

# Safety and security hardware

## Commercial aluminium doors

**ASSA ABLOY**  
Opening Solutions

[assaabloy.com](http://assaabloy.com)

Experience a safer  
and more open world



# ASSA ABLOY

Opening Solutions

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# Together we are

ASSA ABLOY Opening Solutions UK & Ireland is part of the ASSA ABLOY Group, the global leader in access solutions. Formed in 1994, the ASSA ABLOY Group has grown to now cover more than 70 countries.

We offer a vast range of hardware, everything from mechanical locks to market leading digital access solutions.

From the very beginning, innovation has defined our direction and enabled us to help billions of people feel safe, secure, and experience a more open world.



## Specialist aluminium door hardware

We offer a range of hardware ideal for aluminium doors from locking to closing to escape. The extensive portfolio that we provide works across multiple sectors ensuring that we don't just offer a core range, but we also supply solutions for every doorway.

Our aluminium door hardware products have been engineered to suit the specific requirements of the industry. They not only meet but often exceed the required standards, they are also designed to elevate the aesthetics of a project, from concealed hardware to stylish surface-mounted solutions.

Contact us for more details on any of our products or for support in specifying the right solution on 0845 223 2124 or email [csdcomm@assaabloy.com](mailto:csdcomm@assaabloy.com)

## Finishes

The short codes below are provided as a quick guide to help with selection.

Short code	Finish
Mill finish	Mill finish
SF	Self colour
SAA	Satin anodised aluminium
SIL	Silver
SC	Satin chrome
SS	Stainless steel
SSS	Satin stainless steel



## Icons

We have created some simple icons to make features and benefits of a product quickly recognisable.



The Kitemark is a UK product and service quality trademark which is owned and operated by the British Standards Institution



The product is made in Britain



The CE mark indicates that the product conforms to defined European Standards and may be sold freely in any part of the European Economic Area



The UKCA mark indicates that the product meets defined British safety standards and may be traded freely in England, Scotland and Wales



Environmental Performance Data (EPD). We are committed to measuring and reducing the products environmental impact



Product offers environmental benefits compared to peers, such as lower power consumption



