## Reversible Panic Latch Emergency Exit Device

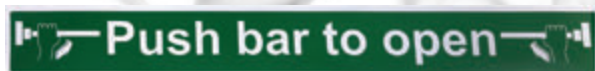
Ref: **IS941-4113224**

Finish: **Stainless Steel  
PVD Finish**

- For use on single doors,  
or as active leaf on double rebated door sets
- Bar supplied is **1285mm** in width, for  
wider doors add INOX bar IS945-932  
(up to 1300mm)
- EN-1125:2008



Signage not included and must be ordered separately



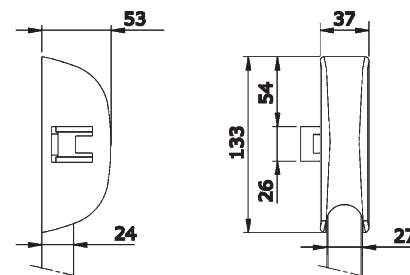
Ref: **IS-XY0815-S**

## 3 Point Lateral Side Latching MODULAR FORMAT

Finish: **Stainless Steel PVD**

Dimensions as Diagram except side  
latching top and bottom

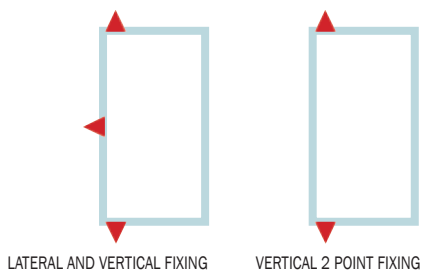
- For use on single doors, or as passive  
leaf on double rebated door sets
- Pre-set for manual hold open device
- Pre-set for micro switch
- No exposed moving parts
- EN-1125:2008



## MODULAR FORMAT

To order this version please use codes below

CODE	DESCRIPTION	QTY
IS941-4113224	INOX Panic Latch kit	x1
IS941-00202	Rods & covers suitable for 2400mm height doors	x1
IS941-0203524	Lateral latches - pair	x1
IS941-00112	Side Keep	x2



### 3 Point Vertical Emergency Exit Device MODULAR FORMAT

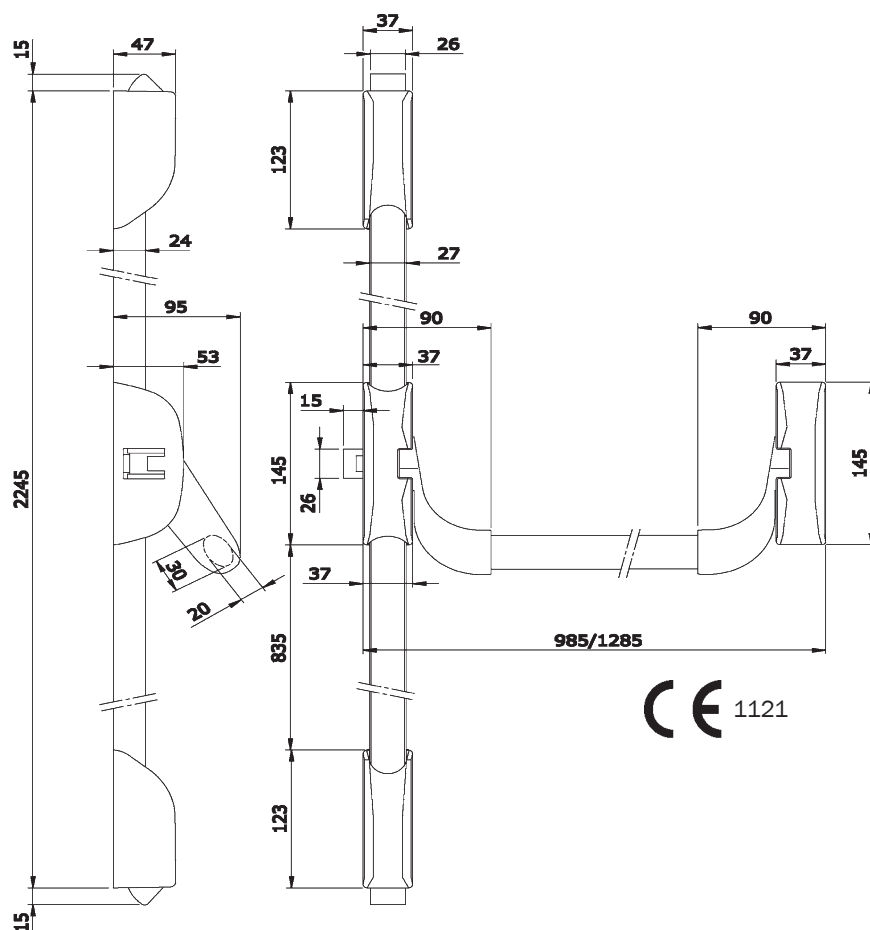
Finish: **Stainless Steel**  
**PVD Finish**

- For use on single doors, or as passive leaf on double rebated door sets
- Suitable for doors up to 2245mm in height, for taller doors add rods and covers set, IS941-00303 (up to 3400mm)
- Can be modified to two point latch
- Pre-set for manual hold open device
- Pre-set for micro switch
- No exposed moving parts
- EN-1125:2008

#### MODULAR FORMAT

To order this version please use codes below

CODE	DESCRIPTION	QTY
IS941-4113224	INOX Panic Latch kit	x1
IS941-00202	Rods & covers suitable for 2400mm height doors	x1
IS941-0201524	Vertical latches - pair	x1
IS941-00112	Side Keep	x1
IS941-00227	Floor Keep	x1



