



ISO EVO
MADE IN ITALY
121
GERMANY

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Panic and emergency exit devices



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



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

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).**





**Panic exit
devices**



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.

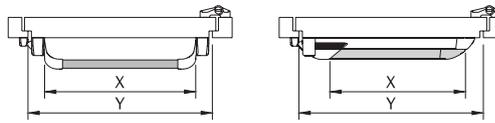


Fig. 1

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 leavers 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

warrington certification
 EC CERTIFICATE OF CONFORMITY
 Number: 1121 - CPD - AAA006

In compliance with Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it is confirmed that the following products are subject to factory production control procedures and are submitted by the manufacturer to further testing of samples taken at the factory in accordance with a prescribed test plan. The stated Notified Certification Body has performed the initial type-testing for the relevant characteristics of the product, has conducted the initial inspection of the factory and the factory production control, and is responsible for the continuous surveillance, assessment and approval of the factory production control.

Construction product: **Panic Exit Devices "IDEA" Series as detailed on pages 3 to 7**
 Placed on the market by: **ISEO Serrature S.p.a.**
 Company: **Via S. Girolamo 13, 25055 Pisolgne (BS), Italy**
 Address:

Product classification: **3 7 6 B* 1 4 2 2 A A**
 Intended use: **For use on fire rated single leaf and double leaf escape route doors**
3 7 6 A* 1 4 2 2 A A
 Intended use: **For use on non-fire rated single leaf and double leaf escape route doors**

This document certifies that all the provisions concerning the attestation of conformity and product performance described in Annex ZA of the product standard

BS EN 1125 : 2008

were applied and that the product fulfils all the prescribed requirements.
 Notified Certification Body: **Warrington Certification Ltd** EC Reference Number: **1121**

This certificate was first issued on 02/07/2009 and remains valid as long as the conditions laid down in the harmonised technical specification above, or the product design, or the manufacturing conditions in the factory, or the FPC itself are not modified significantly, or at the latest 01/07/2014.

CE *[Signature]*
 Manager - Warrington Certification Ltd.

References:
 Mechanical test evidence: ICIM 51/08, 52/08, 53/08, 54/08, 55/08, 57/08, 59/08 Fire test evidence: Institute Giordano 161718
 Factory references: F01 Classification report:

ACCREDIA
 CERTIFICAZIONE DI PRODOTTO
 PRODUCT CERTIFICATION

ICIM

CERTIFICATO N° **077AD/2**
 CERTIFICATE N°

PER LA CONCESSIONE DEL DIRITTO D'USO DEL MARCHIO DI CONFORMITÀ ICIM I FOR THE AUTHORIZATION TO USE ICIM MARK OF CONFORMITY
 ALL'AZIENDA / TO THE FIRM

ISEO SERRATURE S.p.a.
 Via San Girolamo, 13
 PISOGLNE (BS) ITALY
 UNITE OPERATIVE / OPERATIVES UNITS

PER I SEGUENTI PRODOTTI / FOR THE FOLLOWING PRODUCTS
DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE PANIC EXIT DEVICES

CON DENOMINAZIONE COMMERCIALE / WITH TRADE NAME/S

Serie IDEA-PUSH con scrocco in acciaio mod.I 9421084**T, 9422084**T, 9423084**T, 9424084**T, 942117**T, 942217**T, 942317**T, 942417**T, 9424130**T
 kit IDEA-PUSH con scrocco in acciaio mod.I 9425084**T, 9426084**T, 9427084**T, 9428084**T, 9429084**T

Serie IDEA-PUSH-BOLT con scrocco in acciaio mod.I 9452084**4, 9453084**4, 9452117**4, 9453117**4, 9452130**4, 9453130**4
 kit IDEA-PUSH-BOLT scrocco in acciaio mod.I 9455084**4, 9455117**4

ACCESSORI mod.I 9410001**04, 9410003**04, 9410020, 9410030, 9410030*, 9410040, 9410040*, 9410010*, 9410011*, 9410012*, 9410014*, 9410017*, 9410040, 9410042, 9410042*, 9410050, 9410052, 9410201**04, 9410203**04, 9410204**04, 9430009*, 9430012*, 9430020*, 9430030*, 9400030, 9420069*.

