

Panic and emergency exit hardware

UNION
ASSA ABLOY

Exidor 500 series

Slimline range



EXIDOR

Performance you can trust

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Guarantee

To support the high quality and first class engineering that has gone into our Exidor range, we provide a ten year guarantee (subject to conditions) against defects due to faulty manufacturing, workmanship or defective material. We agree 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

We're here to help with technical support.

Tel: 0845 223 2124
email: csdcomm@assaabloy.com

uniononline.co.uk

DOOR

Exidor 500 series slimline range

We are a leading manufacturer of panic and emergency exit hardware and joined the UNION family in 2021. The Exidor range of products has been meeting the needs of architects, specifiers, project managers, OEMs and building managers for more than 90 years. And, we're proud to have 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.

EN 179:
For offices, factories and other environments where people are familiar with exit routes.

EN 1125:
For areas of entertainment, public buildings and other commercial applications.

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, it 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?

We make our products at our state-of-the-art manufacturing centre in the UK. This means we're close to our products and can ensure the quality and reliability of our product range – giving you the confidence and trust for total peace of mind.

We're proud that our products carry the Made In Britain mark.

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

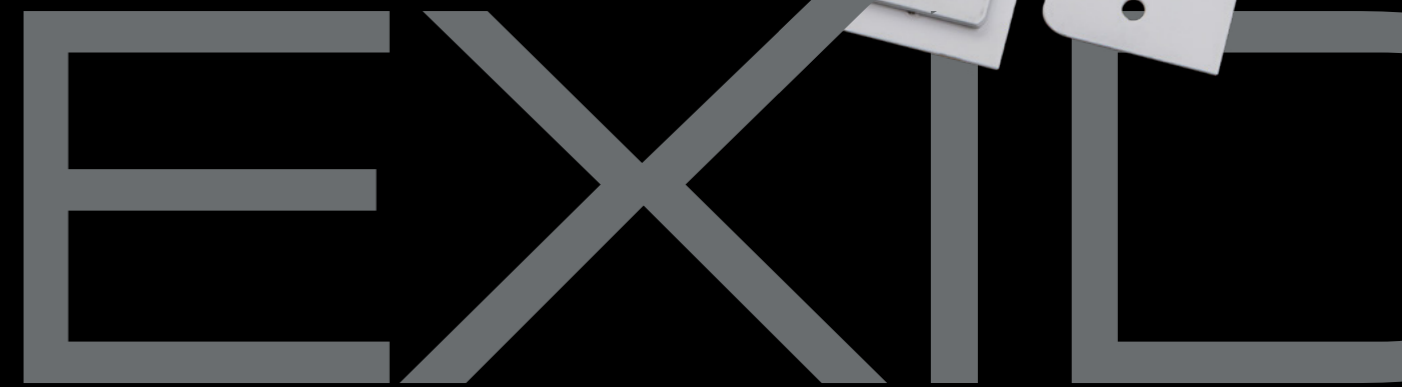


3 point panic bolt with shoot bolts

Exidor can also offer a range of popular RAL and 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 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.

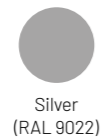
Brass and stainless steel finishes are also available but are not recommended for outside access devices, external use or use in corrosive environments.

There is also a range of popular RAL and Hewi colours to match other ironmongery products that may be fitted. 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)

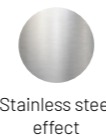


Black/Red

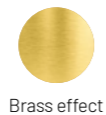


White/Green

Plated finishes available:



Stainless steel effect



Brass effect

Popular RAL colours available:



Pure white 9010



Agate grey 7038



Olive brown 8008



Ultra marine blue 5002



Mint green 6029



Black green 6012



Ruby red 3003



Ivory 1014



Black red 3007



Traffic yellow 1023



Jet black 9005



Steel blue 5011



Fir green 6009



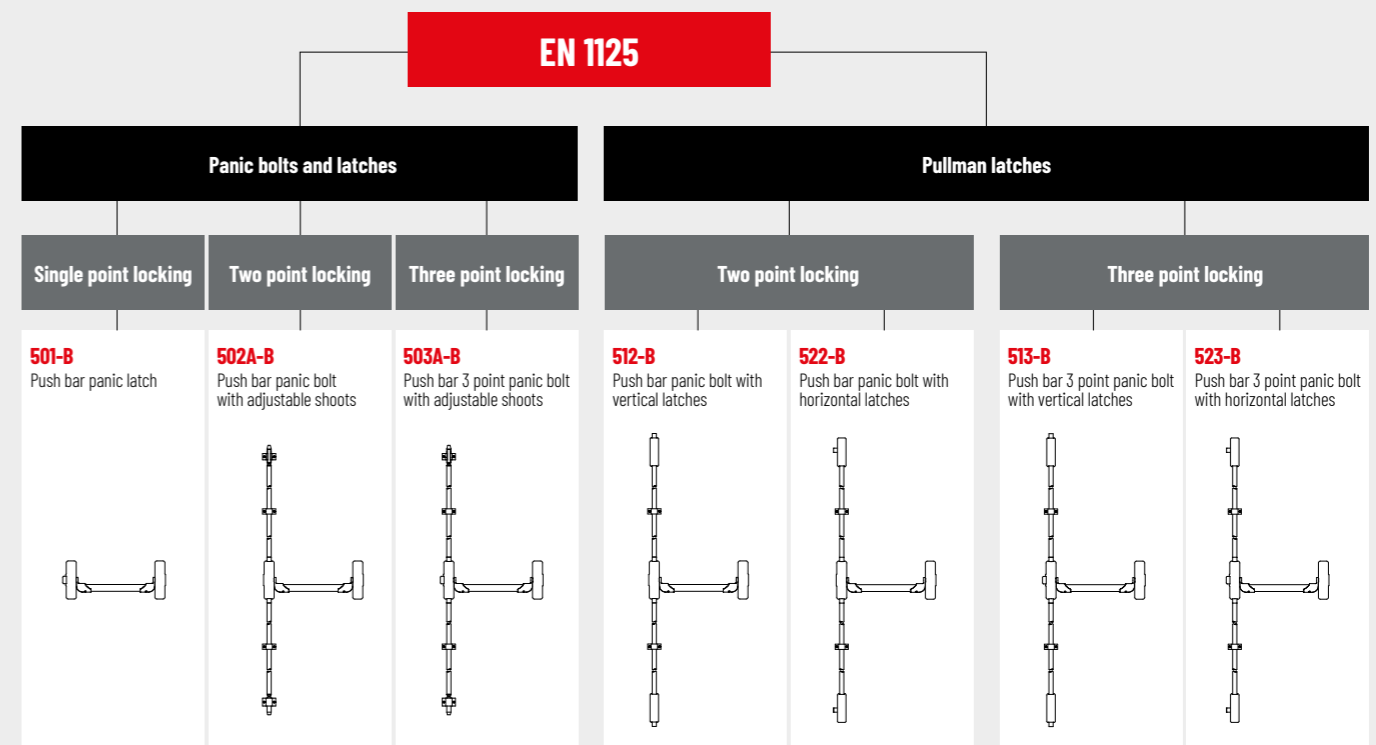
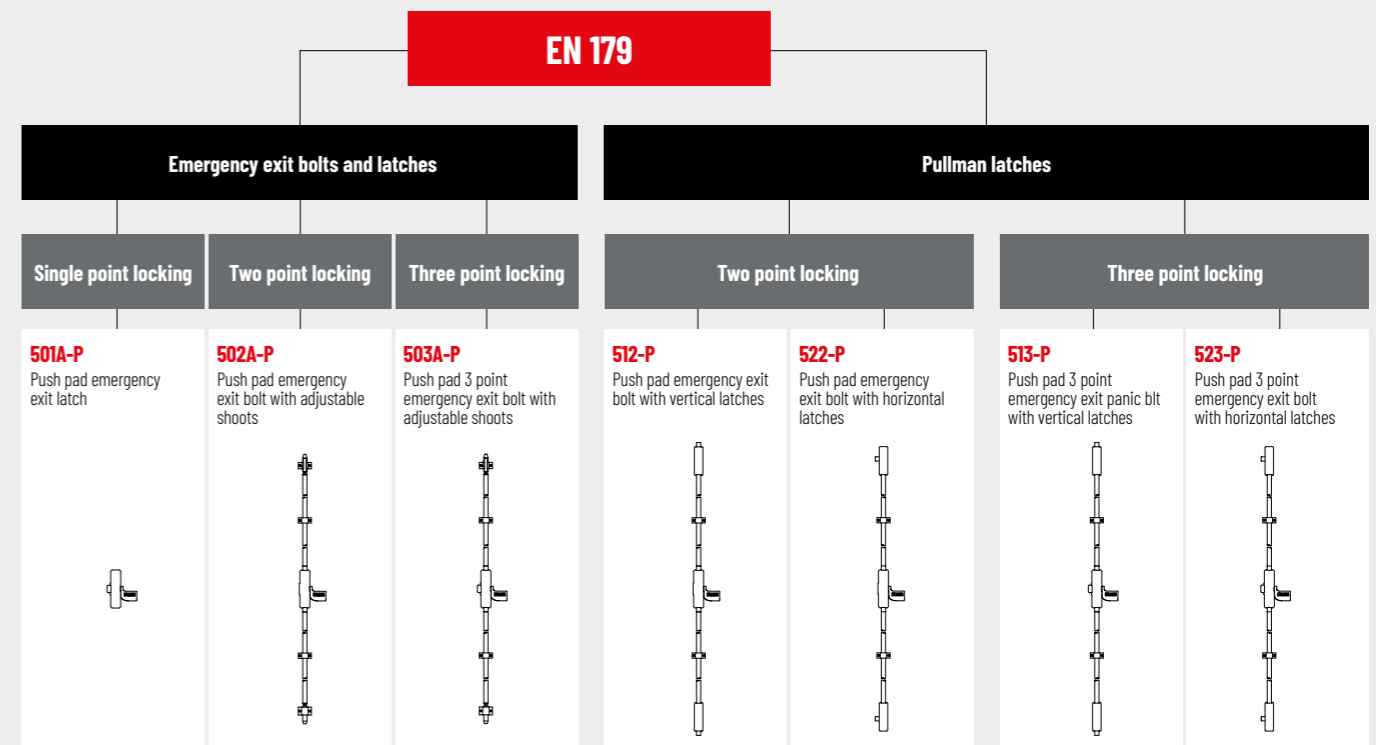
Anthracite grey 7016