**Belvedere**
  
 Patch Fittings for Glass Doors
   
 Page(s) 87-94



\*IPX5 = PROTECTION AGAINST WATER SPRAY



## TRIM-TRONIC

ELECTRONIC EXTERNAL CONTROL FOR PANIC EXIT DEVICES  
WITH ACCESS CONTROL FUNCTION

### FUNCTIONS & TECHNICAL CHARACTERISTICS

- Usable with ISEO mechanical rim lock panic exit bars with 1, 2 and 3 latch points (including at top and/or bottom of door).
- Reversible: may be installed on both right and left handed doors.
- Handle enabled temporarily with an remote electrical control signal (button 1):
  - pulses shorter than 6 seconds in duration enable the handle for 6 seconds;
  - pulses longer than 6 seconds in duration enable the handle for the entire duration of the pulse.
- The handle may also be enabled by inserting, turning and removing the mechanical key.
- An electrical control (button 2) may be used to disable use of the mechanical key until the next time the lock is opened electrically (with button 1).
- As well as supplying the unit with power, the power cable with connector may also be used to transmit and receive remote signals for illuminated signage and for the door aperture and key disable functions.
- Power: 12 V DC, maximum current absorption 2A





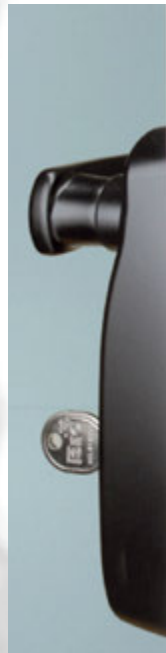
# Trim-Tronic



ELECTRONIC EXTERNAL  
CONTROL FOR PANIC  
EXIT DEVICES WITH  
ACCESS CONTROL  
FUNCTION

**Trim-Tronic** may replace any ISEO external mechanical control, and is an innovative solution that offers access control functionality from the outside of the door while retaining panic exit functionality on the interior side. The unit may be activated electronically from an internal or external remote control system, such as a push-button panel, digicode panels, badge reader etc., in which case the control only allows access for a preset period of time.

**Trim-Tronic** may also be used with a key and handle, like a conventional external control, and also features a remote key disable function. If required, a non-removable key function may be configured during installation of the control. The handle of the Trim-Tronic control also includes a vandal protection system.





The **Trim-Tronic** external control has been designed in compliance with the standards EN 1125 and EN 179 to be used in conjunction with all rim lock ISEO panic exit and emergency devices, in all door, lock and latch point configurations, and may be installed easily on any type of door (aluminium, PVC, wood etc.).

### INSTALLATION IN OUTDOOR APPLICATIONS

With a **protection rating of IPX5\*** (casing offering protection against water spray). The **Trim-Tronic** control is also suitable for outdoor applications.

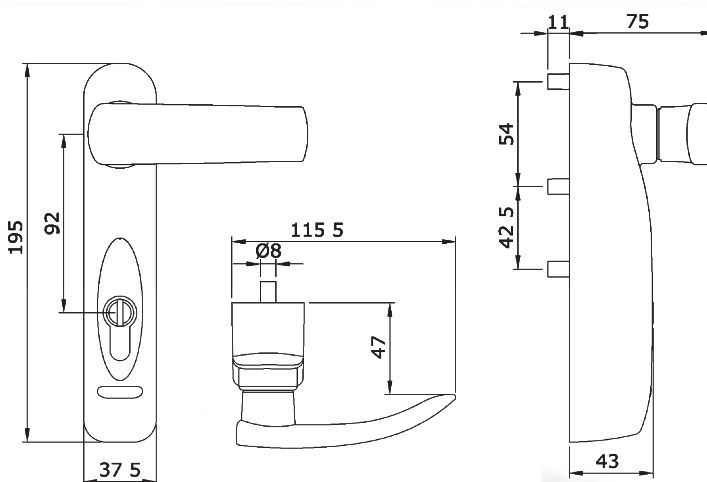
### THE STATUS OF THE TRIM-TRONIC CONTROL IS INDICATED AS FOLLOWS:

- **Flashing green LED:** handle temporarily enabled
- **Green LED lit steadily:** handle opened with mechanical key
- **Red LED lit steadily:** handle not enabled

### Trim-Tronic

Ref: **IS940-91305E**

Finish: **Black**



### \*Explanation of IP protection rating:

The IP (International Protection) rating is a convention defined by the standard EN 60529 (adopted and implemented by CEI as the standard CEI 70-1) to identify the degree of protection of the outer casings of electrical and electronic devices (with rated voltages up to 72.5kV) against intrusion by solid objects or liquids.

The prefix IP is followed by two characters.

#### **X5 = Protection against water spray**

Water sprays from all directions and produced by nozzles with a diameter of 6.3 mm must not cause any harmful effects.

- Test duration: 1 [min] per square meter, for at least 3 [min]
- Water flow rate: 12.5 [l/min]
- Water pressure: 100 [kPa] at a distance of 3 [m]







## TRIM ACCESS DEVICES

FOR PANIC HARDWARE

### Features

- All compatible with any ISEO Panic Exit Devices featured within this publication
- High durability tested
- Aesthetically designed