CONFORMITÀ ALLA NORMA ED AL DOCUMENTO NORMATIVO ICIM
 IN COMPLIANCE WITH THE STANDARD AND WITH ICIM NORMATIVE DOCUMENT

UNI EN 1125:08 - ICIM 70R010

CON CLASSIFICAZIONE / WITH CLASSIFICATION
3 7 6 B 1 4 2 2 A A

L'Azienda deve utilizzare il marchio di conformità ICIM in osservanza di Regolamento ICIM per la certificazione dei prodotti.
 The firm shall use ICIM mark of conformity for the products according to ICIM Regulation for products certification.

Prima Emissione / First issue: **16/12/2004**
 Emissione corrente / Current issue: **31/07/2012**
 Data di scadenza / Expiring date: **15/12/2013**

ICIM S.p.a.



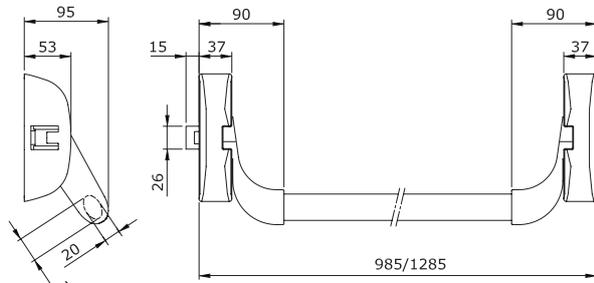
Code

Multiple package
Single package
Status

Min. ord.



IDEA Base zamak latches



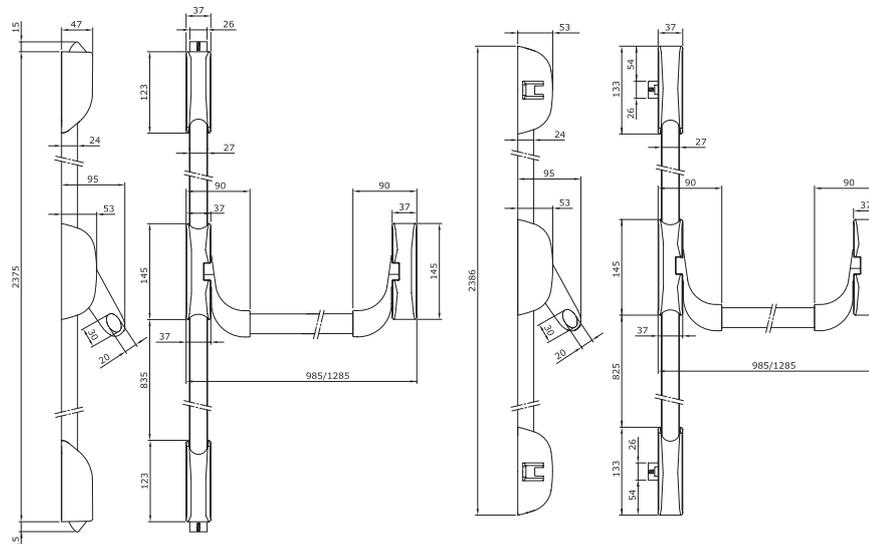
“IDEA Base” panic exit device, **LATERAL LOCKING**, reversible. Painted black.

Zamak latch without self-locking device. Keep 94100110. Nylon spacer for external control. Template. Assembly instructions.

To be ordered separately:

- Bar 9459** - External control 9401* +9402*
- External cylinder 859000857/9
- Microswitch 94100060
- Hold-open kit 94100070
- Electric striker 56800*0
- Painted black

9411000505 A 1 - 1 YES



“IDEA Base” panic exit device, **DOUBLE VERTICAL LOCKING** reversible. Painted black. Prearranged for top/bottom rods. Nylon spacer for external control. Template. Assembly instructions.