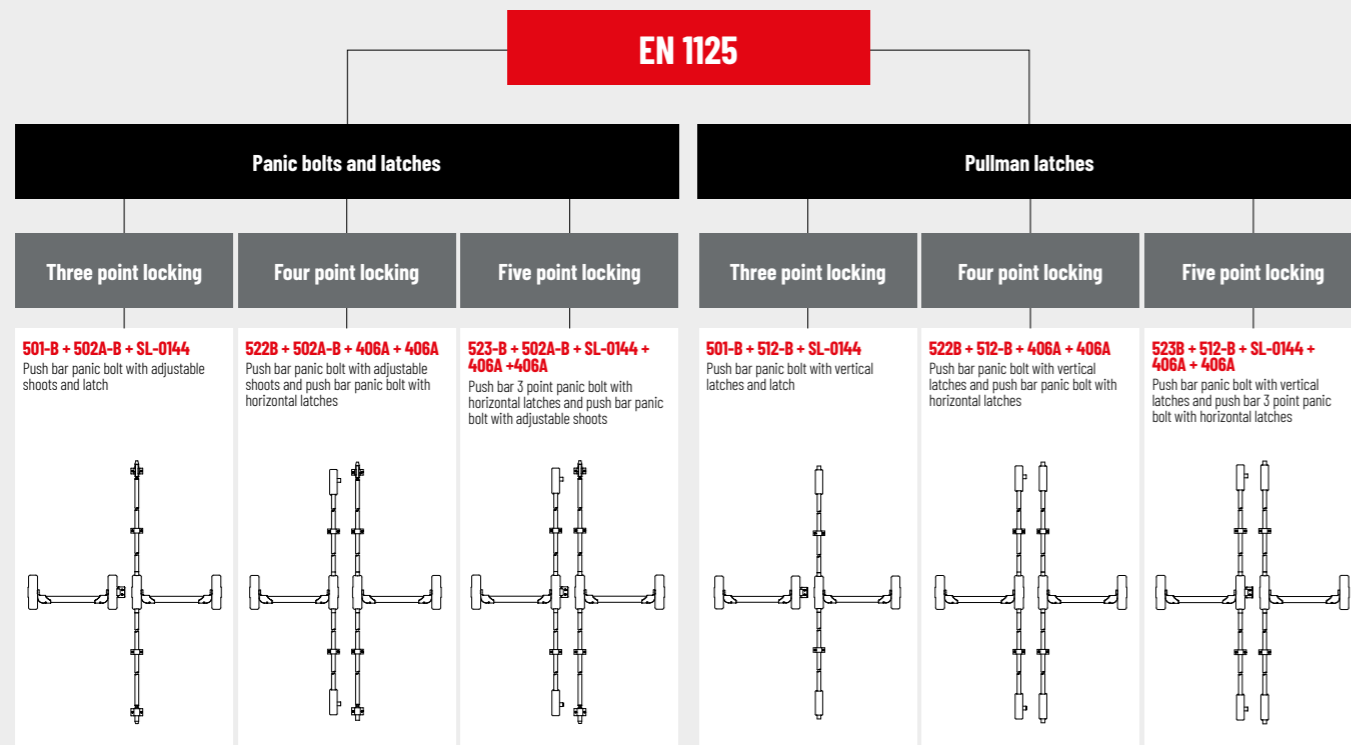
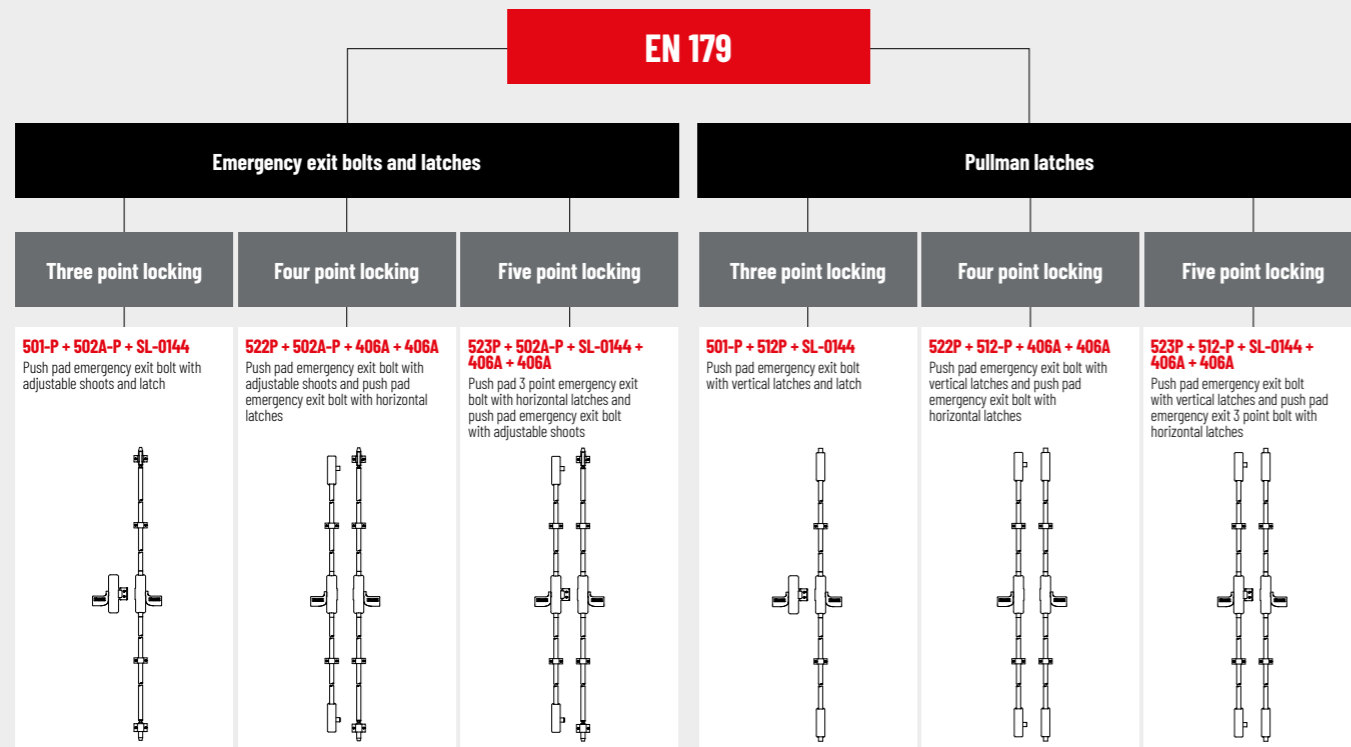
Gold