### Lever Handle With 5 Pin Single Cylinder

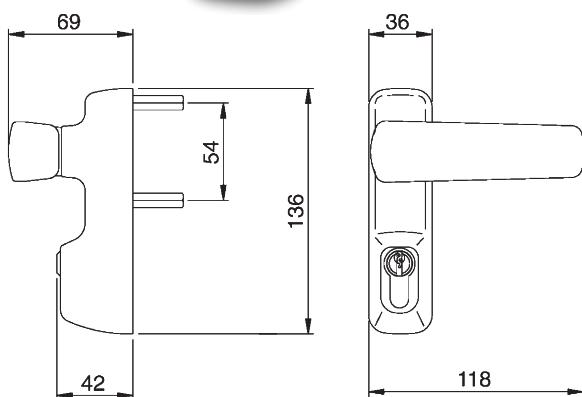
Ref: **IS940-11007 - GREY**

Ref: **IS940-11005 - BLACK**

Ref: **IS940-11002T - INOX**

Ref: **IS940-1100RT - ENDUR4NCE**

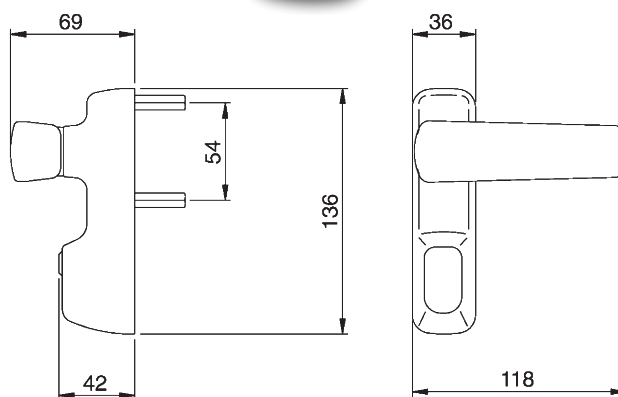
- Can be used with any 40mm euro single cylinder
- Lever fitted with Anti-Vandalism feature



### Lever Handle Without Cylinder

Ref: **IS940-14007 - GREY**

Ref: **IS940-14005 - BLACK**



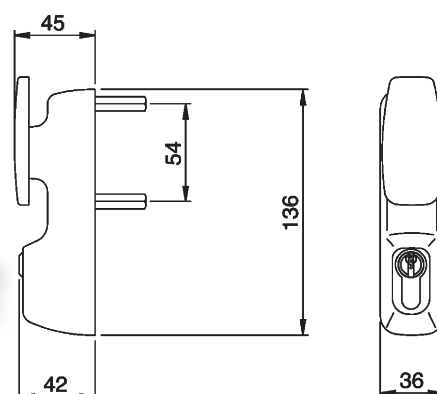
### Vertical Lever Handle With 5 Pin Cylinder

Ref: **IS940-12007 - GREY**

Ref: **IS940-12005 - BLACK**

Ref: **IS940-12002T - INOX**

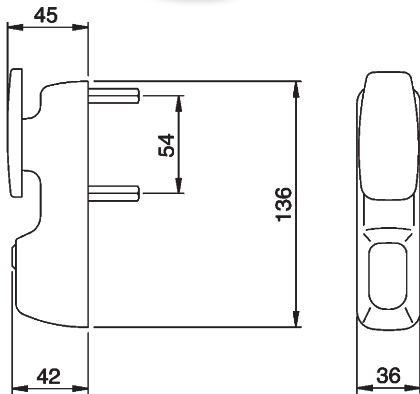
- Can be used with any 40mm euro single cylinder



### Vertical Lever Handle Without Cylinder

Ref: **IS940-15007 - GREY**

Ref: **IS940-15005 - BLACK**

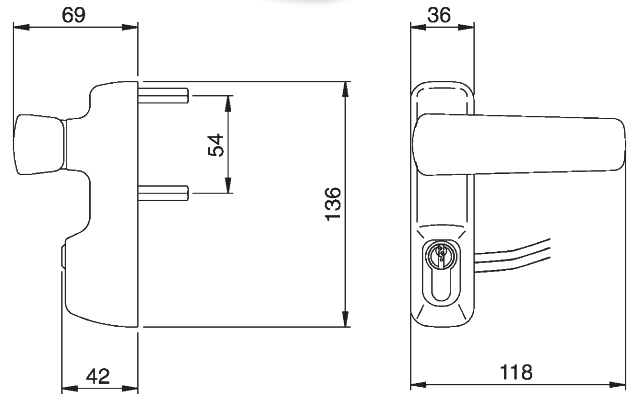


### Lever Handle With 5 Pin Cylinder & Micro Switch

Ref: **IS940-11017T - GREY**

Ref: **IS940-11015T - BLACK**

- Can be used with any 40mm euro single cylinder
- Lever fitted with Anti-Vandalism feature
- Lever fitted with Microswitch

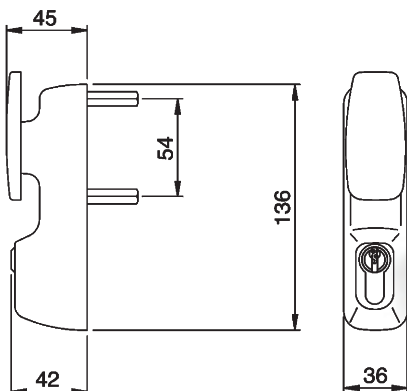


### FIXED Knob With 5 Pin Cylinder

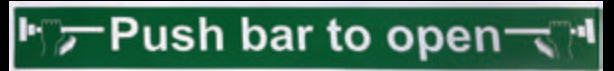
Ref: **IS940-13007 - GREY**

Ref: **IS940-13005 - BLACK**

- Can be used with any 40mm euro single cylinder
- Fixed lever design
- Requires key after every action



Signage not included and must be ordered separately



Ref: **IS-XY0815-S**



Escape routes represent a guarantee for people's safety in case of fire or emergency. Yet, they are always critical points for the security of the buildings and the goods they contain. If not adequately monitored, they become the ideal way for intruders to walk in and out. Push Sirena by ISEO offers the solution to these problems.