To be ordered separately:

- Bar 9459**
- Rods and covers 94100205 for doors mm 2400.
- Rods and covers 94100305 for doors mm 3400.
- Pair of zamak latches 941020**05 External control 9401* +9402*
- External cylinder 859000857/9
- Microswitch 94100060
- Hold-open kit 94100070
- Painted black

9412000505 A 1 - 1 YES

WHITE AND GREY ON REQUEST (es. white 941****405, grey 941****305)

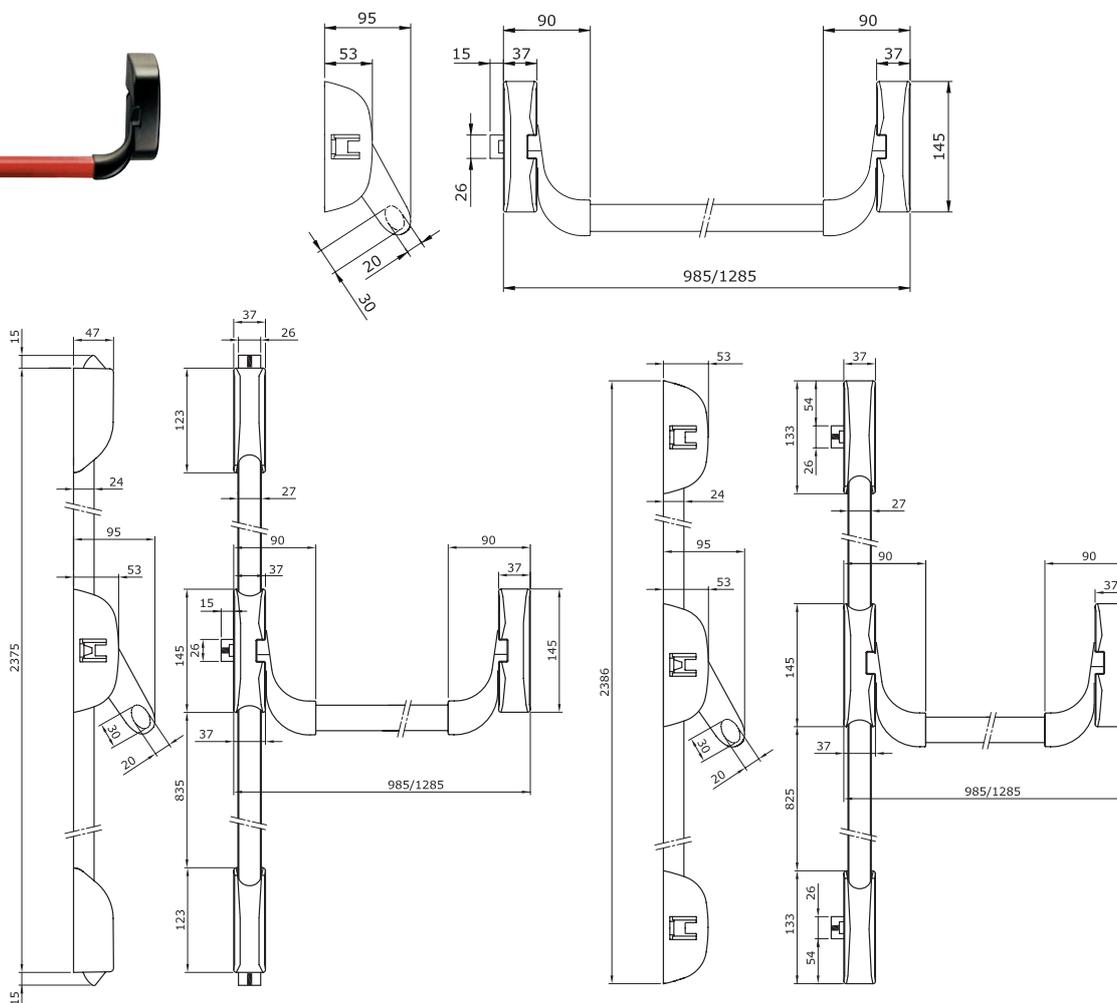


Code

Min. ord.
Multiple
package
Single
package
Status



IDEA Base zamak latches



“IDEA Base” panic exit device, **MODULAR**, reversible. Painted black. Prearranged for double and triple lateral locking.