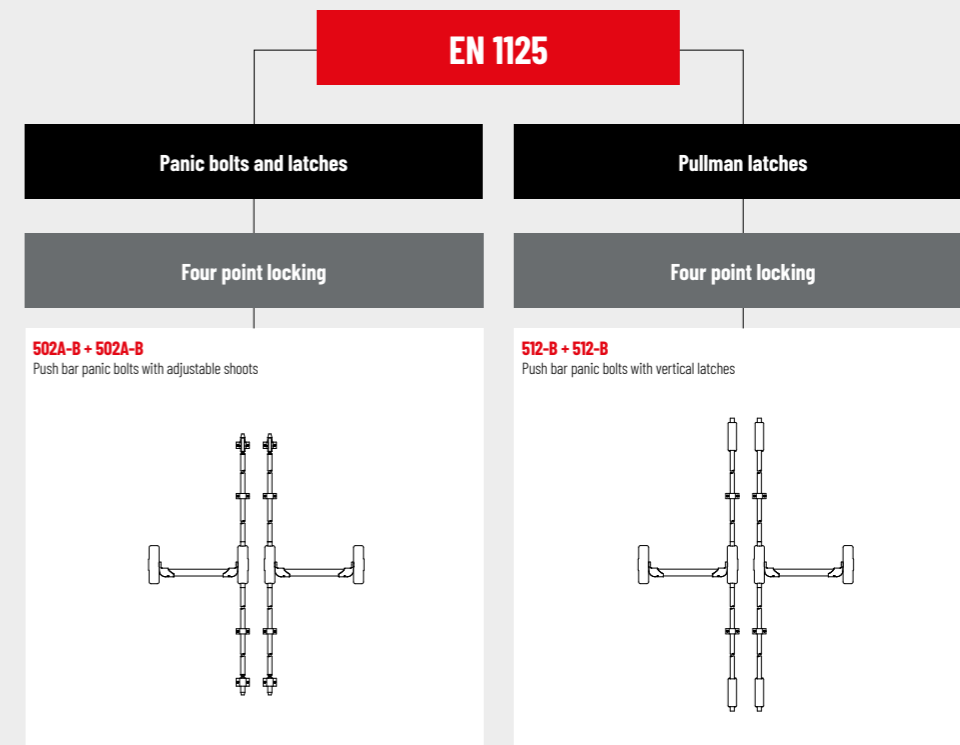
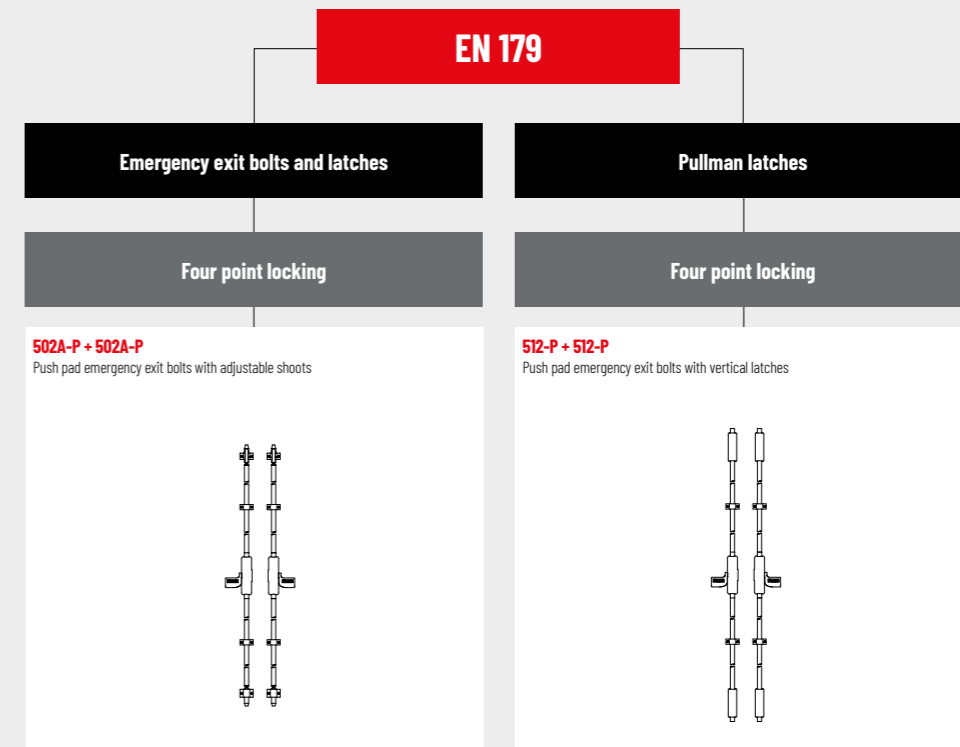
Single doors



Rebated double doors



Non-rebated double doors





Single doors 501-P

Single point locking

Classification No.	3	7	6	B	1	3	2	2	B	A
EN 179 : 2008										

- 501-P** Push pad emergency exit latch for wooden doors
- 501-P/AD** Push pad emergency exit latch for aluminium doors

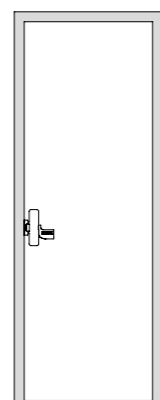
The Exidor 501-P is a surface mounted rim latch for single and double door applications. The slimline 38mm wide footprint makes it particularly suitable for use on doors with narrow stiles. Simply depressing the pad provides safe and speedy exit in the event of an emergency, whilst maintaining security against intrusion. Combining smooth stylish lines with the excellence of British engineering and a high quality powder coated finish ensures the 501-P is stylish enough for use in the most prestigious buildings with integrated interiors.

- Non-handed
- CE marked for safety
- Surface mounted
- 38mm wide footprint
- Suitable for doors with narrow stiles
- Standard colours: silver, white with green push pad and black with red push pad
- Available in most RAL colours



Optional accessories for the 501-P emergency exit latch

- 525EC outside access device with euro cylinder – lever operated
- 525EA outside access device with euro aperture – lever operated
- 526EC outside access device with euro cylinder – knob operated
- 526EA outside access device with euro aperture – knob operated
- CL1 mechanical push button outside access device
- CL2 mechanical push button outside access device with passage facility
- CL3 quick code mechanical push button outside access device



501-P



Single doors 502A-P / 512-P / 522-P

Two point locking

Classification No.	3	7	6	B	1	3	2	2	B	A
EN 179 : 2008										

- 502A-P** Push pad emergency exit bolt for wooden doors
- 502A-P/AD** Push pad emergency exit bolt for aluminium doors
- 502A-P/UD** Push pad emergency exit bolt for uPVC doors

The Exidor 502A-P is an elegant and highly functional emergency exit bolt for single and double door applications. Incorporated as standard is an automatic top trip. The main body is fitted with an anti-thrust device, which prevents leverage of both the top and bottom shoot bolts from their sockets.