The length of product guarantee



The maximum door weight



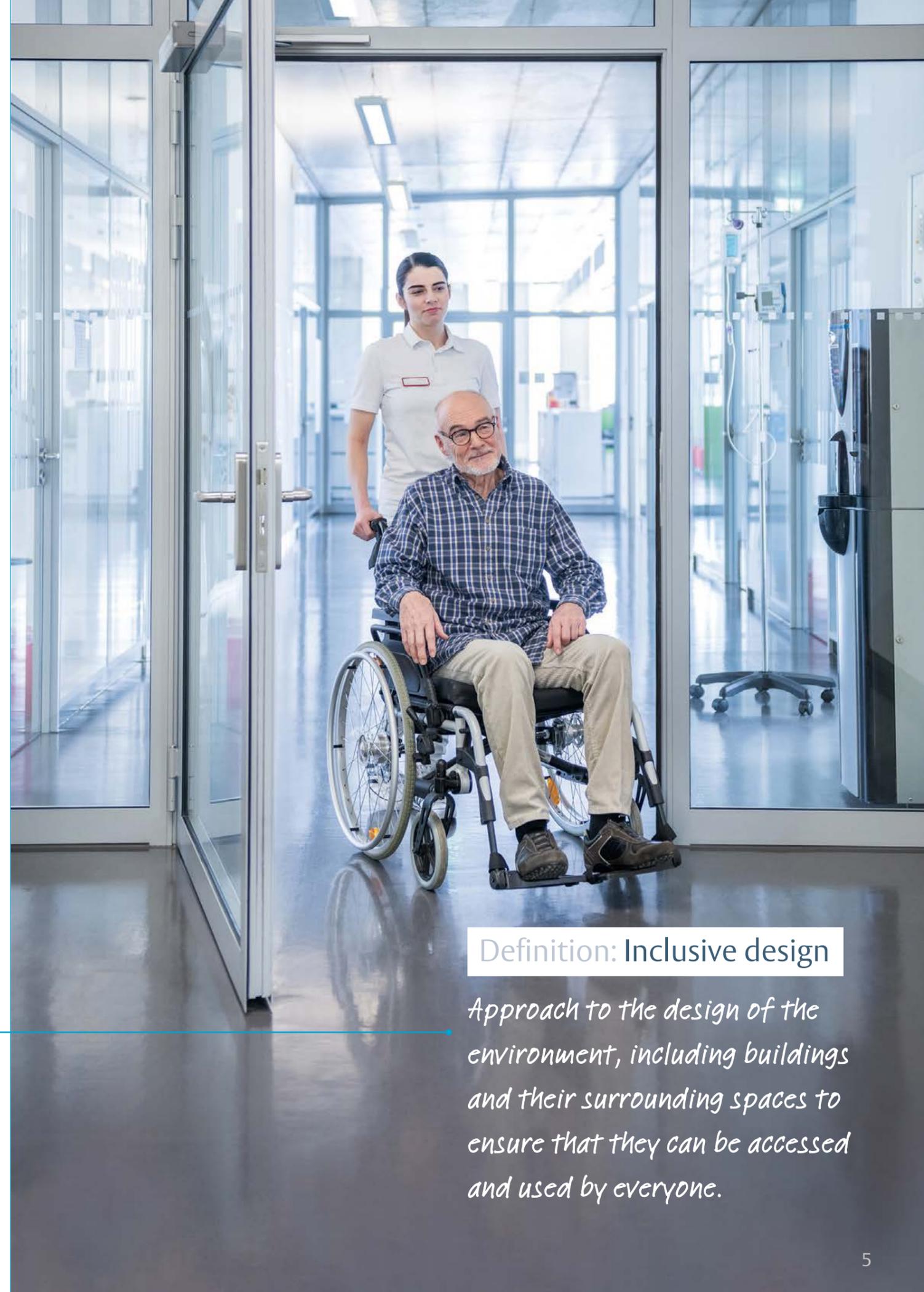
Product has been a component on a doorset that has completed PAS 24 testing



**Inclusive design**  
Helps meet requirements for BS 8300 (access for all)



MagnaCare® lifetime replacement, no-fault, no questions asked warranty



### Definition: Inclusive design

*Approach to the design of the environment, including buildings and their surrounding spaces to ensure that they can be accessed and used by everyone.*

# Panic hardware

Our extensive portfolio of panic and emergency hardware solutions are highly tested and fully compliant to UKCA and CE standards. Whether you require concealed or surface mounted hardware, we offer a complete range with matching external entry options.

## Concealed panic hardware

Our 485 and 585 ranges of Concealed Vertical Rod (CVR) panic hardware are specifically designed for use on aluminium doors. Perfect for new builds as well as retrofitting, they are tested and certified to the rigours of EN 1125 and EN 179 ensuring that our escape hardware offers safe evacuation.

However, they are not just safe, our 485 and 585 ranges are secure too. As a component of a doorset that is tested and certified to PAS 24, a security requirement in many commercial buildings, they offer ultimate peace of mind to the building user.

British designed and manufactured to the highest standards, they are supplied as a single box solution, including all relevant keeps and fixings. There are also complementing accessories, such as lever operated external entry device and a range of escutcheon options, available.

Designed with the aluminium market in mind, for a simple, easy-to-fit, fully compliant solution.



*Assured safe evacuation  
without compromising  
perimeter security.*



## Our concealed escape hardware range includes:



### Key features

 **British designed and manufactured**

 **Part of successful PAS 24 doorset tests**

 **10-year guarantee**

### Other features

- Ideal for new installations as well as retrofit projects
- Universal handing across all panic products
- Bars easily cut to suit different door widths
- For single door leaves up to 200kg weight
- Suitable for single or double doorsets
- Lever outside access device or cylinder and escutcheon for external entry
- EN 1125 or EN 179

