

EXIDOR

# 500 SERIES

PANIC & EMERGENCY EXIT HARDWARE  
BOLTS & LATCHES RANGE



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## Guarantee

To support the high quality and first class engineering that has gone into the Exidor range, the manufacturer gives a ten year guarantee (subject to conditions) against defects due to faulty manufacturing, workmanship or defective material. The manufacturer agrees to replace any defective Exidor product free of charge provided the product has been fitted in accordance with the fitting instructions and maintained correctly.

## Technical Support

Comprehensive information and technical support services are available by contacting:

Tel: +44 (0)1543 460040 Fax: +44 (0)1543 570050  
email: [technical@exidor.co.uk](mailto:technical@exidor.co.uk)

Or visit our website:



## exidor.co.uk

Visit our website for the latest Exidor product literature, technical data, specifiers, product gallery, and projects.



CE marked for Safety  
Certified to European EN Standards

MADE IN  
BRITAIN





## Introducing the 500 Series Bolts & Latches

Exidor Ltd is a UK based engineering company manufacturing a comprehensive, high specification range of innovative panic and emergency hardware, door controls and builders ironmongery.

We've been meeting the needs of architects, specifiers, project managers, OEM's and building managers for more than 80 years. In that time, we've built an unrivalled record of developing and continually enhancing a product range that's known and used all over the world.

The Exidor 500 series panic and emergency hardware offers a modern, aesthetically pleasing style giving optimum safety and security, carries the Certifire quality mark, is fire rated and is certified to the European standards to ensure peace of mind.

BS EN179 – For offices, factories etc

BS EN1125 – For areas of entertainment, public buildings etc

With smooth stylish lines, high quality powder coated finishes and the excellence of British engineering, the Exidor 500 series provides the best solution for panic and emergency exits and is stylish enough for use in prestigious buildings with integrated interiors.

Offered as a complete package, including specialist keeps and fixings, the range is designed for use on doors with narrow stiles, and there is a selection of products specifically for doors constructed from wood, aluminium or uPVC.

The unique uPVC "one size fits all" keeps ensure that the Exidor 500 series can be specified with the confidence of knowing that the panic and emergency hardware will fit every time, regardless of the uPVC profile.

The range combines attractive colours and styling with quality engineering, and offers a choice of adjustable bolts, or the smoother and quieter action of either vertical or horizontal Pullman latches. Certified to 200,000 uses, the Exidor 500 series offers a range of accessories including a choice of outside access devices, upgrade kits, Pullman latch kits and a variety of keeps for different door materials and applications.



### **What does British manufacturing mean to us?**

Understanding what our customers need. Providing local and reliable service. Having a wide range of standard units available from stock for next day delivery. Being able to provide non-standard products. Reacting quickly, when it matters. Working to International quality and manufacturing standards and certified to ISO 9001. And caring – professionally – about quality.

# Universal Keep For uPVC Doors – One Product Fits All Profiles

The Exidor 500 series of panic and emergency hardware is now offered as a complete product, including keeps and fixings, for doors constructed from wood, aluminium and uPVC.

The uPVC products are supplied with the new innovative universal keep, ensuring that whatever the profile of the door and frame, the product can be easily specified and fitted.

This is achieved by using the unique keep with a number of different thickness packing pieces, which are combined to ensure the correct operation on any profile of the door and frame.

There are two uPVC universal keeps available - one for the centre latch and one for the top and bottom Pullman latches.

Each keep is supplied complete with packing pieces and fixings.

This means that one product is suitable for all profiles, eliminating the need to stock and offer a range of keeps along with the difficulties associated in identifying which keep is required for a specific profile.

The Pullman latch keeps are suitable for both vertical and horizontal latches, and all are offered in an epoxy powder coated white finish as standard.



3 point panic bolt with horizontal Pullman latches



3 point panic bolt with shoot bolts

Exidor Ltd can also offer a range of popular RAL & Hewi colours to match other ironmongery products that may be fitted.

For applications where shoot bolts are preferred there is also a dedicated uPVC range of products providing all the keeps and fixings required.

Finally, for convenience, upgrade kits are also available allowing other Exidor 500 series products to be used on wood, aluminium and uPVC doors, giving greater flexibility and lower stock holding.



# Choose Your Finish

Exidor Ltd uses epoxy powder coating for all painted surfaces to give a quality finish to our products, and offers silver, white with green cross bars and black with red cross bars as standard finishes for the Exidor 500 series.

There is also a range of popular RAL and Hewi colours to match other ironmongery products that may be fitted. Brass and stainless steel finishes are also available but are not recommended for outside access devices, external use or use in corrosive environments. When ordering, please suffix the product code with the RAL or Hewi number.

## A choice of finishes

All exit devices and outside access devices are available in a wide range of finishes:

### Standard finishes:



Silver  
(RAL 9022)



Black/Red



White/Green



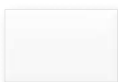
Stainless  
steel effect



Brass effect

### Plated finishes available:

### Popular RAL colours available:



Pure white  
9010



Ultra marine  
blue  
5002



Ruby red  
3003



Traffic yellow  
1023



Fir green  
6009



Agate grey  
7038



Mint green  
6029



Ivory  
1014



Jet black  
9005



Anthracite  
grey  
7016



Olive  
brown  
8008



Black green  
6012



Black red  
3007



Steel blue  
5011



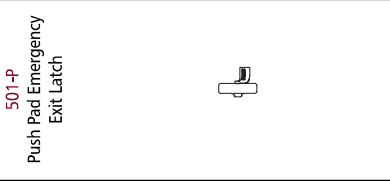
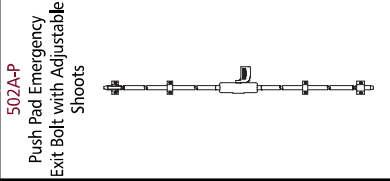
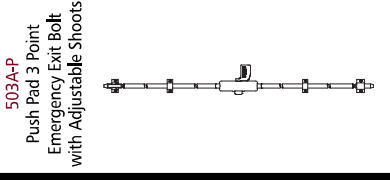
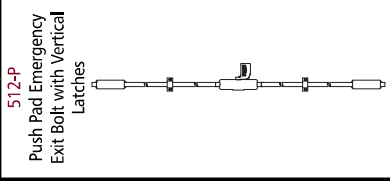
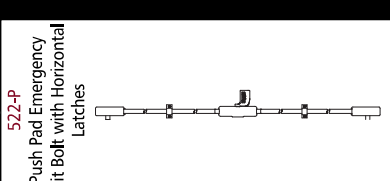
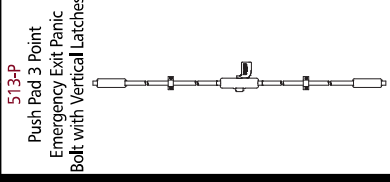
Gold