- 512-P** Push pad emergency exit bolt with vertical latches for wooden doors
- 512-P/AD** Push pad emergency exit bolt with vertical latches for aluminium doors
- 512-P/UD** Push pad emergency exit bolt with vertical latches for uPVC doors

The Exidor 512-P offers all the elegance and functions of the Exidor push pad emergency exit bolt with the added feature of vertical Pullman latches which increases security and offers a smooth latching action.

- 522-P** Push pad emergency exit bolt with horizontal latches for wooden doors
- 522-P/AD** Push pad emergency exit bolt with horizontal latches for aluminium doors
- 522-P/UD** Push pad emergency exit bolt with horizontal latches for uPVC doors

The Exidor 522-P offers all the elegance and functions of the Exidor push pad emergency exit bolt with the added feature of horizontal Pullman latches which increases security and offers a smooth latching action.

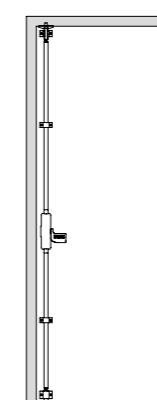
- Non-handed
- CE marked for safety
- Surface mounted
- 38mm wide footprint
- Suitable for doors with narrow stiles
- Standard colours: silver, white with green cross bar and black with red cross bar
- Available in most RAL colours



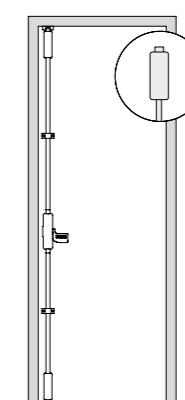
Standard Sizes
Standard size emergency exit bolts are suitable for single doors up to 2440mm high. Special sizes are available on request.

Optional accessories for all the single emergency exit bolts

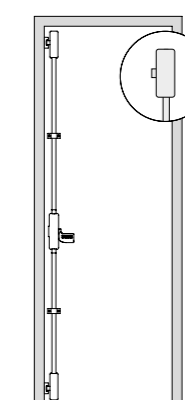
- 525EC outside access device with euro cylinder – lever operated
- 525EA outside access device with euro aperture – lever operated
- 526EC outside access device with euro cylinder – knob operated
- 526EA outside access device with euro aperture – knob operated
- CL1 mechanical push button outside access device
- CL2 mechanical push button outside access device with passage facility
- CL3 quick code mechanical push button outside access device



502A-P



512-P



522-P



Single doors 503A-P / 513-P / 523-P

Three point locking

Classification No.	3	7	6	B	1	3	2	2	B	A
EN 179 : 2008										

- 503A-P** Push pad three point emergency exit bolt for wooden doors
- 503A-P/AD** Push pad three point emergency exit bolt for aluminium doors
- 503A-P/UD** Push pad three point emergency exit bolt for uPVC doors

The Exidor 503A-P is an elegant and highly functional three point emergency exit bolt for single and double door applications. Incorporated as standard is an automatic top trip. The three locking points ensure a higher level of security and the main body is fitted with an anti-thrust device, which prevents leverage of both the top and bottom shoot bolts from their sockets.

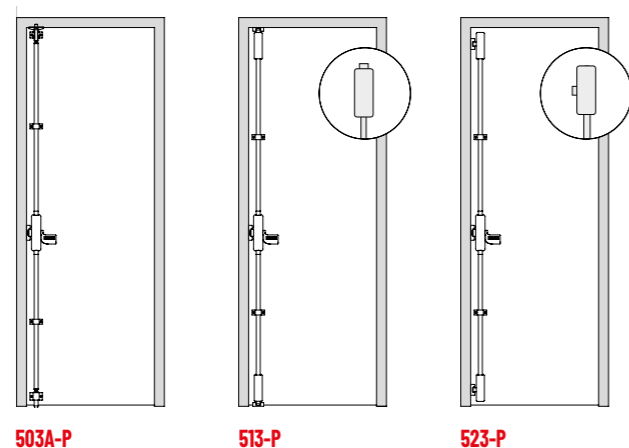
- 513-P** Push pad three point emergency exit bolt with vertical latches for wooden doors
- 513-P/AD** Push pad three point emergency exit bolt with vertical latches for aluminium doors
- 513-P/UD** Push pad three point emergency exit bolt with vertical latches for uPVC doors

The Exidor 513-P offers all the security, elegance and functions of the Exidor push pad three point emergency exit bolt with the added feature of vertical Pullman latches which increases security and offers a smooth latching action.

- 523-P** Push pad three point emergency exit bolt with horizontal latches for wooden doors
- 523-P/AD** Push pad three point emergency exit bolt with horizontal latches for aluminium doors
- 523-P/UD** Push pad three point emergency exit bolt with horizontal latches for uPVC Doors

The Exidor 523-P offers all the elegance and functions of the Exidor push pad three point emergency exit bolt with the added feature of horizontal Pullman latches which increases security and offers a smooth latching action.

- Non-handed
- CE marked for safety
- Surface mounted
- 38mm wide footprint
- Suitable for doors with narrow stiles
- Standard colours: silver, white with green push pad and black with red push pad
- Available in most RAL colours



503A-P

513-P

523-P



Standard Sizes

Standard size emergency exit bolts are suitable for single doors up to 2440mm high. Special sizes are available on request.

Optional accessories for all the three point emergency exit bolts

- 525EC outside access device with euro cylinder – lever operated
- 525EA outside access device with euro aperture – lever operated
- 526EC outside access device with euro cylinder – knob operated
- 526EA outside access device with euro aperture – knob operated
- CL1 mechanical push button outside access device
- CL2 mechanical push button outside access device with passage facility
- CL3 quick code mechanical push button outside access device



Single doors 501-B

Single point locking

Classification No.	3	7	6	B	1	3	2	2	A	A
EN 1125 : 2008										

- 501-B** Push bar panic latch for wooden doors
- 501-B/AD** Push bar panic latch for aluminium doors

The Exidor 501-B panic latch is designed for single and double door applications. The slimline 38mm wide footprint makes it particularly suitable for use on doors with narrow stiles. The unit is operated by a thrust of the cross bar to give a speedy exit in panic situations. For situations that require the panic latch to be linked to a monitoring or alarm system, a microswitch can be fitted in the passive unit. The microswitch closes/opens an electrical circuit when the cross bar is operated. Combining smooth stylish lines with the excellence of British engineering and a high quality powder coated finish ensures the 501-B is stylish enough for use in the most prestigious buildings with integrated interiors.

- Non-handed
- CE marked for safety
- Surface mounted
- 38mm wide footprint
- Suitable for doors with narrow stiles
- Microswitch version available
- Standard colours: silver, white with green cross bar and black with red cross bar
- Available in most RAL colours



Standard Sizes

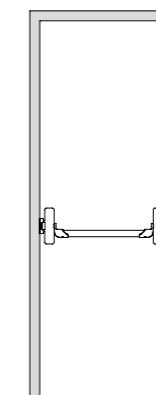
Standard size panic latches are suitable for single doors up to 1220mm wide. Special sizes are available on request.

Additional options

The Exidor reversible panic latches can be supplied with a microswitch (suffix MS after the product code)

Optional accessories for the 501-B panic latch

- 525EC outside access device with euro cylinder – lever operated
- 525EA outside access device with euro aperture – lever operated
- 526EC outside access device with euro cylinder – knob operated
- 526EA outside access device with euro aperture – knob operated
- CL1 mechanical push button outside access device
- CL2 mechanical push button outside access device with passage facility
- CL3 quick code mechanical push button outside access device



501-B



Single doors

502A-B / 512-B / 522-B

Two point locking

Classification No.	3	7	6	B	1	3	2	2	A	A
EN 1125 : 2008										

- 502A-B** Push bar panic bolt for wooden doors
- 502A-B/AD** Push bar panic bolt for aluminium doors
- 502A-B/UD** Push bar panic bolt for uPVC doors

The Exidor 502A-B is an elegant and highly functional panic bolt for single and double door applications. Incorporated as standard is an automatic top trip. The main body is fitted with an anti-thrust device, which prevents leverage of both the top and bottom shoot bolts from their sockets. For situations that require the panic bolt to be linked to a monitoring or alarm system, a microswitch can be fitted in the passive unit. The microswitch closes/opens an electrical circuit when the cross bar is operated.