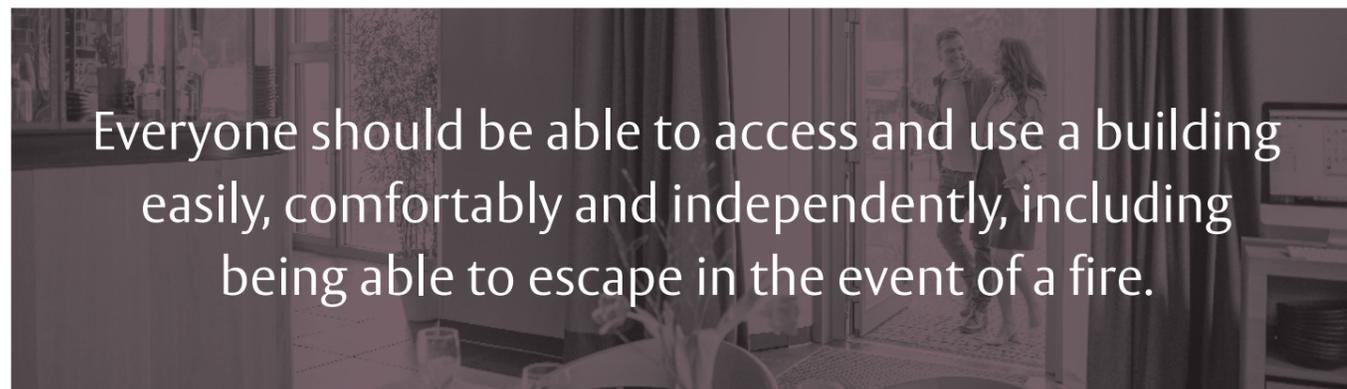
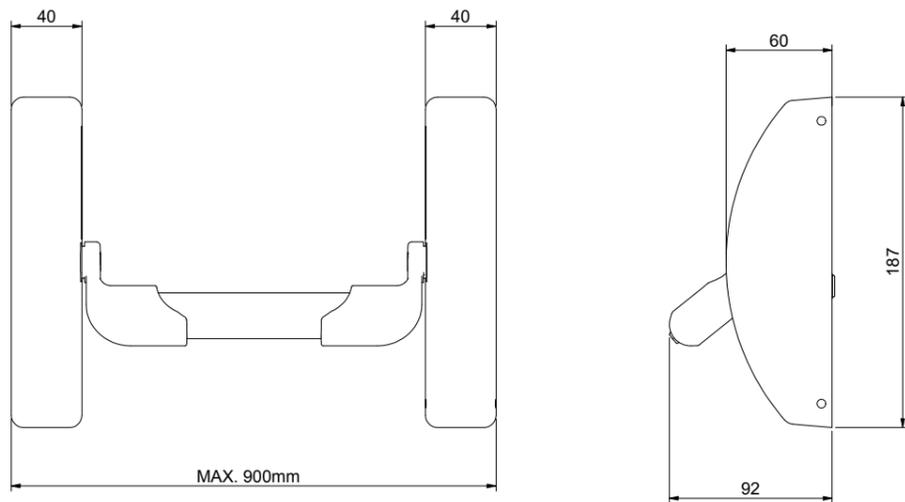
## 585-B push bar panic unit

Universal push bar panic bolt with concealed vertical rods.

Tested to EN 1125, our 585-B push bar operated panic bolt is perfect for use in public buildings, leisure venues and shops, etc. Available in a single size that can be cut to suit a range of door dimensions, the 585-B push bar offers great flexibility making it the ideal solution for most applications.



Unit	585-B
Product	Push bar panic unit
CE & UKCA	EN 1125
Finish	SIL as standard, others available on request
Bar width	900mm which can be cut down on site (other sizes available on request)
Suitable for single leaf door width	Up to 1500mm by covering 60% of door face as per EN 1125
Product code	AA8-585PPBUS21300SIL