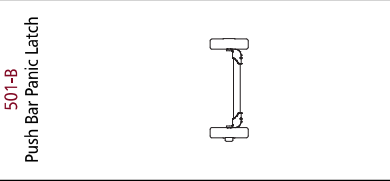
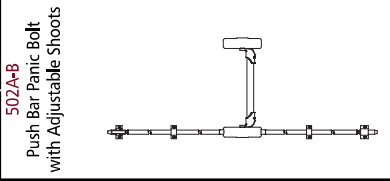
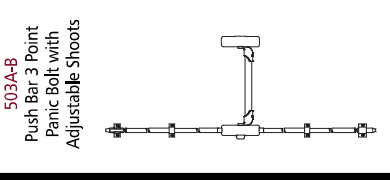
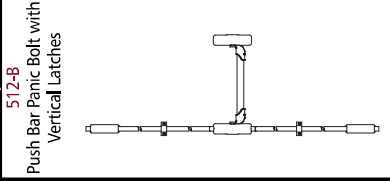
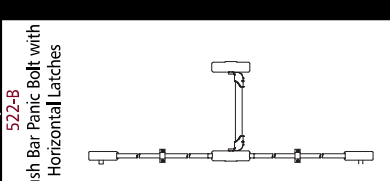
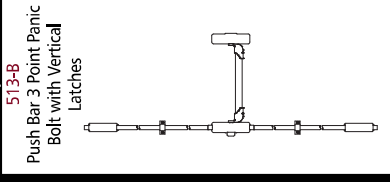
# Product Selector

## Single doors

EN 179

Emergency Exit Bolts & Latches			Pullman Latches		
Single Point Locking	Two Point Locking	Three Point Locking	Two Point Locking	Three Point Locking	
<b>501-P</b> Push Pad Emergency Exit Latch	<b>502A-P</b> Push Pad Emergency Exit Bolt with Adjustable Shoots	<b>503A-P</b> Push Pad 3 Point Emergency Exit Bolt with Adjustable Shoots	<b>512-P</b> Push Pad Emergency Exit Bolt with Vertical Latches	<b>513-P</b> Push Pad 3 Point Emergency Exit Bolt with Vertical Latches	<b>523-P</b> Push Pad 3 Point Emergency Exit Bolt with Horizontal Latches
					

EN 1125

Panic Bolts & Latches			Pullman Latches		
Single Point Locking	Two Point Locking	Three Point Locking	Two Point Locking	Three Point Locking	
<b>501-B</b> Push Bar Panic Latch	<b>502A-B</b> Push Bar Panic Bolt with Adjustable Shoots	<b>503A-B</b> Push Bar 3 Point Panic Bolt with Adjustable Shoots	<b>512-B</b> Push Bar Panic Bolt with Vertical Latches	<b>513-B</b> Push Bar 3 Point Panic Bolt with Vertical Latches	<b>523-B</b> Push Bar 3 Point Panic Bolt with Horizontal Latches
					



# Product Selector

## Rebated double doors

EN 179

Emergency Exit Bolts & Latches			Pullman Latches		
Three Point Locking	Four Point Locking	Five Point Locking	Three Point Locking	Four Point Locking	Five Point Locking
<b>501-P + 502A-P + SL-0144</b> Push Pad Emergency Exit Bolt with Adjustable Shoots and Latch	<b>522P + 502A-P + 406A + 406A</b> Push Pad Emergency Exit Bolt with Adjustable Shoots and Push Pad Exit Bolt with Horizontal Latches	<b>523P + 502A-P + SL-0144 + 406A + 406A</b> Push Pad 3 Point Emergency Exit Bolt with Horizontal Latches and Push Pad Emergency Exit Bolt with Adjustable Shoots	<b>501-P + 512P + SL-0144</b> Push Pad Emergency Exit Bolt with Vertical Latches and Latch	<b>522P + 512-P + 406A + 406A</b> Push Pad Emergency Exit Bolt with Vertical Latches and Push Pad Emergency Exit Bolt with Horizontal Latches	<b>523P + 512-P + SL-0144 + 406A + 406A</b> Push Pad Emergency Exit Bolt with Vertical Latches and Push Pad Emergency Exit 3 Point Bolt with Horizontal Latches

EN 1125

Panic Bolts & Latches			Pullman Latches		
Three Point Locking	Four Point Locking	Five Point Locking	Three Point Locking	Four Point Locking	Five Point Locking
<b>501-B + 502A-B + SL-0144</b> Push Bar Panic Bolt with Adjustable Shoots and Latch	<b>522B + 502A-B + 406A + 406A</b> Push Bar Panic Bolt with Adjustable Shoots and Push Bar Panic Bolt with Horizontal Latches	<b>523-B + 502A-B + SL-0144 + 406A + 406A</b> Push Bar 3 Point Panic Bolt with Horizontal Latches and Push Bar Panic Bolt with Adjustable Shoots	<b>501-B + 512-B + SL-0144</b> Push Bar Panic Bolt with Vertical Latches and Latch	<b>522B + 512-B + 406A + 406A</b> Push Bar Panic Bolt with Vertical Latches and Push Bar Panic Bolt with Horizontal Latches	<b>523B + 512-B + SL-0144 + 406A + 406A</b> Push Bar Panic Bolt with Vertical Latches and Push Bar 3 Point Panic Bolt with Horizontal Latches



# Product Selector

Non-rebated double doors

EN 179

Emergency Exit Bolts & Latches		Pullman Latches	
Four Point Locking	<b>502A-P + 502A-P</b> Push Pad Emergency Exit Bolts with Adjustable Shoots	Four Point Locking	<b>512-P + 512-P</b> Push Pad Emergency Exit Bolts with Vertical Latches
Five Point Locking	<b>503A-P + 502A-P + SL-0144</b> Push Pad Emergency Exit Bolt with Adjustable Shoots and Push Pad 3 Point Emergency Exit Bolt with Adjustable Shoots	Five Point Locking	<b>513P + 512-P + SL-0144</b> Push Pad Emergency Exit Bolt with Vertical Latches and Push Pad 3 Point Emergency Exit Bolt with Vertical Latches

EN 1125

Panic Bolts & Latches		Pullman Latches	
Four Point Locking	<b>502A-B + 502A-B</b> Push Bar Panic Bolts with Adjustable Shoots	Four Point Locking	<b>512-B + 512-B</b> Push Bar Panic Bolts with Vertical Latches
Five Point Locking	<b>503A-B + 502A-B + SL-0144</b> Push Bar Panic Bolt with Adjustable Shoots and Push Bar 3 Point Panic Bolt with Adjustable Shoots	Five Point Locking	<b>513-B + 512-B + SL-0144</b> Push Bar Panic Bolt with Vertical Latches and Push Bar 3 Point Panic Bolt with Vertical Latches

# Accessories



The Exidor upgrade kits allow the Exidor 500 series to be easily converted for use on a door made out of different materials.

Available for all of the Exidor 500 series panic and emergency hardware, the kits allow maximum flexibility of stock whilst keeping stock holding to a minimum.

They are available for wooden, aluminium and uPVC doors and are supplied complete with all the keeps and fixings to allow for ease of conversion.