- 512-B** Push bar panic bolt with vertical latches for wooden doors
- 512-B/AD** Push bar panic bolt with vertical latches for aluminium doors
- 512-B/UD** Push bar panic bolt with vertical latches for uPVC doors

The Exidor 512-B offers all the elegance and functions of the Exidor push bar panic bolt with the added feature of vertical Pullman latches which increases security and offers a smooth latching action.

- 522-B** Push bar panic bolt with horizontal latches for wooden doors
- 522-B/AD** Push bar panic bolt with horizontal latches for aluminium doors
- 522-B/UD** Push bar panic bolt with horizontal latches for uPVC doors

The Exidor 522-B offers all the elegance and functions of the Exidor push bar panic bolt with the added feature of horizontal Pullman latches which increases security and offers a smooth latching action.

- Non-handed
- CE marked for safety
- Surface mounted
- 38mm wide footprint
- Suitable for doors with narrow stiles
- Microswitch version available
- Standard colours: silver, white with green cross bar and black with red cross bar
- Available in most RAL colours

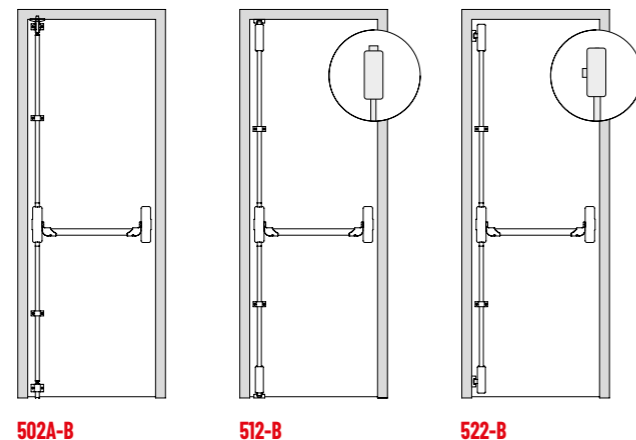


Standard Sizes
Standard size panic bolts are suitable for single doors up to 1220mm wide and 2440mm high. Special sizes are available on request

Additional options
The Exidor reversible single panic bolts can be supplied with a microswitch (suffix MS after the product code)

Optional accessories for all the single panic bolts

- 525EC outside access device with euro cylinder – lever operated
- 525EA outside access device with euro aperture – lever operated
- 526EC outside access device with euro cylinder – knob operated
- 526EA outside access device with euro aperture – knob operated
- CL1 mechanical push button outside access device
- CL2 mechanical push button outside access device with passage facility
- CL3 quick code mechanical push button outside access device



502A-B

512-B

522-B



Single doors

503A-B / 513-B / 523-B

Three point locking

Classification No.	3	7	6	B	1	3	2	2	A	A
EN 1125 : 2008										

- 503A-B** Push pad three point emergency exit bolt for wooden doors
- 503A-B/AD** Push bar three point panic bolt for aluminium doors
- 503A-B/UD** Push bar three point panic bolt for uPVC doors

The Exidor 503A-B is an elegant and highly functional three point panic bolt for single and double door applications. Incorporated as standard is an automatic top trip. The three locking bolts ensures a higher level of security and the main body is fitted with an anti-thrust device, which prevents leverage of both the top and bottom shoot bolts from their sockets. For situations that require the panic bolt to be linked to a monitoring or alarm system, a microswitch can be fitted in the passive unit. The microswitch closes/opens an electrical circuit when the cross bar is operated.

- 513-B** Push bar three point panic bolt with vertical latches for wooden doors
- 513-B/AD** Push bar three point panic bolt with vertical latches for aluminium doors
- 513-B/UD** Push bar three point panic bolt with vertical latches for uPVC doors

The Exidor 513-P offers all the elegance and functions of the Exidor push bar three point panic bolt with the added feature of vertical Pullman latches, which increases security and offers a smooth latching action.

- 523-B** Push bar three point panic bolt with horizontal latches for wooden doors
- 523-B/AD** Push bar three point panic bolt with horizontal latches for aluminium doors
- 523-B/UD** Push bar three point panic bolt with horizontal latches for uPVC doors

The Exidor 523-B offers all the security, elegance and functions of the Exidor push bar three point panic bolt with the added feature of horizontal Pullman latches, which increases security and offers a smooth latching action.

- Non-handed
- CE marked for safety
- Surface mounted
- 38mm wide footprint
- Suitable for doors with narrow stiles
- Microswitch version available
- Standard colours: silver, white with green cross bar and black with red cross bar
- Available in most RAL colours

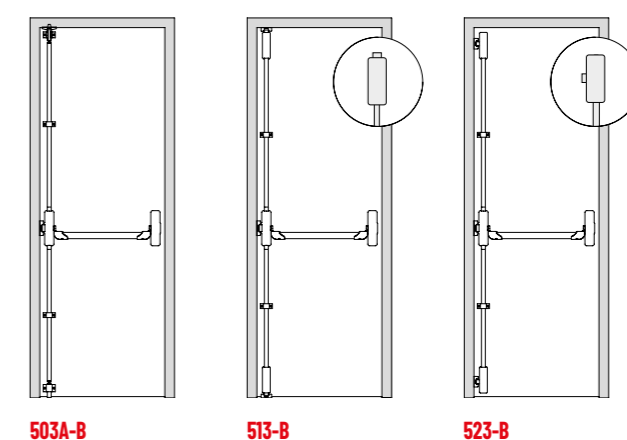


Standard Sizes
Standard size three point panic bolts are suitable for single doors up to 1220mm wide and 2440mm high. Special sizes are available on request.

Additional options
The Exidor reversible three point panic bolts can be supplied with a microswitch (suffix MS after the product code)

Optional accessories for all the three point panic bolts

- 525EC outside access device with euro cylinder – lever operated
- 525EA outside access device with euro aperture – lever operated
- 526EC outside access device with euro cylinder – knob operated
- 526EA outside access device with euro aperture – knob operated
- CL1 mechanical push button outside access device
- CL2 mechanical push button outside access device with passage facility
- CL3 quick code mechanical push button outside access device



503A-B

513-B

523-B



Outside access devices

All Exidor 500 series OAD's have been certified for use with the Exidor 500 series range of bolts and latches. The use of any other OAD will invalidate the CE marking on these products.

525 Lever operated outside access device

The Exidor 525 is an elegant lever operated outside access device that meets the dimensional requirements of Equality Act 2010 and BS8300 – Approved Document 'M'. The OADs can be supplied with or without a 45mm single euro profile cylinder allowing flexibility where master keying is required.

Built to the same profile as the 526 knob OAD the lever and knob are interchangeable.

- Suitable for use with Exidor 500 series
- Non-handed
- Lever meets the dimensional requirements of BS8300
- Cylinder version supplied with 3 keys
- Powder coated for durability
- Fixings to suit steel, timber, aluminium or uPVC doors
- For doors up to 62mm thick
- Key retention and keyed alike models also available

Performance

When locked the lever or knob is disengaged from the mechanism and still rotates therefore preventing unauthorised entry and damage to the unit. When unlocked the operator, spindle and mechanism engage, allowing the internal hardware's locking point(s) to be withdrawn from the outside of the door. The lever or knob remains engaged until the mechanism is re-locked.

Finishes

Available as standard in silver, white or black, there is also a choice of RAL colours and plated finishes (please note: plated finishes are not generally recommended on outside access devices, unless being used on an internal route).