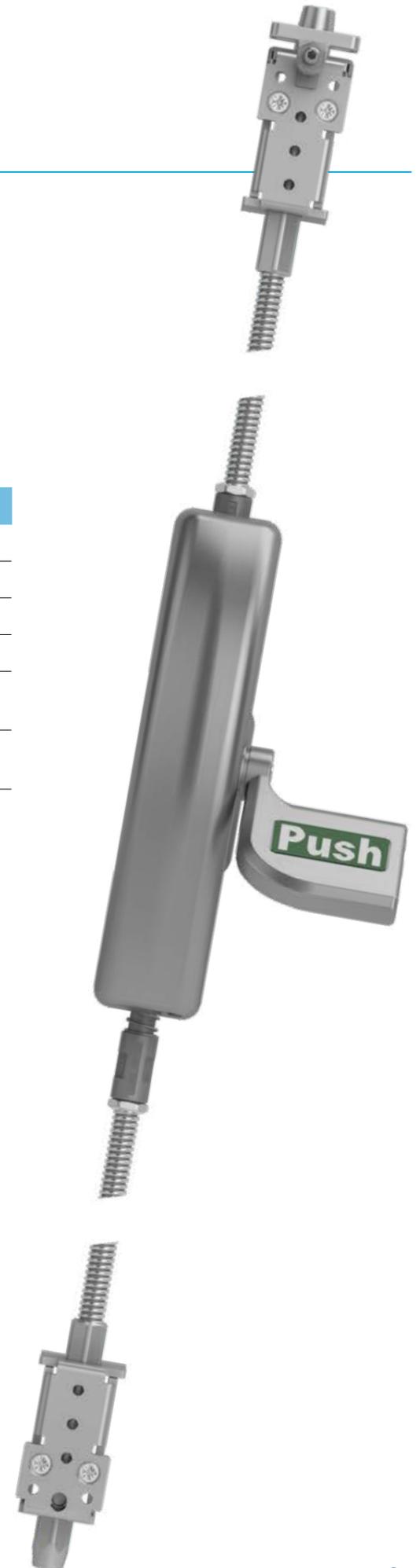
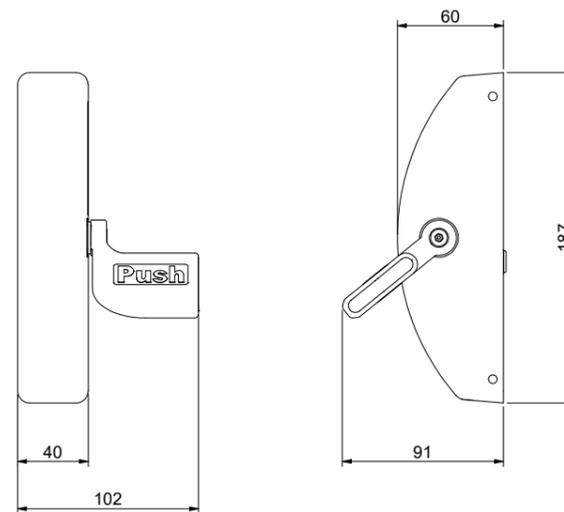
## 585-P push pad emergency unit

Push pad emergency exit bolt with concealed vertical rods.

Discrete in design, the 585-P offers push pad operation for egress. Tested to EN 179, it is ideal for areas where users are familiar with the exit routes and hardware, such as private offices. These are handed to determine the direction of push pad.



Unit	585-P
Product	Push pad emergency unit
CE & UKCA	EN 179
Finish	SIL as standard, others available on request
Bar width	N/A
Suitable for single leaf door width	Up to 2100mm as standard
Product code	AA-8-585EPP-RS2-SIL (pad to right) AA-8-585EPP-LS2-SIL (pad to left)



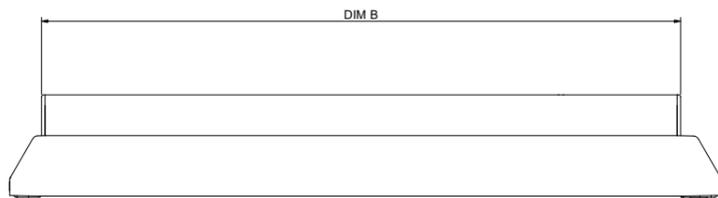
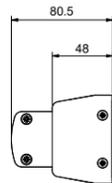
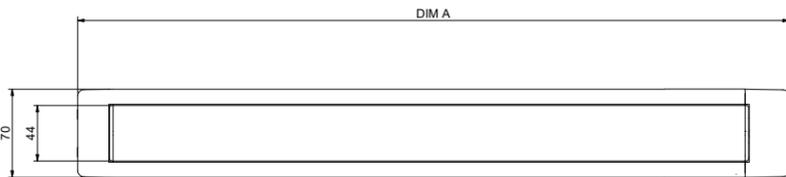
# 485-TB touch bar panic unit

Universal touch bar panic bolt with concealed vertical rods.