**501U** Panic Latch Upgrade Kit for Wooden Doors

**501U/AD** Panic Latch Upgrade Kit for Aluminium Doors

**502U** 2 Point Panic/Emergency Exit Bolt Upgrade Kit for Wooden Doors

**502U/AD** 2 Point Panic/Emergency Exit Bolt Upgrade Kit for Aluminium Doors

**502U/UD** 2 Point Panic/Emergency Exit Bolt Upgrade Kit for uPVC Doors

**512U** 2 Point Panic/Emergency Exit Bolt With Vertical Pullman Latches Upgrade Kit for Wooden Doors

**512U/AD** 2 Point Panic/Emergency Exit Bolt With Vertical Pullman Latches Upgrade Kit for Aluminium Doors

**512U/UD** 2 Point Panic/Emergency Exit Bolt With Vertical Pullman Latches Upgrade Kit for uPVC Doors

**522U** 2 Point Panic/Emergency Exit Bolt With Horizontal Pullman Latches Upgrade Kit for Wooden Doors

**522U/AD** 2 Point Panic/Emergency Exit Bolt With Horizontal Pullman Latches Upgrade Kit for Aluminium Doors

**522U/UD** 2 Point Panic/Emergency Exit Bolt With Horizontal Pullman Latches Upgrade Kit for uPVC Doors

**503U** 3 Point Panic/Emergency Exit Bolt Upgrade Kit for Wooden Doors

**503U/AD** 3 Point Panic/Emergency Exit Bolt Upgrade Kit for Aluminium Doors

**503U/UD** 3 Point Panic/Emergency Exit Bolt Upgrade Kit for uPVC Doors

**513U** 3 Point Panic/Emergency Exit Bolt With Vertical Pullman Latches Upgrade Kit for Wooden Doors

**513U/AD** 3 Point Panic/Emergency Exit Bolt With Vertical Pullman Latches Upgrade Kit for Aluminium Doors

**513U/UD** 3 Point Panic/Emergency Exit Bolt With Vertical Pullman Latches Upgrade Kit for uPVC Doors

**523U** 3 Point Panic/Emergency Exit Bolt With Horizontal Pullman Latches Upgrade Kit for Wooden Door

**523U/AD** 3 Point Panic/Emergency Exit Bolt With Horizontal Pullman Latches Upgrade Kit for Aluminium Doors

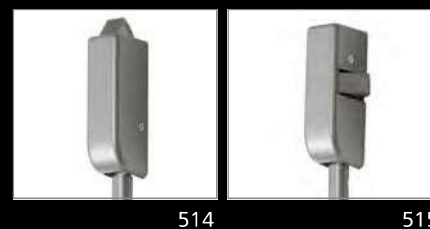
**523U/UD** 3 Point Panic/Emergency Exit Bolt With Horizontal Pullman Latches Upgrade Kit for uPVC Doors

#### 514 Vertical Pullman Latch Kit

#### 515 Horizontal Pullman Latch Kit

The Exidor Pullman latch kits can be supplied for any Exidor panic/emergency exit bolt range to upgrade a unit from adjustable bolts to pullman latches, and are suitable for doors that are subject to a high volume of traffic, or when a higher level of security is required.

The Pullman latches are available in both vertical and horizontal versions and provide a smooth and quiet alternative to the traditional top trip catch. They are recommended for interconnecting doors as well as external doors. The level of security is increased as the latches operate independently and yet they maintain the emergency facility in that they are retracted in one action by the cross bar or push pad when required. The Pullman latches are housed in an enclosed keep and are designed so that they can only be attacked through the door. However, due to the design, the latch will throw outwards, rather than retract if attacked, thus increasing security.



514

515

#### Accessories For Non-Standard Doors

For doors that exceed the size of 1220mm wide and 2400mm high, the following top shoot tubes and oval push bars are available

##### Top Shoot Tube

**P0801** 1210mm top shoot tube for doors up to 2440mm high

**P0802** 1600mm top shoot tube for doors up to 2680mm high

**P0803** 2100mm top shoot tube for doors up to 3180mm high

##### Oval Push Bar Tube

**P1001** 1180mm oval push bar tube for panic bolts up to 1220mm wide

**P1002** 1600mm oval push bar tube for panic bolts up to 1650mm wide

**P1003** 2100mm oval push bar tube for panic bolts up to 2150mm wide



# Keep Options

## TIMBER DOOR KEEPS

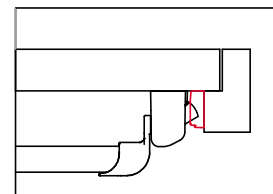
### Latch Bolt Keeps

#### SL-0140 Standard Latch Keep

- 500 series standard centre latch keep
- Supplied as standard with the 501, 503, 513 & 523

Construction – diecast aluminium

Finish – black powder coated/RAL finish available on request



SL-0140

#### SL-0144 Rebated Double/Flush Doors and Frames Latch Keep

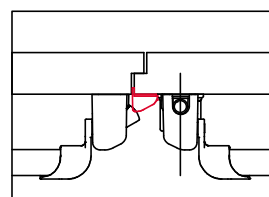
- 500 series rebated double door centre latch keep
- Used for rebated double doors or flush doors and frames
- Used with the 501, 503, 513 & 523

Construction – diecast aluminium

Finish – black powder coated/RAL finish available on request

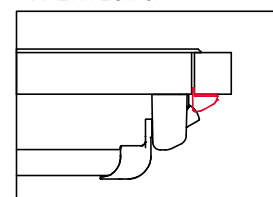


DOUBLE DOOR APPLICATION



SL-0144

SINGLE FLUSH FACED DOOR / FRAME APPLICATION



SL-0144

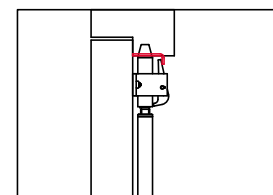
### Top Bolt Keeps

#### P0401 Standard Top Trip

- Used for standard bolts on timber frames.
- Supplied as standard with the 502 and 503 panic and emergency exit bolts

Construction - mild steel

Finish - electro galvanised/RAL finish available on request



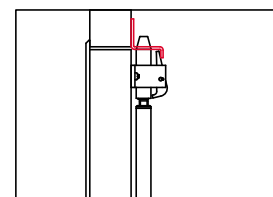
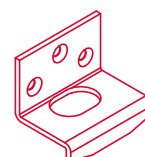
P0401

#### 2405 Top Trip

- Surface mounted keep for top shoot bolts on timber frames
- For flush fitting doors/frames
- Used with the 502 and 503 panic and emergency exit bolts

Construction - mild steel

Finish - electro galvanised/RAL finish available on request



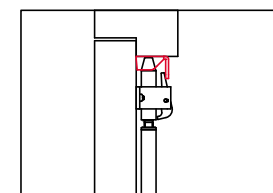
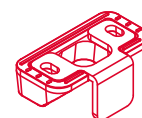
2405

#### 3405A Top Trip

- Surface mounted keep for timber top header rail
- No clearance hole required in the header rail to accept the top shoot bolt
- Used with the 502 and 503 panic and emergency exit bolts

Construction - diecast zinc/mild steel

Finish - electro galvanised/RAL finish available on request



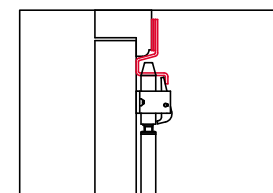
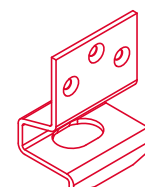
3405A

#### 2401 Top Trip

- Surface mounted keep for top shoot bolts
- Kit supplied includes spacers for applications where the distance between the header rail and the door face is between 14mm and 21mm
- Used with the 502 and 503 panic and emergency bolts

Construction - mild steel

Finish - electro galvanised/RAL finish available on request



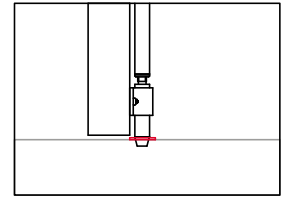
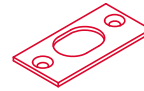
2401

## Bottom Bolt Keeps

### P1301 Standard Bottom Keep

- Standard 500 series bottom bolt keep
- Supplied as standard with the 502 and 503 panic and emergency exit bolts