526 Knob operated outside access device

The Exidor 526 is a stylish knob operated outside access device that can be supplied with or without a 45mm single euro profile cylinder allowing flexibility where master keying is required.

Built to the same profile as the 525 lever OAD the knob and lever are interchangeable.

- Suitable for use with Exidor 500 series
- Non-handed
- Cylinder version supplied with 3 keys
- Powder coated for durability
- Fixings to suit steel, timber, aluminium or uPVC doors
- For doors up to 62mm thick
- Key retention and keyed alike models also available



525EC

Options available

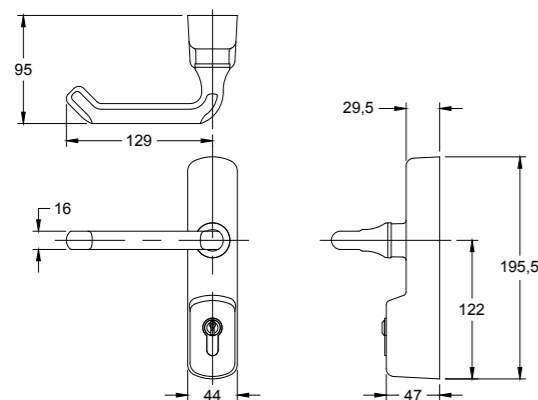
- 525EC lever operated OAD with euro cylinder
- 525EA lever operated OAD with euro profile aperture
- Suffix code with '/RK' for key retention model
- Suffix code with '/KA' for keyed alike option



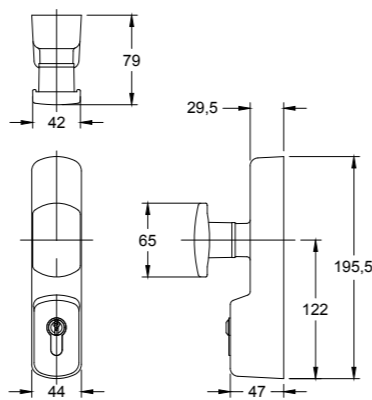
526EC

Options available

- 526EC knob operated OAD with euro cylinder
- 526EA knob operated OAD with euro profile aperture
- Suffix code with '/RK' for key retention model
- Suffix code with '/KA' for keyed alike option



525EC



526EC



Mechanical push button outside access devices

- CL1** Push button mechanical code lock
- CL2** Push button mechanical code lock with passage function
- CL3** Quick code mechanical code lock (code can be changed without removing the unit)

The CL range of mechanical push button outside access devices offer a simple solution where access control is required to operate the 500 series of panic and emergency hardware.

There are two options within the range, the standard CL1/CL2 and the quick code CL3.

The quick code option allows the mechanical code to be changed swiftly, without having to remove the unit from the door.

The CL2 unit offers passage function which allows the unit to be set in the code free mode allowing the handle to be opened without entering a code. Finished in PVD stainless steel or PVD brass, the CL range is suitable for high usage exterior applications, including corrosive environments, and all are supplied with three spindles, ensuring complete compatibility with the Exidor 500 series.

- 1,584 different codes available
- Non handed
- Reversible safety lever
- Surface mounted using concealed screws
- Clutch protection on the outside lever
- Supplied with spindles for doors from 35mm to 60mm thick
- PVD weather resistant finish
- Available in stainless steel or brass finishes

Performance

Once the correct code has been entered, the handle is released allowing the operation of the 500 series panic and emergency hardware from the outside of the door. When the handle returns to the horizontal position, it re-locks and the code needs to be entered again if access is required.

If the unit is set in passage mode, no code is required to operate the handle.

Finishes

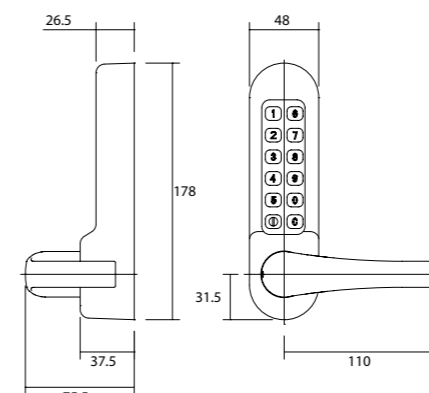
PVD stainless steel or PVD brass.



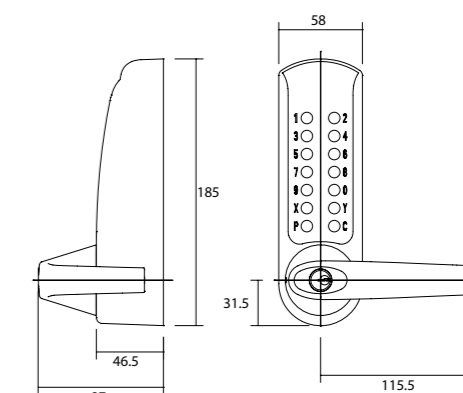
CL1/CL2



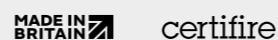
CL3



CL1/CL2



CL3/CL4



Add-on accessories

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
<hr/>	
502U	2 point panic/emergency exit bolt upgrade kit for wooden doors
502U/A	2 point panic/emergency exit bolt upgrade kit for aluminium doors
502U/UD	2 point panic/emergency exit bolt upgrade kit for upvc doors
<hr/>	
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
<hr/>	
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
<hr/>	
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
<hr/>	
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
<hr/>	
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.

Accessories for non-standard doors

For doors that exceed the size of 1220mm wide and 2400mm high, the following top shoots 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





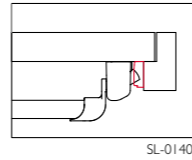
Timber door keeps

Latch bolt keeps

SL-0140 Standard latch keep

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

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

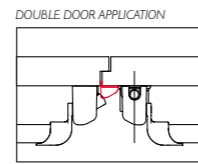


SL-0140

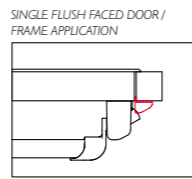
SL-0144 Rebated double/flush doors and frames latch keep

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

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



SL-0144



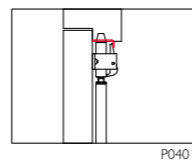
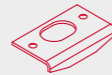
SL-0144

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

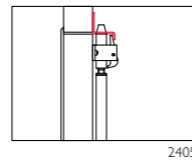


P0401

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

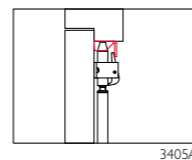


2405

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

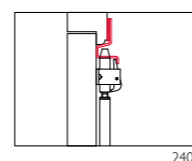


3405A

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

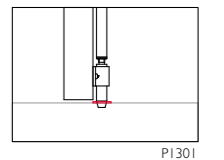


Bottom bolt keeps

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

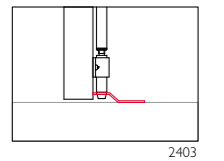
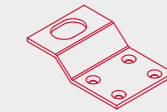


P1301

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

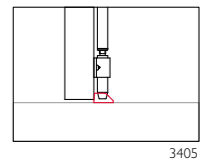


2403

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



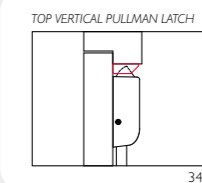
3405

Pullman latch keeps

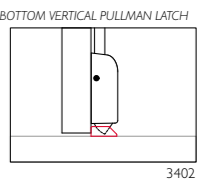
3402 Standard vertical Pullman latch keep

- 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



3402

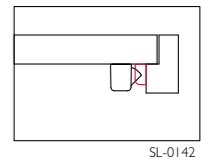


3402

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 bolt

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

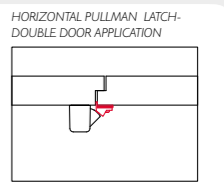


SL-0142

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



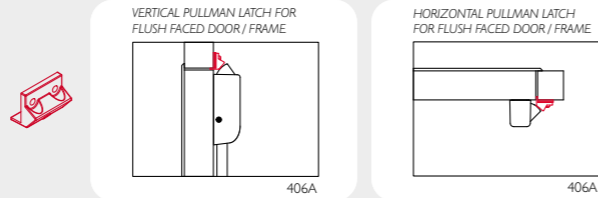
406A

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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