No need for complex and expensive alarm systems on your door. Push Sirena is installed as a traditional panic exit device but has an acoustic alarm: when it is activated, it immediately detects any unauthorized opening of the escape route door. Therefore, it represents the ideal solution for shops, small warehouses and all places where escape routes need constant monitoring.

Through a selector operated by a key half-cylinder the user can program the functions and choose the device status, namely: ON, OFF and BREAK (courtesy function allowing exit without triggering the alarm). If the bar is pressed and the alarm is ON, the powerful siren emits a strong acoustic signal (90dB). The device LEDs show the current status as well as the battery status.



To order Push Sirena use the following order codes:

**Sirena Attachment Grey : IS942-00093**

**Sirena Attachment Black : IS942-00095**

Please note that ISEO Touch Bar is ordered separately

## Device Status (Key operated)

- OFF:  
the bar can be pressed without triggering the alarm.
- ON:  
the alarm, both acoustic and visual, comes into operation when the bar is pressed.
- Break or courtesy function:  
a temporary status (5 sec.) within the ON status allowing exit without triggering the alarm.
- Ongoing alarm:  
when the alarm is ON and the bar is pressed, the device emits a strong acoustic signal and a red LED flashes.

## PUSH SIRENA

### ALARMED PERMANENT SECURITY FOR PUBLIC SPACES

- Courtesy function allowing exit without alarm.
- Alarm reset by key only.
- Acoustic and LED signals showing the device and battery status.
- Powered by 2 AA alkaline batteries (over 2 years of life without alarms).
- 3-level battery charge indicator allowing scheduled replacement.
- Selector compatible with European half-cylinders (size 30+10 with 8-position DIN cam).

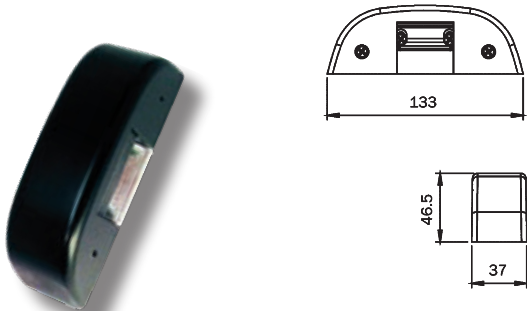




## PANIC HARDWARE ACCESSORIES

### Electric Strike

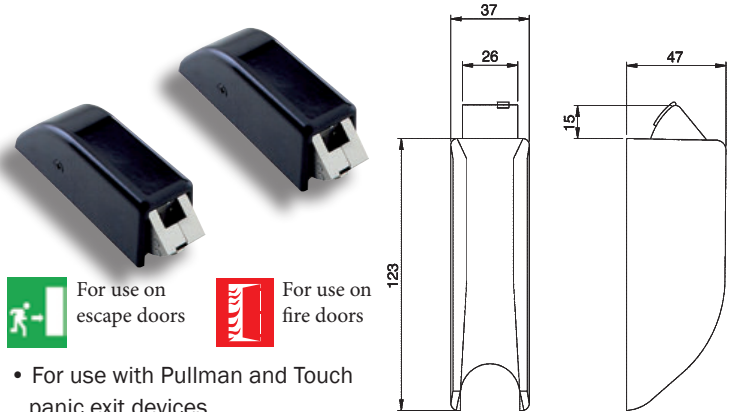
Ref: **IS568-0003 - GREY**  
**IS568-0000 - BLACK**



- Suitable for use with Pullman and Touch panic exit devices
- 12V - 15 Watt (AC)
- For INOX finish add cover plate IS568-0012
- Anti-thrust feature

### Pair Of Steel Vertical Latches

Ref: **IS941-0201704 - GREY**  
**IS941-0201504 - BLACK**



For use on  
escape doors



For use on  
fire doors

- For use with Pullman and Touch panic exit devices
- Self locking
- Steel latch suitable for fire doors
- Anti-thrust feature

### PVD Lateral Latch

Ref: **IS941-0203524 - INOX**  
pair

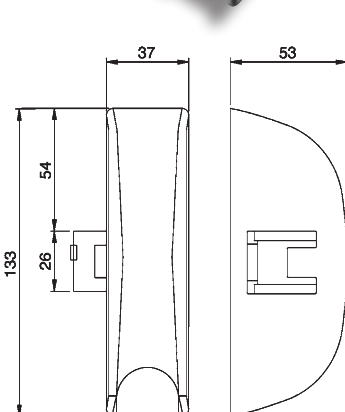
- For ISEO INOX Panic Exit Device
- Self Locking
- Suitable for fire doors
- Anti-thrust feature



For use on  
escape doors



For use on  
fire doors



### PVD Vertical Latch

Ref: **IS941-0201524 - INOX**  
pair

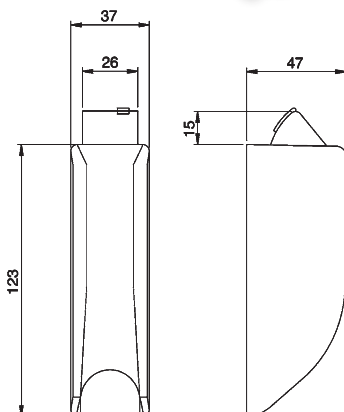
- For ISEO INOX Panic Exit Device
- Self Locking
- Suitable for fire doors
- Anti-thrust feature



For use on  
escape doors



For use on  
fire doors



### PVD Vertical/ Lateral Latch

Ref: **IS941-0204524 - INOX**  
pair

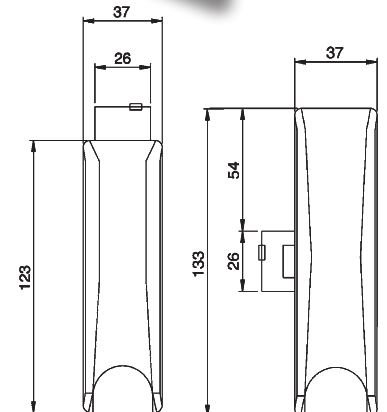
- For ISEO INOX Panic Exit Device
- Self Locking
- Suitable for fire doors
- Anti-thrust feature