Construction - mild steel  
Finish - electro galvanised

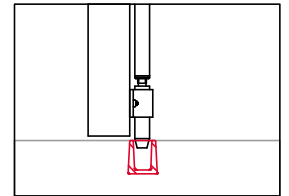
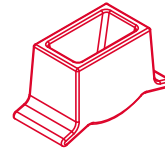


P1301

### P0301 Easy Clean Socket

- Used with the 502 and 503 panic and emergency exit bolts

Construction – grey cast iron  
Finish - electro galvanised

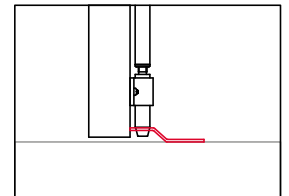
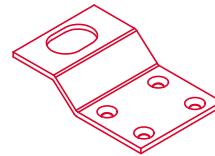


P0301

### 2403 Low Threshold Bottom Keep

- For low thresholds, or an alternative to boring a hole in a concrete floor to accept the bottom shoot bolt
- Designed to the requirements of CEN standards and building regulations
- Used with the 502 and 503 panic and emergency exit bolts

Construction - mild steel  
Finish - electro galvanised / RAL finish available on request

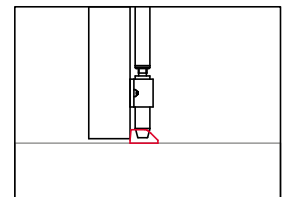
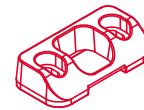


2403

### 3405 Bottom Keep

- Surface mounted keep for bottom shoot bolts
- No clearance hole in the floor is required
- Used with the 502 and 503 panic and emergency exit bolts

Construction - diecast zinc  
Finish - electro galvanised



3405

## Pullman Latch Keeps

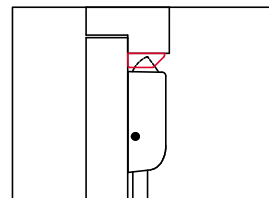
### 3402 Standard Vertical Pullman Latch Keep

- Surface mounted keep for top and bottom vertical Pullman latches
- Supplied as standard with the 512 and 513 panic and emergency exit bolts

Construction – diecast aluminium  
Finish – black powder coated/RAL finish available on request

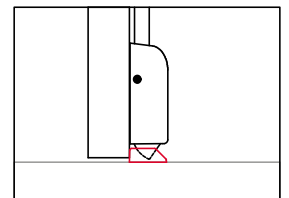


TOP VERTICAL PULLMAN LATCH



3402

BOTTOM VERTICAL PULLMAN LATCH

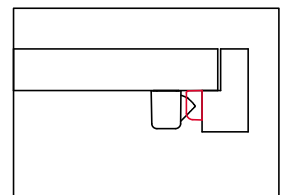


3402

### SL-0142 Standard Horizontal Pullman Latch Keep

- Surface mounted keep for top and bottom horizontal Pullman latches
- Supplied as standard with the 522 and 523 panic and emergency exit bolts

Construction – diecast aluminium  
Finish – black powder coated/RAL finish available on request



SL-0142

### 406A Horizontal Pullman Latch Keep For Rebated Double Doors

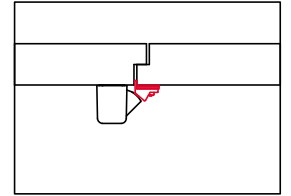
- Used with the Exidor horizontal Pullman latches for double rebated door applications
- Used with the 522 and 523 panic and emergency exit bolts

Construction – diecast aluminium

Finish – powder coated/RAL finish available on request



HORIZONTAL PULLMAN LATCH-  
DOUBLE DOOR APPLICATION



406A

### 406A Vertical/Horizontal Pullman Latch Keep For Flush Doors and Frames

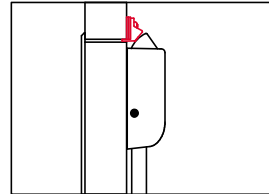
- Used with the Exidor vertical/horizontal Pullman latches for flush door and frame applications
- Used with the 512 and 513 panic and emergency exit bolts

Construction – diecast aluminium

Finish – powder coated/RAL finish available on request

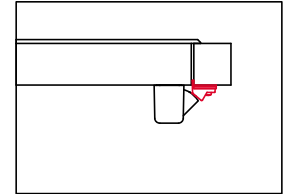


VERTICAL PULLMAN LATCH FOR  
FLUSH FACED DOOR / FRAME



406A

HORIZONTAL PULLMAN LATCH  
FOR FLUSH FACED DOOR / FRAME



406A

## ALUMINIUM DOOR KEEPS

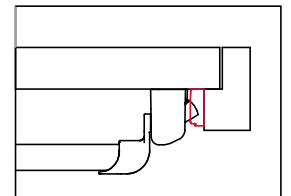
### Latch Bolt Keeps

#### SL-0140 Standard Latch Keep

- 500 series standard centre latch keep
- Supplied as standard with the 501, 503, 513 & 523

Construction – diecast aluminium

Finish – black powder coated/RAL finish available on request



SL-0140

#### SL-0144 Rebated Double Door Latch/Flush Faced single door and frame Keep

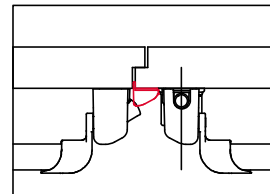
- 500 series rebated double door centre latch keep
- Used for rebated double doors
- Used for flush faced single doors and frames
- Used with the 501, 503, 513 & 523

Construction - diecast aluminium

Finish – powder coated/RAL finish available on request

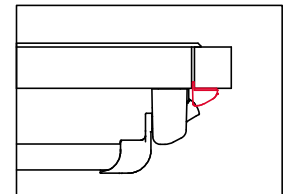


DOUBLE DOOR APPLICATION



SL-0144

SINGLE FLUSH FACED DOOR /  
FRAME APPLICATION



SL-0144

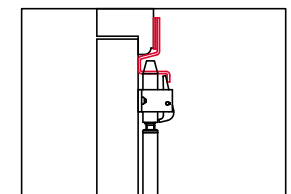
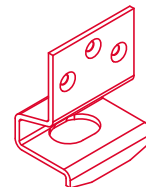
### Top Bolt Keeps

#### 2401 Top Trip

- Surface mounted keep for top shoot bolts
- Kit supplied includes spacers for applications where the distance between the header rail and the door face is between 14mm and 21mm
- Supplied as standard with the 502 and 503 panic and emergency exit bolts

Construction - mild steel

Finish - electro galvanised/RAL finish available on request



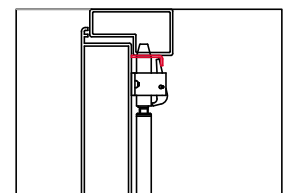
2401

#### P0401 Standard Top Trip

- Used for standard bolts on aluminium frames.
- Supplied as standard with the 502 and 503 panic and emergency exit bolts

Construction - mild steel

Finish - electro galvanised/RAL finish available on request



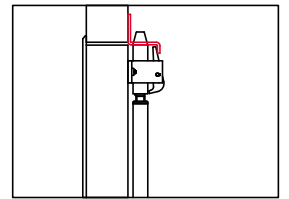
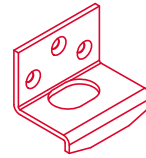
P0401

### 2405 Top Trip

- Surface mounted keep for top shoot bolts on aluminium frames
- For flush fitting doors/frames
- Used with the 502 and 503 series panic and emergency exit bolts

