

IDEA Bolt.

**Patented keep
for coplanar and
rebated doors.**



IDEA Bolt

- Amazing **design** even for the best architects.
- **Simplified** installation.
- **Guaranteed operation** even with a door misalignment of up to 8 mm.



- A new **patented** keep.
- **Double security** thanks to the anti-cut rotating closing metal points \varnothing 14 mm.
- **Suitable** for all types of frames (aluminium, steel, PVC, wooden).
- **Adjustable top/bottom locking** without projecting floor keeps.

Panic and emergency exit devices



**DOUBLE SAFETY:
NO PANIC,
NO BACTERIA**



In line with its attention to safety, ISEO has decided to add this measure to a device which is always present in public environments and in all those places where hygiene and healthcare is a basic requirement: hospitals, clinics, treatment homes, but also child care centres and nursery schools.

Therefore, the panic function is enriched with the antibacterial protection, AntiGerm*, whose performance is certified by Padova University Molecular Medicine Department.

The antibacterial treatment action is permanent and does not require special maintenance. The constant release of silver ions ensures top efficiency throughout the product life, even in case of surface scratches.

***Antibacterial protection for panic exit devices and accessories (except for Stainless steel/PVD finishes).**

All ISEO panic and emergency exit devices with antibacterial coating AntiGerm have obtained the voluntary certification ICIM 021AW/0





Standard

EN 1125:2008

All panic exit devices in compliance with standard EN 1125 are conceived to be used in panic situations.

The aim of the standard requirements is mainly to ensure a reliable and safe evacuation through a door making use of the minimum effort and with a single swing of the door, without any prior knowledge of the door device.





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

Not suitable for use on fire/smoke doors	3	7	6	0	1	4	2	2	A	A
Suitable for use on fire/smoke doors	3	7	6	B	1	4	2	2	A	A
	Category of use	Durability	Door mass	Suitability for use on fire/smoke resistant doors	People's safety	Corrosion resistance	Goods' security	Bar projection	Type of bar operation	Field of door application

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

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. There are 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

People's 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)

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

Bar projection. 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 (Idea)
 B = panic exit device with "touch-bar" operation (Push-Bar)

Field of door 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 EN1125:2008 standard.



Warning

The field of application of these panic exit devices is limited to 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.

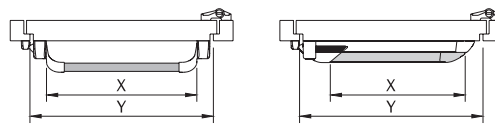


Fig. 1

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% (see Fig.1)

The door levers 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.

Idea 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.iseoserrature.it

Example of product certification



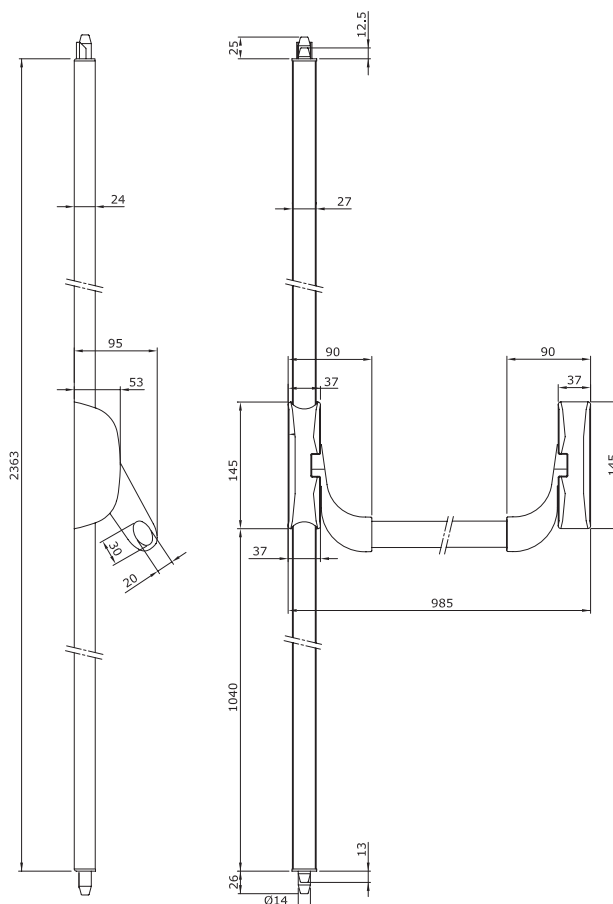
Code

Multiple package
Single package
Status

Min. ord.



IDEA Bolt



“IDEA Bolt” panic exit device, **DOUBLE VERTICAL LOCKING**, reversible.

Bolt keep. Self-locking top/bottom rods. Nylon spacer. Template. Assembly instructions.

To be ordered separately:

Bar 9459**

Rods and covers 9430020* for doors mm 2400.

Rods and covers 9430030* for doors mm 3400.