For use on  
escape doors



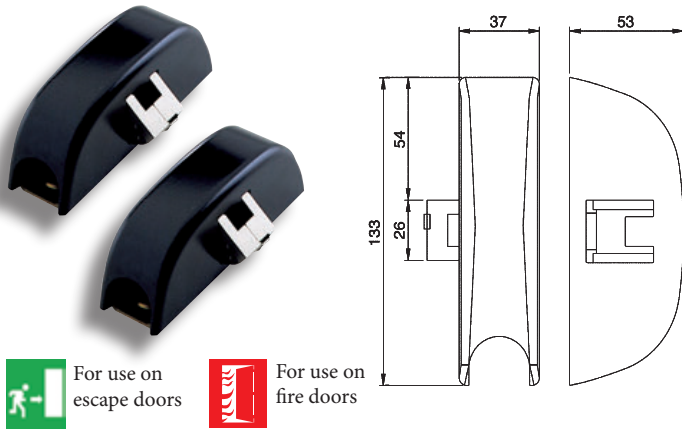
For use on  
fire doors



## PANIC HARDWARE ACCESSORIES

### Pair of Lateral Latches

Ref: **IS941-0203704 - GREY**  
**IS941-0203504 - BLACK**



For use on  
escape doors

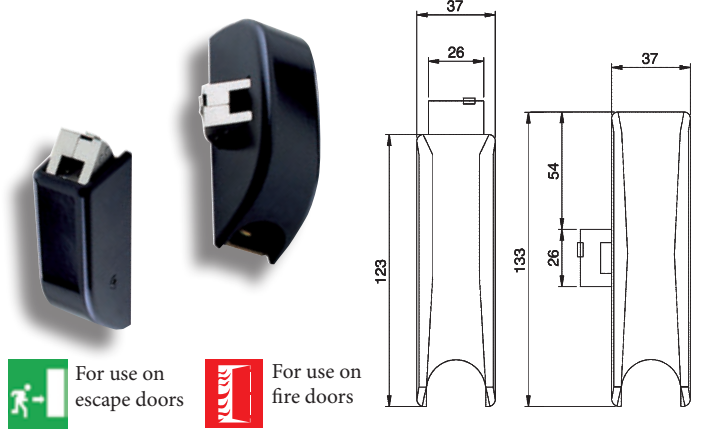


For use on  
fire doors

- Suitable for use with Pullman and Touch panic exit devices
- Self locking
- Steel latch suitable for fire doors
- Anti-thrust feature

### Pair of Vertical & Lateral Mix Latches

Ref: **IS941-0204704 - GREY**  
**IS941-0204504 - BLACK**



For use on  
escape doors



For use on  
fire doors

- Suitable for use with Pullman & Touch panic exit devices
- Self locking
- Steel latch suitable for fire doors
- Anti-thrust feature

### Replacement Central Mechanisms

Ref: **IS941-4000704 - GREY**



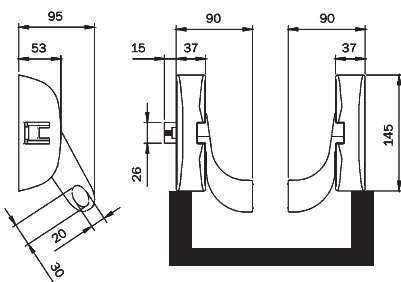
For use on  
escape doors



For use on  
fire doors



- Use ONLY with Pullman panic exit devices
- Use with all variations of latching points
- Steel latch suitable for fire doors
- NOT Suitable for use with UK panic hardware rods & bolts
- Anti-thrust feature



### INOX Replacement Central Mechanisms

Ref: **IS941-4000524 - INOX**



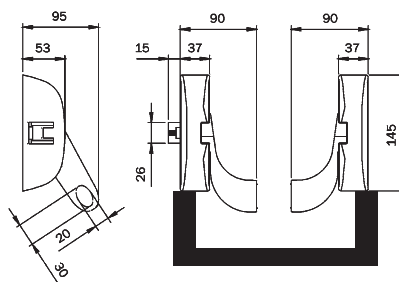
For use on  
escape doors



For use on  
fire doors



- Use with INOX panic exit devices
- Use with all variations of latching points
- Steel latch suitable for fire doors
- NOT Suitable for use with UK panic hardware rods & bolts
- Anti-thrust feature



### 1300mm Long Touch Bar Unit

Ref: **IS942-413058T Finish: Black/Red**



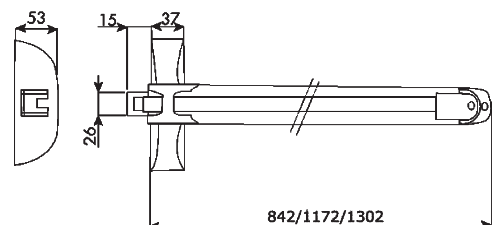
For use on  
escape doors



For use on  
fire doors



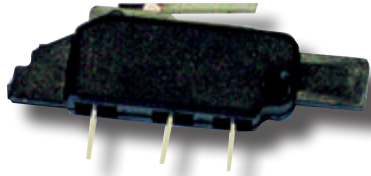
- Single panic latch
- Can be either vertical, lateral or vertical lateral mix by adding relevant component parts of rods, covers & latches (accessories section)
- For use on doors up to 1300mm in width
- Anti-thrust feature