Zamak latch without self-locking function. Keep 94100110. Prearranged for top/bottom rods.

Caps for top/bottom holes. Nylon spacer for external control. Template. Assembly instructions.

To be ordered separately:

Bar 9459**

Rods and covers 94100205 for doors mm 2400.

Rods and covers 94100305 for doors mm 3400.

Pair of zamak latches 941020**05

External control 9401* +9402*

External cylinder 859000857/9

Microswitch 94100060

Hold-open kit 94100070

Electric striker 56800*0

Painted black

9414000505 A 1 - 1 YES

WHITE AND GREY ON REQUEST (es. white 941****405, grey 941****305)



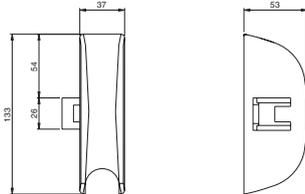
Code

Status
Single package
Multiple package

Min. ord.

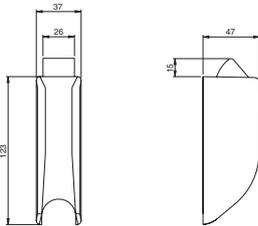


Zamak latches



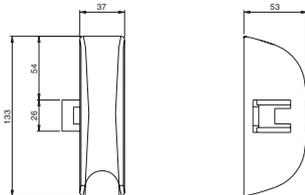
Latch for "IDEA Base" panic exit device. Painted black. Fixing screws.

9410003505 D 1 - 1 YES



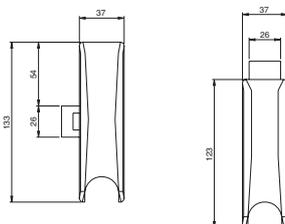
Pair of latches for "IDEA Base" panic exit devices. Painted black. Top/bottom vertical locking.
Zamak latch without self-locking function. Only for panic exit doors.
Keeps 94100110+94100120. Fixing screws.

9410201505 A 1 - 1 YES



Pair of latches for "IDEA Base" panic exit devices. Painted black. Top/bottom vertical locking.
Zamak latch without self-locking function. Only for panic exit doors.
Two keeps 94100100. Fixing screws.

9410203505 A 1 - 1 YES



Pair of latches for "IDEA Base" panic exit devices. Painted black. Top vertical locking and lateral bottom locking. Zamak latch without self-locking function. Only for panic exit doors.
Two keeps 94100100. Fixing screws.

9410204505 B 1 - 1 YES

WHITE AND GREY ON REQUEST (es. white 941****405, grey 941****305)

IDEA Base zamak latches: application scheme for single leaf doors

9411000505	(A) ● (B)	(A) ● (B)	(A) ● (B)	(A) ● (B)			
9412000505		●	●	●			
9414000505			●	●	●	●	●
9410201505		●			●		
9410204505				●			●
9410203505			●			●	
94591* L = 830 94592* L = 1130 94593* L = 1330	* ●	* ●	* ●	* ●	* ●	* ●	* ●
94100205 94100305		* ●	* ●	* ●	* ●	* ●	* ●
56800**	○		○ ○	○ ○		○ ○ ○	○ ○ ○
94011005T 94011015T 94012005T 94013005T 94014005T 94015005T 94021005T 94021025	* ○	* ○	* ○	* ○	* ○	* ○	* ○
94091105E							
94100060	○	○	○	○	○	○	○
94100040	○ ○	○ ○	○ ○	○ ○	○ ○	○ ○	○ ○
94100050		○ ○	○ ○	○ ○	○ ○	○ ○	○ ○
94100070	○	○	○	○	○	○	○