Construction - mild steel

Finish - electro galvanised/RAL finish available on request



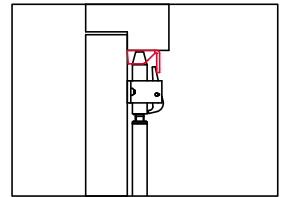
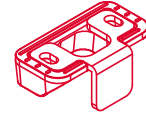
2405

### 3405A Top Trip

- Surface mounted keep for aluminium top header rail
- No clearance hole in the header rail to accept the top shoot bolt is required
- Used with the 502 and 503 series panic and emergency exit bolts

Construction - diecast zinc/mild steel

Finish - electro galvanised



3405A

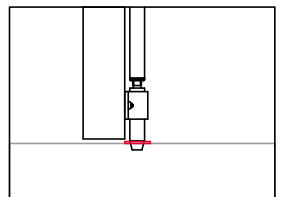
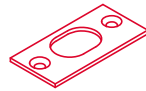
## Bottom Bolt Keeps

### P1301 Standard Bottom Keep

- Standard 500 series bottom bolt keep
- Supplied as standard with the 502 and 503 panic and emergency exit bolts

Construction - mild steel

Finish - electro galvanised



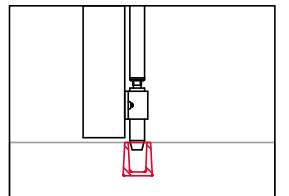
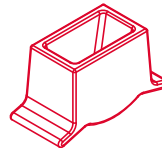
P1301

### P0301 Easy Clean Socket

- Used with the 502 and 503 panic and emergency exit bolts

Construction – grey cast iron

Finish – electro galvanised



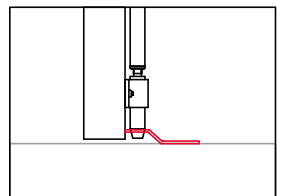
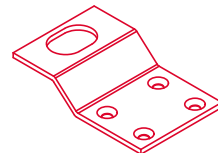
P0301

### 2403 Low Threshold Bottom Keep

- For low thresholds or an alternative to boring a hole in a concrete floor to accept the bottom shoot bolt
- Designed to the requirements of CEN standards and building regulations
- Supplied as standard with the 502 and 503 series panic and emergency exit bolts

Construction - mild steel

Finish - electro galvanised/RAL finish available on request



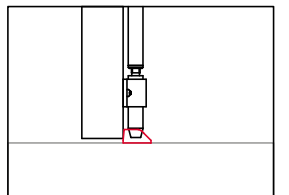
2403

### 3405 Bottom Keep

- Surface mounted keep for bottom shoot bolts
- No clearance hole in the floor is required
- Used with the 502 and 503 series panic and emergency exit bolts

Construction - diecast zinc

Finish - electro galvanised



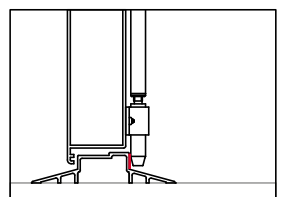
3405

### SL-0159 Threshold Seal Bottom Keep

- Bottom bolt keep plate for use with a vertical faced threshold seal
- No clearance hole in the floor or threshold seal required
- Used with the 502 and 503 panic and emergency exit bolts
- Multiple keeps can be used for additional thickness, if required

Construction – stainless steel

Finish – self colour



SL-0159

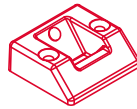


### 3402 Standard Vertical Pullman Latch Keep

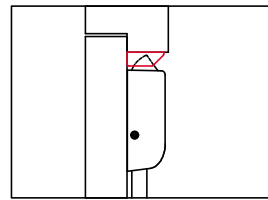
- Surface mounted keep for top and bottom vertical Pullman latches
- Supplied as standard with the 512 and 513 panic and emergency exit bolts

Construction – diecast aluminium

Finish – black powder coated/RAL finish available on request

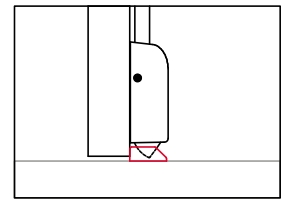


TOP VERTICAL PULLMAN LATCH



3402

BOTTOM VERTICAL PULLMAN LATCH



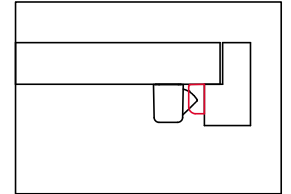
3402

### SL-0142 Standard Horizontal Pullman Latch Keep

- Surface mounted keep for top and bottom horizontal Pullman latches
- Supplied as standard with the 522 and 523 panic and emergency exit bolts

Construction – diecast aluminium

Finish – black powder coated/RAL finish available on request



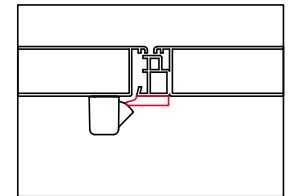
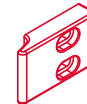
SL-0142

### SL-0317 Horizontal Pullman Latch Keep

- Used with the Exidor horizontal Pullman latches for both flush fitting doors/frames and on double rebated door applications
- Used with the 522 and 523 panic and emergency exit bolts

Construction – diecast zinc

Finish – electro nickel plated



SL-0317

## uPVC DOOR KEEPS

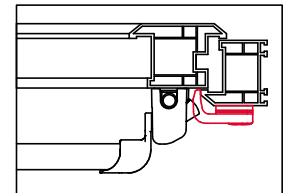
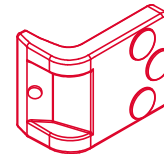
### Latch Bolt Keeps

### SL-0160 Standard uPVC Latch Keep

- 500 series standard centre latch keep
- Suitable for all uPVC profiles
- Supplied as standard with the 503, 513 & 523

Construction – diecast aluminium

Finish – white powder coated/brown finish available on request



SL-0160

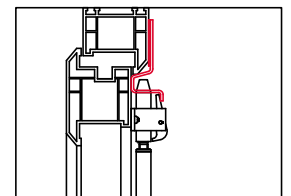
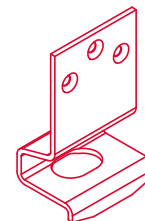
### Top Bolt Keeps

### SL-0150 Standard Top Trip

- Surface mounted keep for top shoot bolts
- Supplied as standard with the 502 and 503 panic and emergency exit bolts

Construction – mild steel

Finish – white powder coated/RAL finish available on request



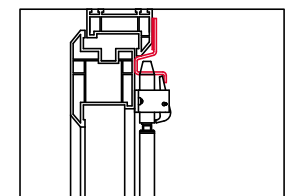
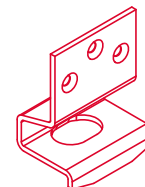
SL-0150

### 2401 Top Trip

- Surface mounted keep for top shoot bolts
- Kit supplied includes spacers for applications where the distance between the header rail and the door face is between 14mm and 21mm
- Used with the 502 and 503 panic and emergency exit bolts

Construction – mild steel

Finish – electro galvanised/RAL finish available on request



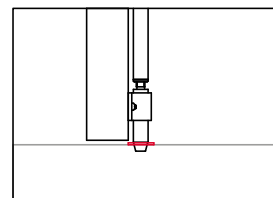
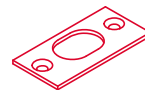
2401