## PANIC HARDWARE ACCESSORIES

### Micro-switch

Ref: **IS941-00060**



- Mechanisms for UK, Pullman and INOX, are pre-set for this microswitch
- Used to detect door opening
- Can be used with security system

### Micro-switch For Touch Devices

Ref: **IS942-00060**



- Mechanisms for Touch panic are bar pre-set for this microswitch
- Used to detect door opening
- Can be used with security system

### Thermo-expanding Gasket Kit

Ref: **IS940-00030**

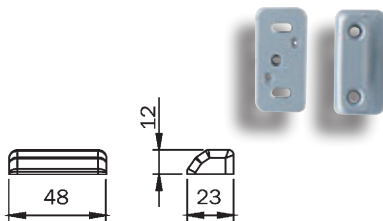


- Suitable for use with UK, Pullman, Touch & INOX devices
- For use with smoke doors

### Side Striker

Ref:

**IS941-00112 - INOX**  
**IS941-00110 - BLACK**  
**IS941-00117 - GREY**

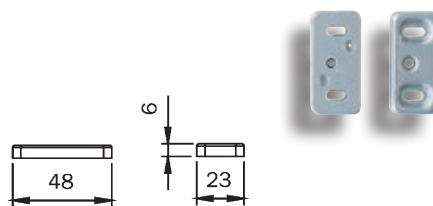


- Suitable for use with UK, Pullman, Touch & INOX panic exit devices
- For lateral latch, single or double

### Lateral Striker For Double Doors

Ref:

**IS941-00102 - INOX**  
**IS941-00100 - BLACK**  
**IS941-00107 - GREY**

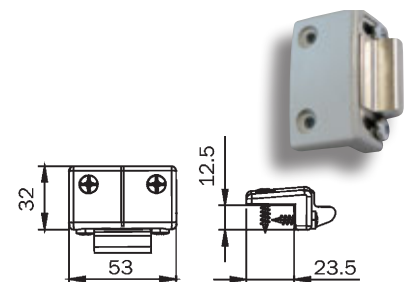


- Suitable for use with UK, Pullman, Touch & INOX panic exit devices

### Lateral Keep For PVCu Doors

Ref:

**IS941-00152 - INOX**  
**IS941-00150 - BLACK**  
**IS941-00157 - GREY**



- IUse in bracket of UK, Pullman & INOX panic exit devices
- For use with profiles with an overlap of 14 to 24mm

### UK Range 3400mm Rods & Covers

Ref:

**IS943-00307 - GREY**



### 2400mm Rods & Covers

Ref:

**IS941-00202 - INOX**  
**IS941-00205 - BLACK**  
**IS941-00207 - GREY**



### 3400mm Rods & Covers

Ref:

**IS941-00302 - INOX**  
**IS941-00305 - BLACK**  
**IS941-00307 - GREY**



## PANIC HARDWARE ACCESSORIES

### Hold Open Device

Ref: **IS941-00070**



- Use in bracket of UK, Pullman & INOX panic exit devices
- Mechanically holds panic exit device in 'open' mode

### Fixing Plate For Central Mechanism

Ref: **IS941-00040**



- Suitable for use with UK, Pullman, Touch & INOX panic exit devices
- For use with steel doors

### Fixing Plate For Top & Bottom Latches or Bolts

Ref: **IS941-00050**

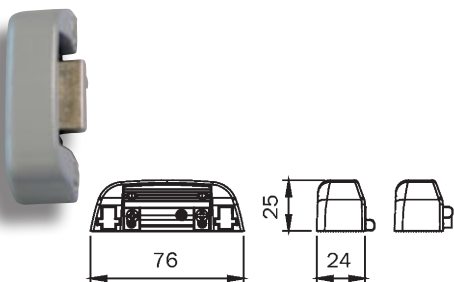


- Use with UK, Pullman, Touch & INOX panic exit devices

### Adjustable Keep

Ref:

**IS941-00132 - INOX**  
**IS941-00130 - BLACK**  
**IS941-00137 - GREY**

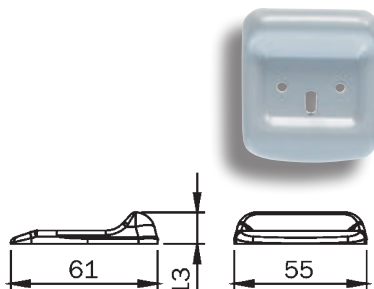


- Suitable for use in bracket of UK, Pullman & INOX panic exit devices
- Use with profiles with an overlap up to 11mm

### Floor Keep

Ref:

**IS941-00127 - INOX**  
**IS941-00120 - BLACK**  
**IS941-00227 - GREY**

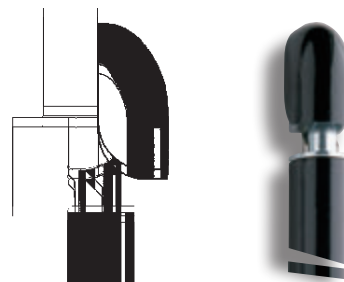


- Suitable for use with Pullman & Touch panic exit devices

### IDEA UK Top Keep (for PVCu doors)

Ref:

**IS943-00167 - GREY**



- Suitable for UK panic exit devices only

### Blanking Plates for Latch Piece

Ref:

**IS941-00705 - BLACK**  
**IS941-00707 - GREY**



- Suitable for use with all Ranges

### Blanking Plates for Rods

Ref:

**IS-KW50395C**



- Suitable for use with Touch Range only

### Long Central Bar

**IS945-932 - INOX - 1130mm**

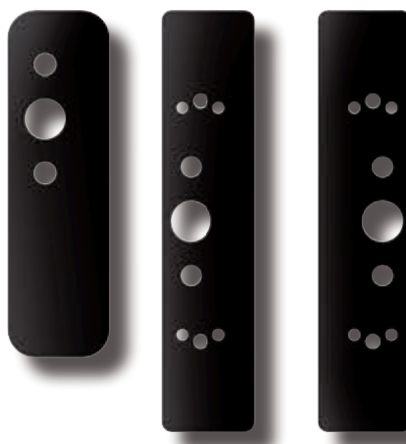
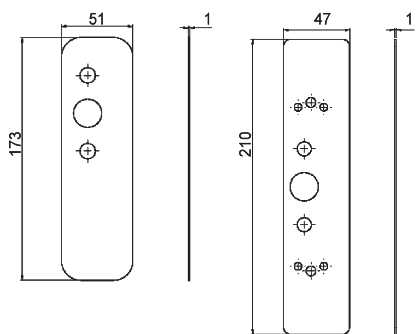
**IS945-927 - GREY - 1130mm**

**IS945-928 - RED - 1130mm**

**IS945-929 - GREEN - 1300mm**

- Suitable for use with:  
UK, Pullman & INOX panic exit devices





## RETROFIT PLATES

FOR THE REPLACEMENT OF PANIC EXIT DEVICES NOT MANUFACTURED BY ISEO

### Retrofit Plates

Ref: **IS941-00655**

- Kit made of:  
a plate for external control and two plates for devices





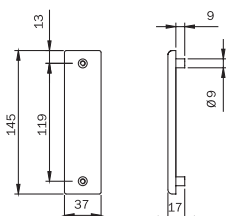
## **Belvedere**

ASSEMBLY KIT FOR GLASS DOORS

### **Fittings for:**

- ISEO Bolt
- Pullman and Touch
- Panic Exit Devices

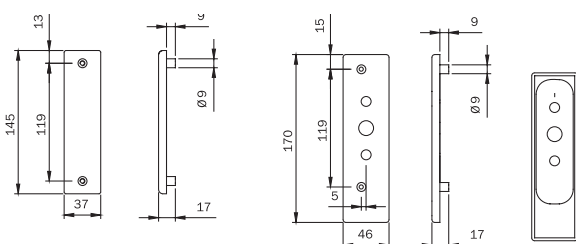
## Belvedere



Assembly kit for glass doors thickness max 12 mm. **FOR CENTRAL LOCK ASSEMBLY TYPE - PULLMAN | BOLT WITHOUT EXTERNAL CONTROL.** Reversible. PVD finish cover plates, gaskets, fixing screws. Instructions.

IS941-00506

External right-hand



Assembly kit for glass thickness max 12 mm. **FOR CENTRAL LOCK ASSEMBLY TYPE - PULLMAN | BOLT CAN BE USED WITH EXTERNAL CONTROL FOR DOOR OPENING.**

PVD finish cover plates, gaskets, fixing screws. Instructions.

**Can be used in conjunction with:**

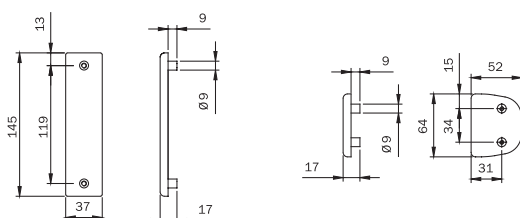
**EXTERNAL RIGHT-HAND**

IS941-00516

**EXTERNAL LEFT-HAND**

IS941-00526

External left-hand



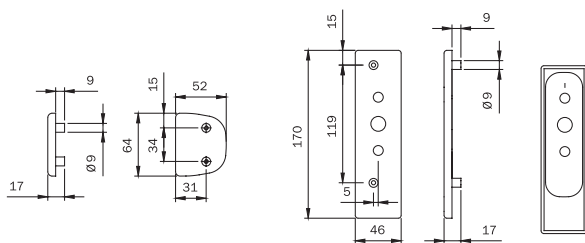
Assembly kit for glass thickness max 12 mm. **FOR CENTRAL LOCK ASSEMBLY TYPE TOUCH BAR**

**WITHOUT EXTERNAL CONTROL. REVERSIBLE.** PVD finish cover plates, gaskets, fixing screws. Instructions.

IS941-00536

## Belvedere

External right-hand



Assembly kit for glass thickness max 12 mm. **FOR CENTRAL LOCK ASSEMBLY TYPE TOUCH BAR**  
**CAN BE USED WITH EXTERNAL CONTROL FOR DOOR OPENING.** PVD finish cover plates,  
gaskets, fixing screws. Instructions.

External left-hand

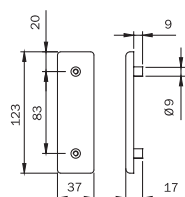


**EXTERNAL RIGHT-HAND**

**IS941-00546**

**EXTERNAL LEFT-HAND**

**IS941-00556**

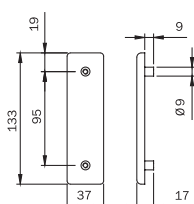


Assembly kit for glass thickness max 12 mm. **FOR PAIR OF VERTICAL LATCHES PULLMAN|TOUCH**  
PVD finish cover plates, gaskets, fixing screws. Instructions.

**Can be used in conjunction with:**

Pair of vertical latches 94102015\*

**IS941-00566**



Assembly kit for glass thickness max 12 mm. **FOR PAIR OF LATERAL LATCHES PULLMAN|TOUCH**  
PVD finish cover plates, gaskets, fixing screws. Instructions.