- (A) (B) = Choice among proposed options as shown above
 ● = Necessary items (● ● = 2 pcs, ● ● ● = 3 pcs)
 * = Choose one item only
 ○ = Optional items (○ ○ = 2 pcs, ○ ○ ○ = 3 pcs)

IDEA Base zamak latches: application scheme for double doors

9411000505	(A) ● (B) ● (C)	(A) (B) ● ●	(A) ● (B) ● ●	(A) ● ● (B) ● ●
9412000505			● ●	● ●
9414000505	● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ●
9410201505		●	●	● ●
9410204505				
9410203505		●	●	
94591* L = 830 94592* L = 1130 94593* L = 1330	* ● ●	* ● ●	* ● ●	* ● ●
94100205 94100305	* ●	* ● ●	* ● ●	* ● ●
56800***				
94011005T 94011015T 94011015T 94021025 94012005T 94013005T 94014005T 94015005T 94011015T 94021005T	* ○	* ○	* ○	* ○
94091105E				
94100060	○ ○	○ ○	○ ○	○ ○
94100040	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○
94100050	○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○
94100070	○ ○	○ ○	○ ○	○ ○

- (A) (B) (C) = Choice among proposed options as shown above
 ● = Necessary items (● ● = 2 pcs, ● ● ● = 3 pcs)
 * = Choose one item only
 ○ = Optional items (○ ○ = 2 pcs, ○ ○ ○ = 3 pcs)