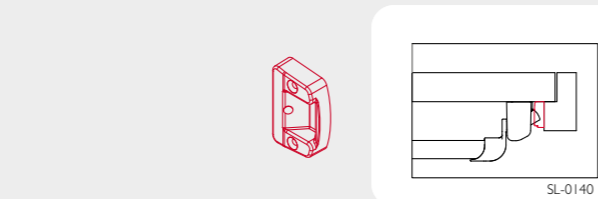
Aluminium door keeps

Latch bolt keeps

SL-0140 Standard latch keep

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

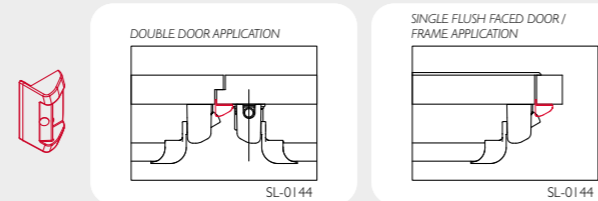
Construction - diecast aluminium
Finish - black powder coated/RAL finish available on request



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 and 523

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

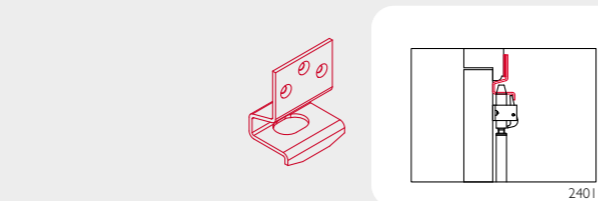


Top bolt keeps

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

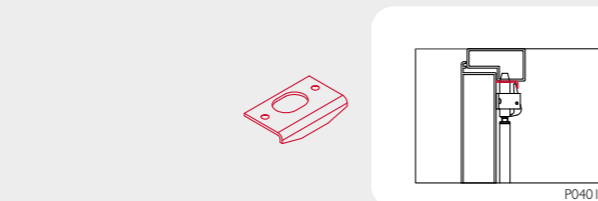
Construction - mild steel
Finish - electro galvanised/RAL finish available on request



P0401 Standard top trip

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

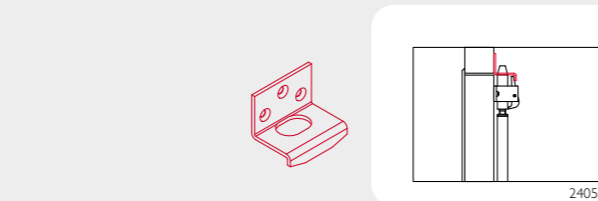
Construction - mild steel
Finish - electro galvanised/RAL finish available on request
Finish - powder coated/RAL finish available on request



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

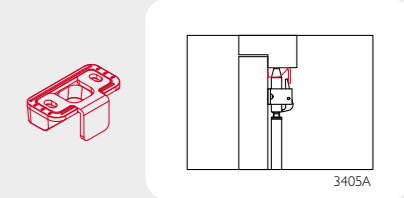


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3405A Top trip

- 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

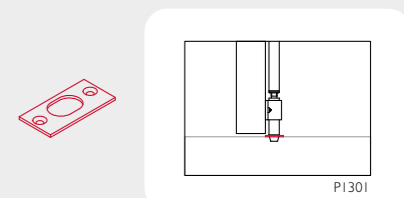


Bottom bolt keeps

P1301 Standard bottom 0 keep

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

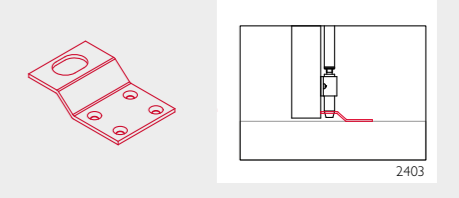
Construction - mild steel
Finish - electro galvanised



2403 Low threshold 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

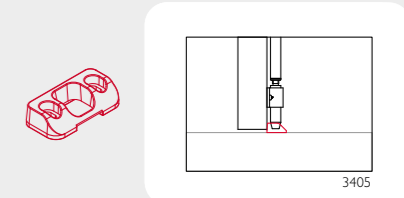
Construction - diecast zinc
Finish - electro galvanised



3405 Bottom keep

- 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

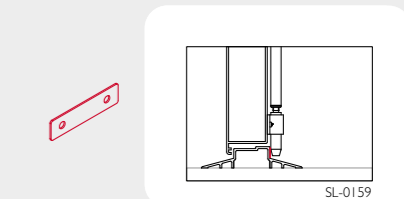
Construction - mild steel
Finish - electro galvanised/RAL finish available on request



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

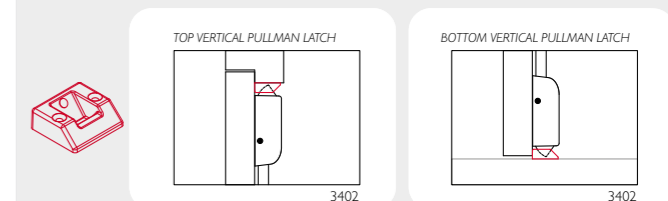


Pullman latch keeps

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

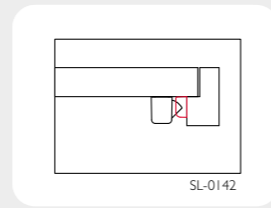




SL-0142 Standard horizontal Pullman latch keep

- 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

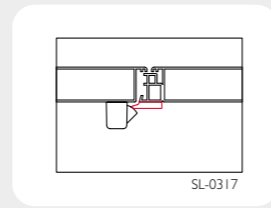


SL-0142

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

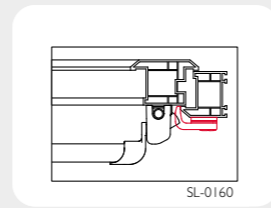
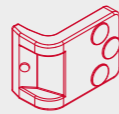
uPVC door keeps

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 and 523

Construction - diecast aluminium
Finish - white powder coated or silver powder coated finish available on request



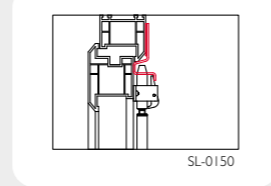
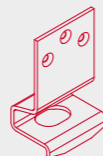
SL-0160

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

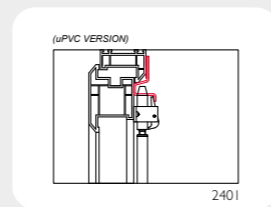


SL-0150

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

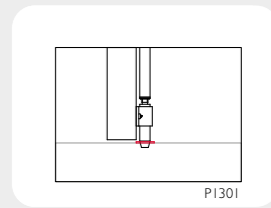


Bottom bolt keeps

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

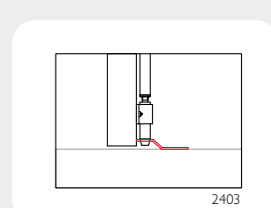


P1301

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

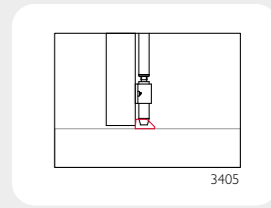


2403

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

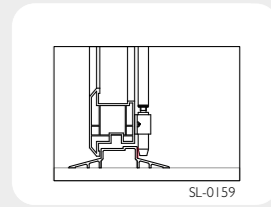


3405

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

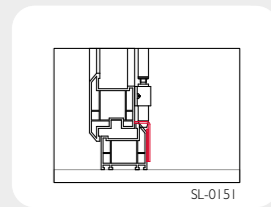


SL-0159

SL-0151 uPVC bottom keep

- 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



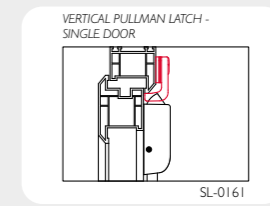
SL-0151

Pullman latch keeps

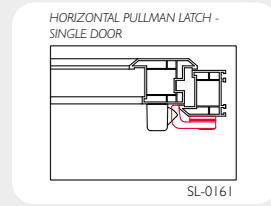
SL-0161 Standard uPVC vertical and horizontal Pullman latch keep

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

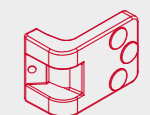
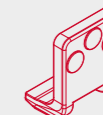
Construction - diecast aluminium
Finish - white powder coated or silver powder coated finish available on request



SL-0161



SL-0161



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.