External control 9401*

External cylinder 859000857/9

Microswitch 94100060

Hold-open kit 94100070

Kit of gaskets for fire resistant doors 94000030

Painted grey

Painted white

Painted black

9432000304	C	1	-	1	YES
9432000404	D	1	-	1	YES
9432000504	B	1	-	1	YES



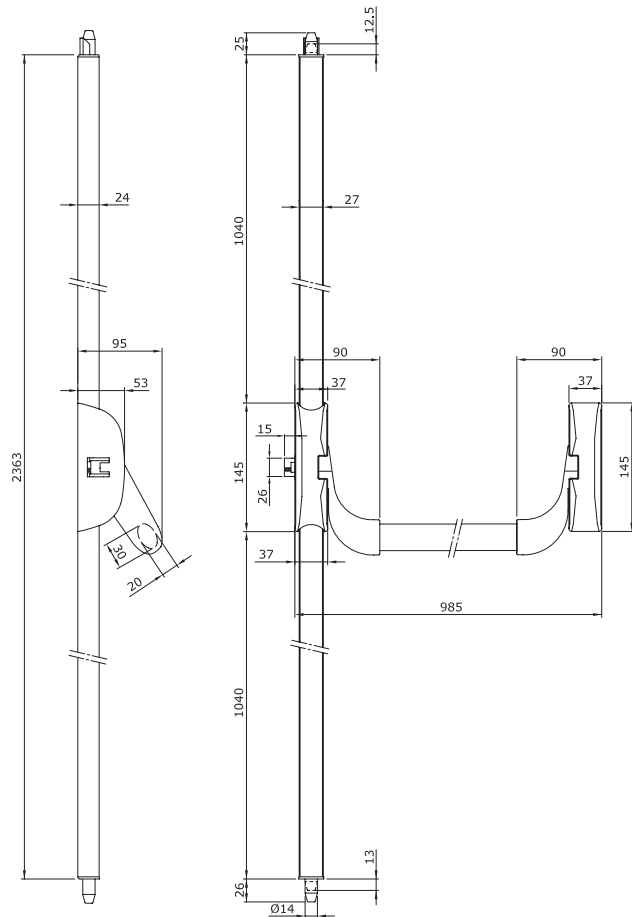
Code

Status
Single package

Min. ord.



IDEA Bolt



“IDEA Bolt” panic exit device, **TRIPLE VERTICAL LOCKING**, reversible, self-locking steel latchbolt.

Keeps for rods. Bolt keep. Lateral keep. Self-locking top/bottom rods.

Nylon spacer. Template. Assembly instructions.

To be ordered separately:

Bar 9459**

Rods and covers 9430020* for doors mm 2400.

Rods and covers 9430030* for doors mm 3400.

External control 94011*

External cylinder 859000857/9

Microswitch 94100060

Hold-open kit 94100070

Kit of gaskets for fire resistant doors 94000030

Painted grey

Painted white

Painted black

9433000304	B	1	-	1	YES
9433000404	D	1	-	1	YES
9433000504	B	1	-	1	YES



Code	Status	Single package	Multiple package	Min. ord.	AMH GERM
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Accessories



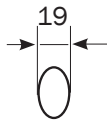
Rods and covers. One keep for two wings, without spacers.
Cap for bar lateral latch.



For doors with maximum height mm 2400 painted grey	94300203	C	5	-	5	YES
For doors with maximum height mm 2400 painted white	94300204	D	5	-	5	YES
For doors with maximum height mm 2400 painted black	94300205	B	5	-	5	YES
For doors with maximum height mm 3400 painted grey	94300303	D	5	-	5	YES
For doors with maximum height mm 3400 painted white	94300304	D	5	-	5	YES
For doors with maximum height mm 3400 painted black	94300305	C	5	-	5	YES



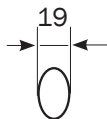
Horizontal oval bar for panic exit devices "IDEA Base" - "IDEA Bolt". Length mm **1130**



Stainless steel	945922	A	1	-	1	NO
Painted grey	945923	A	1	-	1	YES
Painted white	945924	B	1	-	1	YES
Painted black	945925	B	1	-	1	YES
Painted red	945928	A	1	-	1	YES
Painted green	945929	D	1	-	1	YES

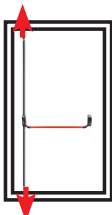
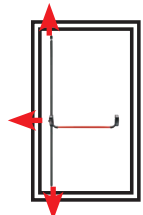





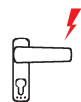




Horizontal oval bar for panic exit devices "IDEA Base" - "IDEA Bolt". Length mm **1330**



Stainless steel	945932	A	1	-	1	NO
Painted red	945938	A	1	-	1	YES

IDEA Bolt: application scheme for single leaf doors

			
9432000504		*	
9433000504		* ●	●
94591* L = 830 94592* L = 1130 94593* L = 1330		* ●	* ●
94300205 BOLT 94300305 BOLT		* ●	* ●
94011005T 94011015T 94012005T 94013005T 94014005T 94015005T 94021005T 94021025		* ○	* ○
94091105E			
94100060		○	○
94100070		○	○

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

* = Choose one item only

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

IDEA Bolt: application scheme for double doors

9432000504				
9414000504				
9410203504				
94591* L = 830 94592* L = 1130 94593* L = 1330				
94300205 BOLT 94300305 BOLT				
94100205 94100305				
56800**				
94011005T 94011015T 94012005T 94013005T 94014005T 94015005T 94021005T 94021025				
94091105E				
94100060				
94100070				

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

* = Choose one item only

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