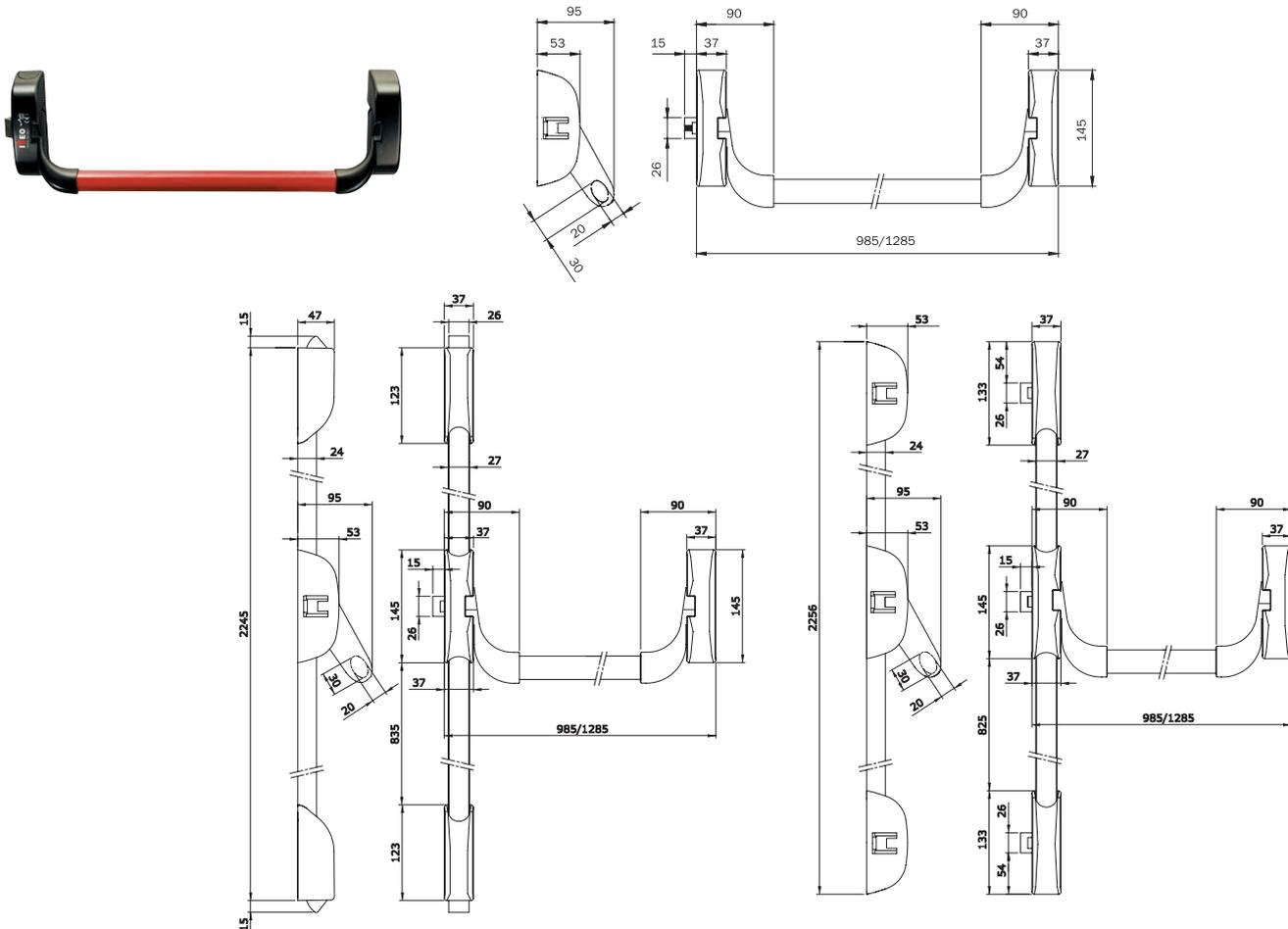


Code

Min. ord.
Multiple
package
Single
package
Status



IDEA Base steel latches



“IDEA Base” panic exit device, **MODULAR**, reversible. Painted black. Prearranged for double and triple lateral locking.

Steel latch with self-locking function. Suitable for **FIRE DOORS**. Keep 94100110.

Prearranged for top/bottom rods. Caps for top/bottom holes. Nylon spacer for external control.

Template. Assembly instructions.

To be ordered separately:

Bar 9459**

Rods and covers 94100205 for doors mm 2400.

Rods and covers 94100305 for doors mm 3400.

Pair of steel latches 941020**04

External control 9401* +9402*

External cylinder 859000857/9

Microswitch 94100060

Hold-open kit 94100070

Electric striker 56800*0

Kit of gaskets for fire doors 94000030

Bar steel fixing plate for fire doors 94100040

Painted grey

9414000304 A 1 - 1 YES

Painted white

9414000404 B 1 - 1 YES

Painted black

9414000504 A 1 - 1 YES



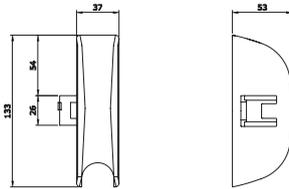
Code

Status
Single package
Multiple package

Min. ord.

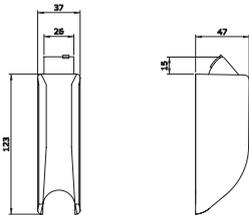


Steel latches



Painted latch for panic exit devices **"IDEA Base"** and **"Push"**. Self-locking steel latch suitable for fire resistant doors. Fixing screws.

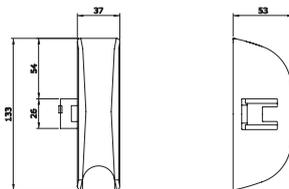
Painted grey	9410003304	D	1	-	1	YES
Painted white	9410003404	D	1	-	1	YES
Painted black	9410003504	D	1	-	1	YES



Pair of painted latches for panic exit devices **"IDEA Base"** and **"Push"**. Top and bottom vertical locking. Self-locking steel latch suitable for fire resistant doors. Keeps 94100110+94100120.

Fixing screws.

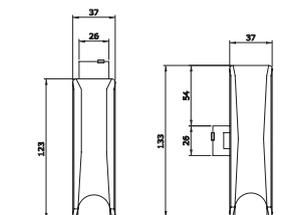
Painted grey	9410201304	B	1	-	1	YES
Painted white	9410201404	C	1	-	1	YES
Painted black	9410201504	A	1	-	1	YES



Pair of painted latches for panic exit devices **"IDEA Base"** and **"Push"**. Top and bottom lateral locking. Self-locking steel latch suitable for fire resistant doors.