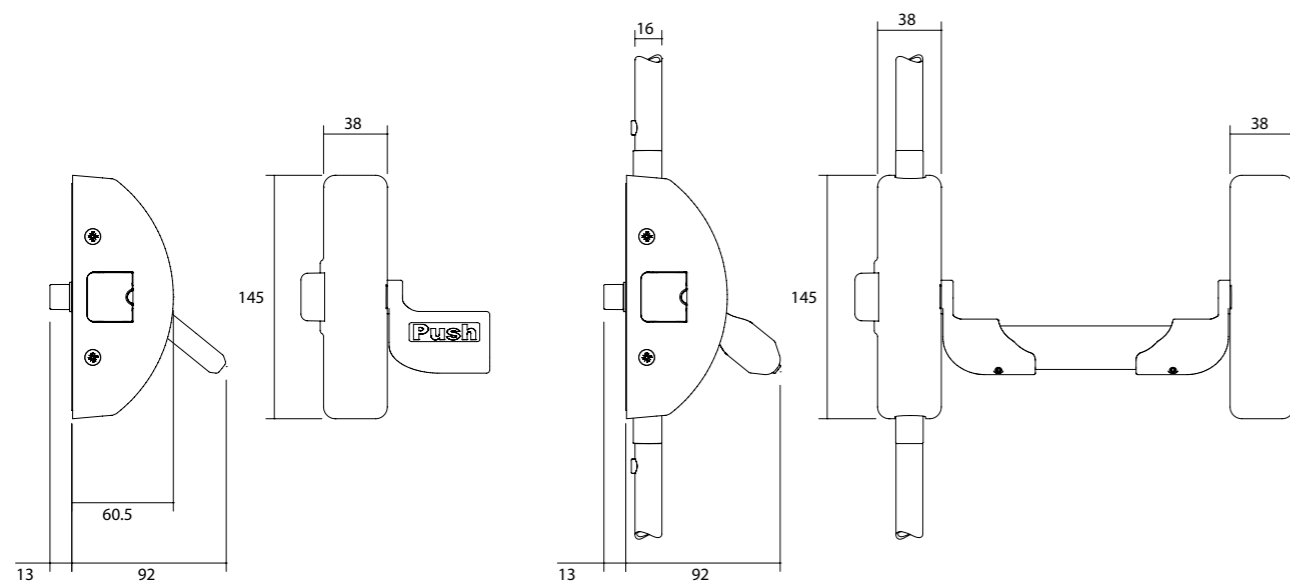
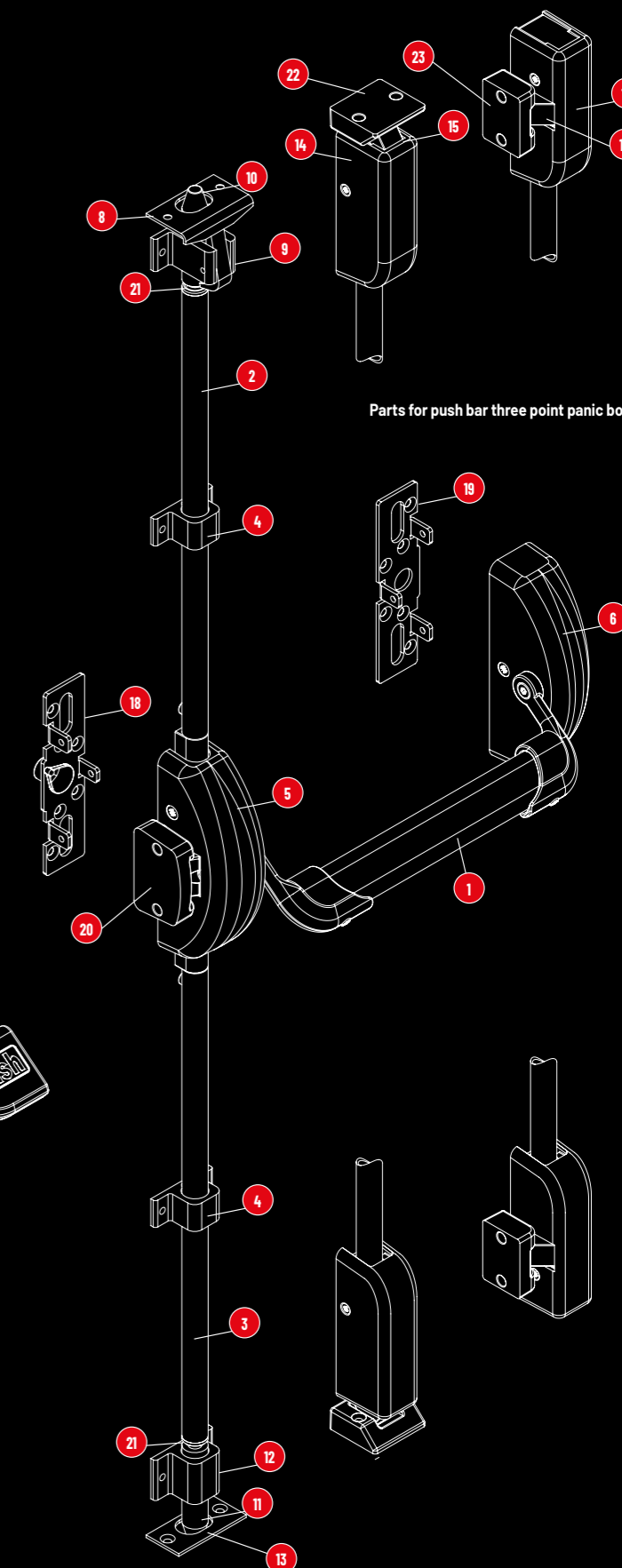
Standard sizes

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.

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

1	Oval push bar
2	Top shoot tube
3	Bottom shoot tube
4	Guide
5	Push bar panic bolt mechanism
6	Passive 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	Passive unit mounting plate
20	Centre latch keep
21	Threaded shoot bush
22	Vertical Pullman latch keep
23	Horizontal Pullman latch keep



Push pad emergency exit latch

Push bar three point panic bolt

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

EN 1125: 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



EN 179: 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 cycle

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 product

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

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

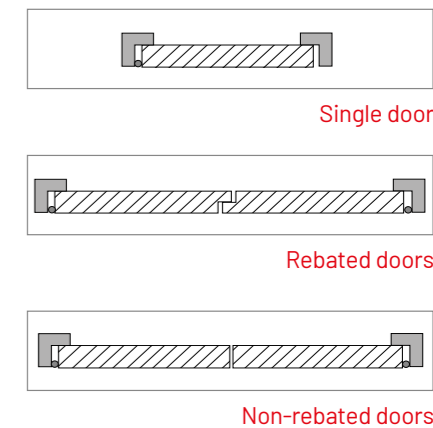
To overcome the problem of bolts not fully engaging in the keeps due to the door or frame moving after a period of time, adjustable shoots are used on Exidor panic and emergency exit bolts. They allow ± 5mm of adjustment, and are particularly suited for soft wood, uPVC and aluminium doors.

Passive unit

The passive 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 passive unit. The microswitch opens/closes an electrical circuit when the cross bar is operated.



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

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			
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
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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