## Bottom Bolt Keeps

### P1301 Standard Bottom Keep

- Standard 500 series bottom bolt keep
- Supplied as standard with the 502 and 503 panic and emergency exit bolts

Construction - mild steel  
Finish - electro galvanised

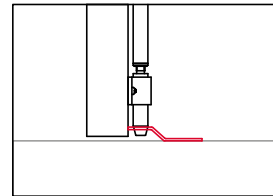
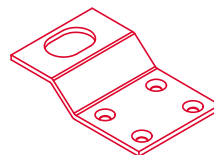


P1301

### 2403 Low Threshold Bottom Keep

- For low thresholds or an alternative to boring a hole in a concrete floor to accept the bottom shoot bolt
- Designed to the requirements of CEN standards and building regulations
- Used with the 502 and 503 series panic and emergency exit bolts

Construction - mild steel  
Finish - electro galvanised/RAL finish available on request

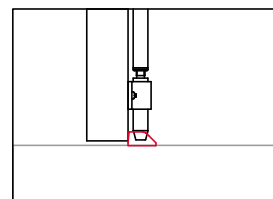
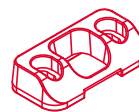


2403

### 3405 Bottom Keep

- Surface mounted keep for bottom shoot bolts
- No clearance hole in the floor is required
- Used with the 502 and 503 series panic and emergency exit bolts

Construction - diecast zinc  
Finish - electro galvanised

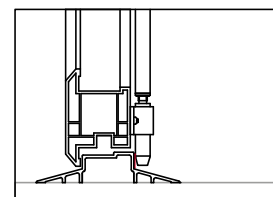


3405

### SL-0159 Threshold Seal Bottom Keep

- Bottom bolt keep plate for use with a vertical faced threshold seal
- No clearance hole in the floor or threshold seal required
- Used with the 502 and 503 panic and emergency exit bolts

Construction – stainless steel  
Finish – self colour

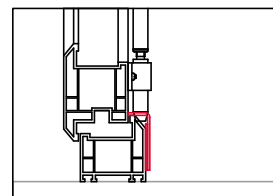
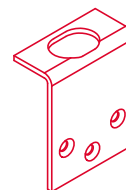


SL-0159

### SL-0151 uPVC Bottom Keep

- For uPVC doors/frames that have a high threshold
- Complete with spacers for applications where the distance between the door face and the face of the threshold is between 14mm and 21mm
- Used with the 502 and 503 panic and emergency exit bolts

Construction – mild steel  
Finish – white powder coated/RAL finish available on request



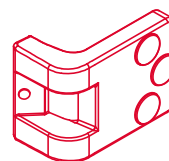
SL-0151

## Pullman Latch Keeps

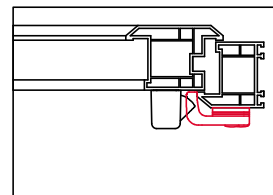
### SL-0161 Standard uPVC Vertical and Horizontal Pullman Latch Keep

- 500 series standard vertical and horizontal Pullman latch keep
- Suitable for all uPVC profiles
- Supplied as standard with the 512, 513, 522 & 523 panic and emergency exit bolts

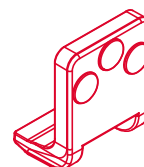
Construction – diecast aluminium  
Finish – white powder coated/brown finish available on request



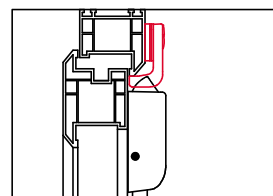
HORIZONTAL PULLMAN LATCH -  
SINGLE DOOR



SL-0161



VERTICAL PULLMAN LATCH -  
SINGLE DOOR



SL-0161

# Technical Data

## Maintenance

It is important that all panic and emergency exit hardware devices are inspected and maintained properly to ensure safety when exiting a building in any situation.

Once the device is fitted regular maintenance is recommended.

### Weekly:

- Make sure the exit device functions correctly
- Any fixings that have worked loose should be re-secured
- Any damaged components should be replaced
- Ensure there are no obstructions which prevent the panic/emergency exit unit from functioning correctly

### Every three months:

- Check for wear. Any visible worn components should be replaced

## Fixing / Installation

Installation instructions are supplied with all the Exidor panic and emergency exit hardware. Provided the instructions are followed and the units are fitted by a competent person, the Exidor range will offer a high degree of safety and security. No responsibility can be accepted by the manufacturer if the installation instructions are not followed.

In order to meet the CEN European standards the door and frame should be of good quality and suitable to support the hardware.

Make sure that any weather strips or fixings on the door or frame do not interfere with the opening and closing of the door.

All bars and shoots should be cut to the exact size on site and each shoot is supplied with loose end plugs.

## Construction

The main chassis and mounting plate are constructed of steel. The covers are diecast zinc and the guides are extruded aluminium. Zinc diecast and steel are used for the internal components. Shoot ends are made of steel with tubular steel rods and crossbar. The centre latch is nickel plated zinc diecast.

## Passivate Protection - On Request

The passivation process gives extra protection to steel shoot tubes and crossbar, and is recommended when the product is to be used in harsh conditions, such as external gates, around swimming pools or coastal areas.

## Standard Sizes

Standard sized units are suitable for doors up to 1220mm wide and 2440mm high. The shoot bolts and cross bars can be cut down on site to suit the door height and width.

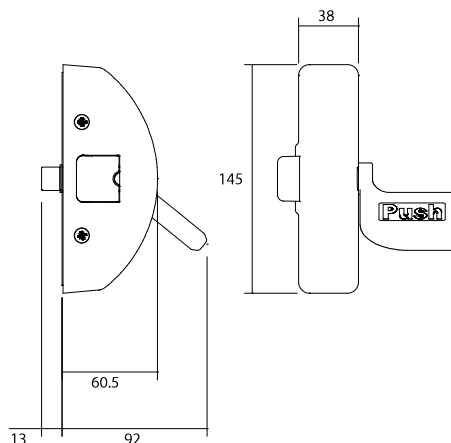
For larger doors above 2440mm high special size top shoot bolt lengths are available upon request. The following lengths are stocked by Exidor Ltd.

- 1210mm for doors up to 2440mm high (Standard size supplied)
- 1600mm for doors up to 2680mm high
- 2100mm for doors up to 3180mm high

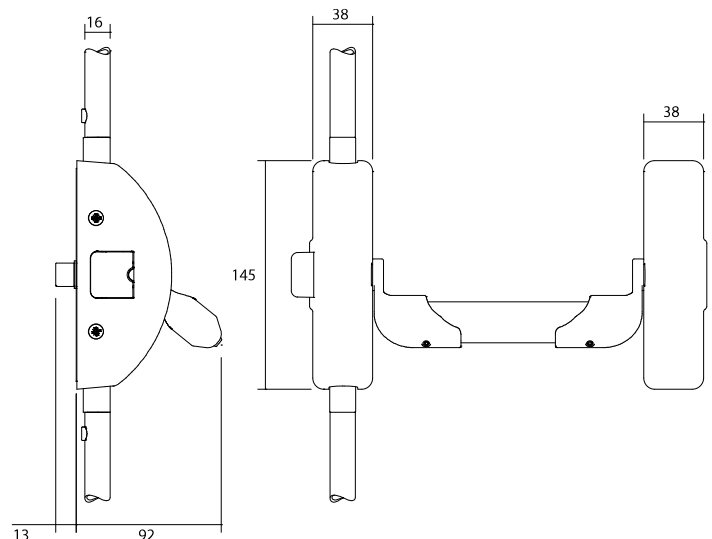
## Threshold Seal

The ES1 threshold seal plate is for outward opening broad butt hinged doors. The seal meets the requirements of the Equality Act and has been fire, smoke and acoustic tested.