Our touch bar panic escape units are not just tested to EN 1125 and aesthetically pleasing but offer further safety benefits due to their low projection from the door face. As such they are ideal for areas such as sports halls, gymnasiums, hospitals, and schools with high traffic and risk of abuse, as well as front of house areas where elegance is key.



Unit	485-TB	
Product	Touch bar panic bolt	
CE & UKCA	EN 1125	
Finish	SIL as standard, others available on request	
Bar width (DIM A)	900mm	1200mm
Suitable for single leaf door width	Up to 1500mm by covering 60% of door face as per EN 1125	Up to 2000mm by covering 60% of door face as per EN 1125
Product code	AA8-485PTBUS2-900SIL	AA8-485PTBUS21200SIL



Bar width	MAX. A	MAX. B	MIN. A	MIN. B
1200mm	1200mm	1142.6mm	500mm	442.6mm
900mm	900mm	842.6mm	500mm	442.6mm



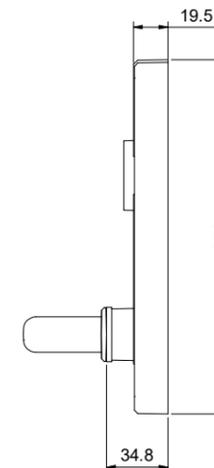
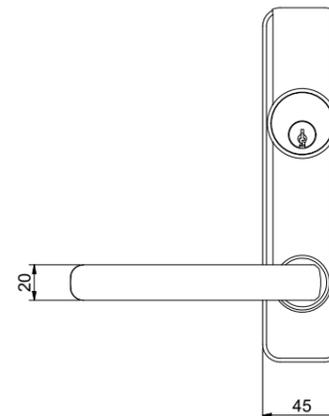
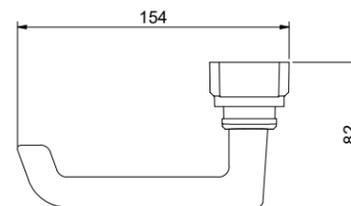
# Lever operated outside access device for 485 and 585

Elegantly designed to complement the smart external appearance of a building, the 485 outside access device (OAD) provides entry into a building through an escape door. The OAD is designed and tested to work with either the 585 push bar or push pad or the 485 touch bar. The lever dimensions help to meet the requirements of BS 8300 for a more inclusive building design as well as increasing convenient access into a building.

- Bolt through fixings make it suitable for various aluminium door section profiles
- Available with or without a round screw-in cylinder
- When supplied with a cylinder, can help meet PAS 24 requirements
- Can be supplied with suitable master keyed cylinder
- Locking the cylinder prevents access into the building but will not prevent escape out of the building



Unit	485 OAD	485 OAD/CYL
Product	Lever operated OAD w/o cylinder	Lever operated OAD c/w cylinder
Certified to work with	485-TB, 585-B, 585-P	485-TB, 585-B, 585-P
Finish	SIL as standard, others available on request	SIL as standard, others available on request
Supplied with a cylinder	No	Yes
Product code	AA-8-485ALA-UK0-SIL	AA-8-485ALC-UK0-SIL



# 485 and 585 security escutcheons

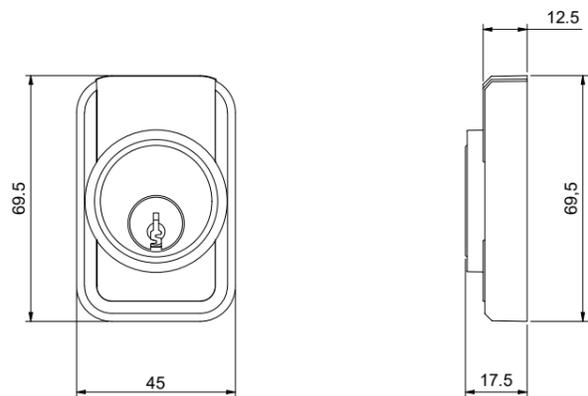
For cylinder only entry, we offer the 485 and 585 security escutcheons. Designed to suite with internal hardware, entry is provided by rotating the key to pull back the concealed shoot bolts and gain entry.