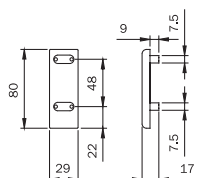
**Can be used in conjunction with:**

Pair of lateral latches 94102035\*

**IS941-00576**

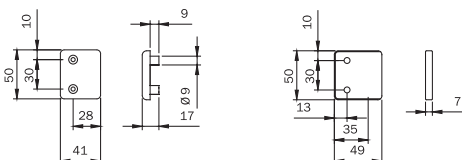


## Belvedere



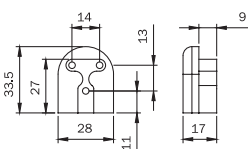
Assembly kit for glass thickness max 12 mm. **FOR PAIR OF VERTICAL RODS "Bolt"**.  
PVD finish cover plates, gaskets, fixing screws. Instructions.

IS941-00586



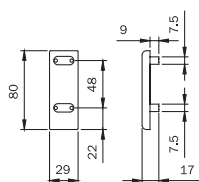
Assembly kit for glass thickness max 12 mm. **FOR LATERAL KEEP AND TOP VERTICAL KEEP**.  
PVD finish cover plates, gaskets, fixing screws. Instructions.

IS941-00596



Assembly kit for glass thickness max 12 mm. **FOR ADJUSTABLE TOP KEEP**  
**FOR PANIC EXIT DEVICES "Bolt"**. PVD finish cover plates, gaskets, fixing screws. Instructions.

IS941-00606

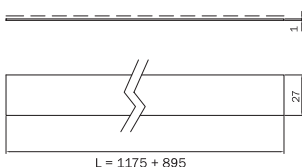


Assembly kit for glass thickness max 12 mm. **FOR RODS COVER EXTENSION**.  
PVD finish cover plates, gaskets, fixing screws. Templates. Instructions.

**Can be used in conjunction with:**

**All rod and cover kits for door with maximum height of 3400 mm**

IS941-00636



Kit of rod covering profiles  
for assembly on glass doors

IS941-00616

## ISEO Pullman Application scheme for single leaf glass doors

	WITH LATCHES												WITH BOLT				
	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
IS941-00566			●	●	●	●	●										
IS941-00576								●	●	●	●						
IS941-00586													●	●	●	●	●
IS941-00596		●		●		●	●	●	●	●	●	●					●
IS941-00606														●		●	●
IS941-00616			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● = Necessary items ( ● ● = 2 pcs, ● ● ● = 3 pcs)

▲ = Choose 1 kit according to the external control and the "hand" of door

■ = Choose 2 kits according to the external control and the "hand" of door

## ISEO Pullman Application scheme for double glass doors

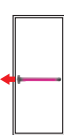
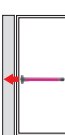






















	WITH LATCHES						WITH BOLT	
 IS941-00506  IS941-00516  IS941-00526	■	■	■	■	■	■	■	■
 IS941-00566  IS941-00576	●	●	●	●	●	●		
 IS941-00586			●	●	●	●		
 IS941-00596	●	● ●	● ● ●	● ● ●	● ●	● ● ●	●	●
 IS941-00606								●
 IS941-00616	●	●	● ●	● ●	● ●	● ●	●	●

● = Necessary items ( ● ● = 2 pcs, ● ● ● = 3 pcs)

▲ = Choose 1 kit according to the external control and the "hand" of door

■ = Choose 2 kits according to the external control and the "hand" of door

## ISEO Touch Application scheme for single leaf glass doors

	WITH LATCHES										WITH BOLT				
															
IS941-00536 															
IS941-00546 	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
IS941-00556 															
IS941-00566 			●	●	●	●	●								
IS941-00576 								●	●	●	●				
IS941-00586 											●	●	●	●	●
IS941-00596 		●		●		●	● ●		● ●	● ●					●
IS941-00606 												●		●	●
IS941-00616 			●	●	●	●	●	●	●	●	●	●	●	●	●

● = Necessary items ( ● ● = 2 pcs, ● ● ● = 3 pcs)

▲ = Choose 1 kit according to the external control and the "hand" of door

■ = Choose 2 kits according to the external control and the "hand" of door



## ISEO Touch Application scheme for double glass doors

	WITH LATCHES						WITH BOLT	
IS941-00536								
IS941-00546	■	■	■	■	■	■	■	■
IS941-00556								
IS941-00566	●	●	●	●	●	●		
IS941-00576			●	●	●	●		
IS941-00586							●	●
IS941-00596	●	● ●	● ● ●	● ● ●	● ●	● ● ●	●	●
IS941-00606								●
IS941-00616	●	●	● ●	● ●	● ●	● ●	●	●

● = Necessary items ( ● ● = 2 pcs, ● ● ● = 3 pcs)

▲ = Choose 1 kit according to the external control and the "hand" of door

■ = Choose 2 kits according to the external control and the "hand" of door

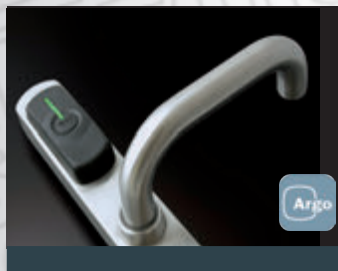
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Electronic Knob Cylinder



**Aries** SMART  
Electronic Trim Set



**F9000** Electromechanical  
Profile cylinder



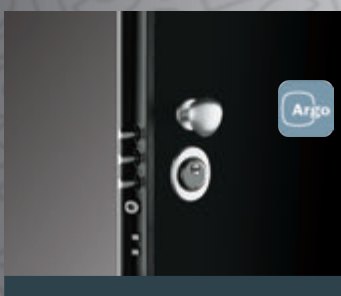
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**Thesis 2.0**  
High Security Solenoid Bolt



**Push Sirena** Panic Exit  
Device with Acoustic Alarm



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