PUSH PAD EMERGENCY EXIT LATCH



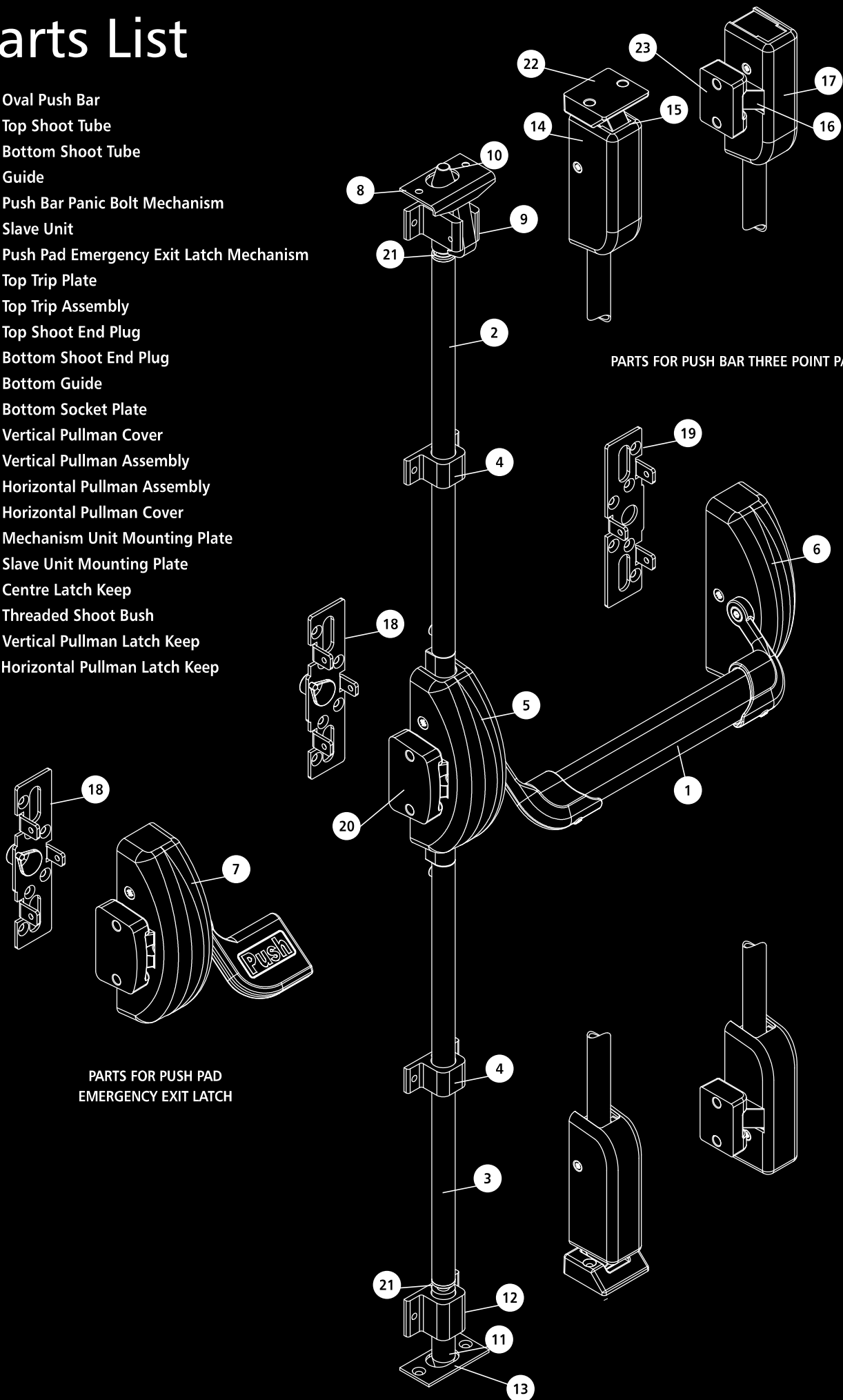
PUSH BAR THREE POINT PANIC BOLT



All measurements in mm

# Parts List

1. Oval Push Bar
2. Top Shoot Tube
3. Bottom Shoot Tube
4. Guide
5. Push Bar Panic Bolt Mechanism
6. Slave Unit
7. Push Pad Emergency Exit Latch Mechanism
8. Top Trip Plate
9. Top Trip Assembly
10. Top Shoot End Plug
11. Bottom Shoot End Plug
12. Bottom Guide
13. Bottom Socket Plate
14. Vertical Pullman Cover
15. Vertical Pullman Assembly
16. Horizontal Pullman Assembly
17. Horizontal Pullman Cover
18. Mechanism Unit Mounting Plate
19. Slave Unit Mounting Plate
20. Centre Latch Keep
21. Threaded Shoot Bush
22. Vertical Pullman Latch Keep
23. Horizontal Pullman Latch Keep



PARTS FOR PUSH BAR THREE POINT PANIC BOLT

PARTS FOR PUSH PAD  
EMERGENCY EXIT LATCH

# Regulations

The two standards for panic and emergency exit hardware are as follows:-

## EN1125: 2008

For push bar and touch bar devices which can be used in any environment, particularly areas open to members of the public.

*Application examples: shopping centres, areas of entertainment, public buildings*



## EN179: 2008

For push pad and lever handle devices which can only be used in areas where occupants of the building are familiar with the layout and means of escape, and where members of the public do not have access.

*Application examples: factory, warehouse, offices*



## Classification Coding System for Panic and Emergency Exit Hardware

Under both these two standards each product is tested and classified accordingly to show its compliance by the identification of a 10-digit code that is visible on the product and fitting instructions. Each digit represents a category and how it measured against the standard to which it was tested.

*Example:*

Digit: 1 2 3 4 5 6 7 8 9 10

Classification No.	3	7	6	B	1	3	2	2	A	A
--------------------	---	---	---	---	---	---	---	---	---	---



### Digit 1 - Category of Use

Only one category is identified

3 = high frequency of use where there is little incentive to exercise care, i.e. where there is a chance of an accident occurring and misuse.

Example: Doors to shops, hospitals, schools and other buildings which provide access to designated areas and which are used by the public and others frequently carrying or propelling bulky objects.

### Digit 2 - Durability

6 = tested up to 100,000 cycles

7 = tested up to 200,000 cycles

### Digit 3 - Door Mass

5 = for doors up to 100kg

6 = for doors up to 200kg

7 = for doors over 200kg

### Digit 4 - Suitability for Use on Fire / Smoke Doors

0 = not approved for use on fire / smoke door assemblies

A = suitable for use on smoke door assemblies

B = Suitable for use on fire and smoke door assemblies based on a test in accordance with EN1634-1

### Digit 5 - Safety

Only the top grade is allowed on panic and emergency exit hardware

1 = safety

### Digit 6 - Corrosion Resistance to EN 1670

3 = high resistance

4 = very high resistance

### Digit 7 - Security for Products

#### EN 1125

2 = 1,000 N - this is the only grade allowed under EN 1125

#### EN 179

2 = 1,000N / 3 = 2,000N / 4 = 3,000N / 5 = 5,000N

These four grades are used to allow the opportunity of greater security because these devices are subject to testing with doors under a greater pressure.