Two keeps 94100100. Fixing screws.

Painted grey	9410203304	C	1	-	1	YES
Painted white	9410203404	D	1	-	1	YES
Painted black	9410203504	B	1	-	1	YES



Pair of painted latches for panic exit devices **"IDEA Base"** and **"Push"**. Top vertical and bottom lateral locking. Two keeps 94100110. Fixing screws.

Painted grey	9410204304	D	1	-	1	YES
Painted white	9410204404	D	1	-	1	YES
Painted black	9410204504	C	1	-	1	YES



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

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 **94100203** A 5 - 5 YES

For doors with maximum height mm 2400 painted white **94100204** B 5 - 5 YES

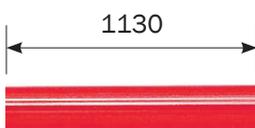
For doors with maximum height mm 2400 painted black **94100205** A 5 - 5 YES



For doors with maximum height mm 3400 painted grey **94100303** B 5 - 5 YES

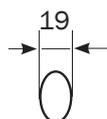
For doors with maximum height mm 3400 painted white **94100304** B 5 - 5 YES

For doors with maximum height mm 3400 painted black **94100305** A 5 - 5 YES



1130

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



19



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

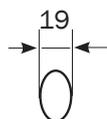


Painted green **945929** D 1 - 1 YES



1330

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



19



Stainless steel **945932** A 1 - 1 NO



Painted red **945938** A 1 - 1 YES

IDEA Base steel latches: application scheme for single leaf doors

9412000505		(A) ● (B)	(A) ● (B)	(A) ● (B)			
941400050*		●	●	●	●	●	●
9410201504		●			●		
9410204504				●			●
9410203504				●		●	
94591* L = 830 94592* L = 1130 94593* L = 1330		* ●	* ●	* ●	* ●	* ●	* ●
94100205 94100305			* ●	* ●	* ●	* ●	* ●
56800**		○		○ ○	○ ○		○ ○ ○
94011005T 94011015T 94012005T 94013005T 94014005T 94015005T 94021005T 94021025		* ○	* ○	* ○	* ○	* ○	* ○
94091105E							
94100060		○	○	○	○	○	○
94100040		○ ○	○ ○	○ ○	○ ○	○ ○	○ ○
94100050			○ ○	○ ○	○ ○	○ ○	○ ○
94100070		○	○	○	○	○	○

(A) (B) = Choice among proposed options as shown above
 ● = Necessary items (● ● = 2 pcs, ● ● ● = 3 pcs)
 * = Choose one item only
 ○ = Optional items (○ ○ = 2 pcs, ○ ○ ○ = 3 pcs)

IDEA Base steel latches: application scheme for double doors

9414000504	(A) ● (B) ●●	(A) ●● (B) ●●	(A) ● (B) ●●	(A) ●● (B) ●●
941200050*	●	●●	● ●●	●● ●●
9410201504	●	●	●	●●
9410204504				
9410203504		●	●	
94591* L = 830 94592* L = 1130 94593* L = 1330	* ●●	* ●●	* ●●	* ●●
94100205 94100305	* ●	* ●●	* ●●	* ●●
56800***	○	○○	○○○	
94011005T 94011015T 94012005T 94013005T 94014005T 94015005T 94021005T 94021025	* ○	* ○	* ○	* ○
94091105E				
94100060	○○	○○	○○	○○
94100040	○○○○	○○○○	○○○○	○○○○
94100050	○○	○○○○	○○○○	○○
94100070	○○	○○	○○	○○

- (A) (B) = Choice among proposed options as shown above
 ● = Necessary items (●● = 2 pcs, ●●● = 3 pcs)
 * = Choose one item only
 ○ = Optional items (○○ = 2 pcs, ○○○ = 3 pcs)



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.