### Digit 8 - Projection of Device

1 = large projection (projection of 150mm from the face of the door)

2 = standard projection (projection of 100mm from the face of the door)

### Digit 9 - Type of Device

#### EN 179

A = emergency device using a lever handle

B = emergency device using a push pad

#### EN 1125

A = panic device using a push bar

B = panic device using a touch bar

### Digit 10 - Door Application

#### EN 179

A = outwardly opening single exit door, double exit door: active or inactive leaf

B = outwardly opening single exit door only

C = outwardly opening double exit door: inactive leaf only

D = inwardly opening single exit door only

#### EN 1125

A = single door, double door: active or inactive leaf

B = single door only

C = double door, inactive leaf only

# Glossary

## Emergency Exit Hardware

Products that are classified as emergency exit hardware offer a single operation of a lever or push pad to release the device. These are certified to EN 179 and can only be used on premises that require prior knowledge of its operation and where panic situations are not foreseen, such as offices and areas that are not open to the public.

## Panic Exit Hardware

Products that are classified as panic exit hardware offer a single operation of a push bar or touch bar to release the device. These are certified to EN 1125 and can be used on premises that do not require prior knowledge of its operation and where panic situations are foreseen, such as places of entertainment, public buildings and areas open to the public.

## Rebated Doors

A pair of double doors that are rebated.

## Non-Rebated Doors

A pair of double doors that are flush fitting.

## Mechanism Unit

This is the main unit that controls the travel of the bolts and latches.

## Automatic Top Trip

Device used to hold the bolts in the withdrawn position when the door is open. When the door is closed, the automatic top trip releases the bolts securing the door.

## Anti-thrust

A device built into a unit to prevent either a bolt or latch from being forced back when in the closed position, thus increasing the level of security.

## Adjustable Shoots

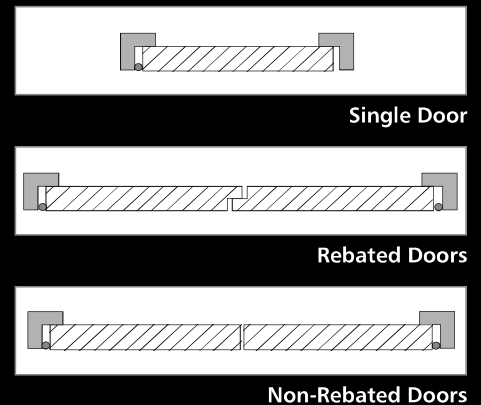
To overcome the problem of bolts not fully engaging in the keeps due to the door or frame moving after a period of time, adjustable shoots are used on Exidor panic and emergency exit bolts. They allow  $\pm 5\text{mm}$  of adjustment, and are particularly suited for soft wood, uPVC and aluminium doors.

## Slave Unit

The slave unit supports the cross bar on any panic hardware.

## Microswitch

For situations that require the panic hardware to be linked to a monitoring or alarm system a microswitch can be fitted in the slave unit. The microswitch opens/closes an electrical circuit when the cross bar is operated.



# Product Features

## Single doors

Product No.	Description	EN Standard		Bolt Type			Door Type			CE Mark	Fire Rated	Locking Points
		179	1125	Adjustable	Vertical Pullman Latches	Horizontal Pullman Latches	Timber Door	Aluminium Door	uPVC Door			
501-P	Push pad single emergency exit latch	●					●			●	●	1
501-P/AD	Push pad single emergency exit latch	●						●		●	●	1
501-B	Push bar single panic latch		●				●			●	●	1
501-B/AD	Push bar single panic latch		●					●		●	●	1
502A-P	Push pad single emergency exit bolt	●		●			●			●	●	2
502A-P/AD	Push pad single emergency exit bolt	●		●				●		●	●	2
502A-P/UD	Push pad single emergency exit bolt	●		●					●	●	●	2
502A-B	Push bar single panic bolt		●	●			●			●	●	2
502A-B/AD	Push bar single panic bolt		●	●				●		●	●	2
502A-B/UD	Push bar single panic bolt		●	●					●	●	●	2
503A-P	Push pad three point emergency exit bolt	●		●			●			●	●	3
503A-P/AD	Push pad three point emergency exit bolt	●		●				●		●	●	3
503A-P/UD	Push pad three point emergency exit bolt	●		●					●	●	●	3
503A-B	Push bar three point panic bolt		●	●			●			●	●	3
503A-B/AD	Push bar three point panic bolt		●	●				●		●	●	3
503A-B/UD	Push bar three point panic bolt		●	●					●	●	●	3
512-P	Push pad single emergency exit bolt with vertical Pullman latches	●			●		●			●	●	2
512-P/AD	Push pad single emergency exit bolt with vertical Pullman latches	●			●			●		●	●	2
512-P/UD	Push pad single emergency exit bolt with vertical Pullman latches	●			●				●	●	●	2
512-B	Push bar single panic bolt with vertical Pullman latches		●		●		●			●	●	2
512-B/AD	Push bar single panic bolt with vertical Pullman latches		●		●			●		●	●	2
512-B/UD	Push bar single panic bolt with vertical Pullman latches		●		●				●	●	●	2
522-P	Push pad single emergency exit bolt with horizontal Pullman latches	●				●	●			●	●	2
522-P/AD	Push pad single emergency exit bolt with horizontal Pullman latches	●				●		●		●	●	2
522-P/UD	Push pad single emergency exit bolt with horizontal Pullman latches	●				●			●	●	●	2
522-B	Push bar single panic bolt with horizontal Pullman latches		●			●	●			●	●	2
522-B/AD	Push bar single panic bolt with horizontal Pullman latches		●			●		●		●	●	2
522-B/UD	Push bar single panic bolt with horizontal Pullman latches		●			●			●	●	●	2



Product No.	Description	EN Standard		Bolt Type			Door Type			CE Mark	Fire Rated	Locking Points
		179	1125	Adjustable	Vertical Pullman Latches	Horizontal Pullman Latches	Timber Door	Aluminium Door	uPVC Door			
513-P	Push pad three point emergency exit bolt with vertical Pullman latches	●			●		●			●	●	3
513-P/AD	Push pad three point emergency exit bolt with vertical Pullman latches	●			●			●		●	●	3
513-P/UD	Push pad three point emergency exit bolt with vertical Pullman latches	●			●				●	●	●	3
513-B	Push bar three point panic bolt with vertical Pullman latches		●		●		●			●	●	3
513-B/AD	Push bar three point panic bolt with vertical Pullman latches		●		●			●		●	●	3
513-B/UD	Push bar three point panic bolt with vertical Pullman latches		●		●				●	●	●	3
523-P	Push pad three point emergency exit bolt with horizontal Pullman latches	●				●	●			●	●	3
523-P/AD	Push pad three point emergency exit bolt with horizontal Pullman latches	●				●		●		●	●	3
523-P/UD	Push pad three point emergency exit bolt with horizontal Pullman latches	●				●			●	●	●	3
523-B	Push bar three point panic bolt with horizontal Pullman latches		●			●	●			●	●	3
523-B/AD	Push bar three point panic bolt with horizontal Pullman latches		●			●		●		●	●	3
523-B/UD	Push bar three point panic bolt with horizontal Pullman latches		●			●			●	●	●	3

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