- Bolt through fixings to suit internal hardware, as well as different door section profiles
- Available with or without a round screw-in cylinder
- When supplied with a cylinder, can help meet PAS 24 requirements
- Can be supplied with suitable master keyed cylinder
- Locking the cylinder prevents access into the building but will not prevent escape out of the building



Unit	485 escutcheon only	485 escutcheon/cyl	585 escutcheon only	585 escutcheon/cyl
Product	Escutcheon w/o cylinder	Escutcheon c/w cylinder	Escutcheon w/o cylinder	Escutcheon c/w cylinder
Certified to work with	485-TB	485-TB	585-B, 585-P	585-B, 585-P
Finish	SIL as standard, others available on request	SIL as standard, others available on request	SIL as standard, others available on request	SIL as standard, others available on request
Supplied with a cylinder	No	Yes	Yes	Yes
Product code	AA-8-485AEA-UK0-SIL	AA-8-485AEC-IK049SIL AA-8-485AEC-IK062SIL AA-8-485AEC-IK063SIL AA-8-485AEC-IK068SIL AA-8-485AEC-IK072SIL	AA-8-585AEA-UK0-SIL	AA-8-585AEC-IK049SIL AA-8-585AEC-IK062SIL AA-8-585AEC-IK063SIL AA-8-585AEC-IK068SIL AA-8-585AEC-IK072SIL

Digits in black, within the product code, indicates suitable for door thickness (e.g. AA-8-485AEC-IK049SIL is suitable for a 49mm thick door)



## OTHER PANIC HARDWARE SOLUTIONS

Our extended collection of panic hardware includes several ranges of surfaced mounted hardware as well as morticed deadlocking nightlatch and paddle handle solutions.



For more information on any of these products, contact us or visit [assaabloy.com](http://assaabloy.com)

# Door controls

We offer a range of closers that are ideal for aluminium doors, from transom closers such as our established ARC51 and newer easy opening DC6113, to surface-mounted closers like DC200 and DC500. Many of our closers feature Cam-Motion® technology which reduces the opening forces for a more inclusive design, making them perfect for use in all commercial buildings including schools and hospitals.

Our family of door controls also includes some specialist solution closers such as DC700G-CM Close-Motion® and DC700G-FT security closer.



## Door controls

### DC6113 transom closer

Our slimline DC6113 features highly efficient Cam-Motion® technology. This allows the door to operate with low opening forces to comply with access and egress legislation to give barrier free movement around a site. A selection of fitting accessories and detachable spindles are also available allowing the unit to be tailored to suit each doorset.

- Cam action for easy opening
- Tested to EN 1154
- Easy opening helps meet the requirements of BS 8300



Specification	DC6113
Closing force	EN 3
Door width up to*	950mm
Maximum door weight	60kg
Closing and latching speed control	Yes
Hold-open option	Yes – depending on model
Maximum opening angle	165°
Dimensions (H x D x W)	39 x 93 x 264mm

*\*In conjunction with EN 1154 but can meet opening force requirements of BS8300 on non-fire doors outside of EN 1154 – please ask for more information on our test data*

Order code	Description
AR-DC6113-311-0000	Non hold-open transom closer (body only)
AR-DC6113-312-0000	Hold-open transom closer (body only)
A-DCSPINDLETR14+4	Spindle - height 14+4mm
A-DCSPINDLETR18	Spindle - height 18mm
A-DCSPINDLETR20+4	Spindle - height 20+4mm
A-DCSPINDLETR24+4	Spindle - height 24+4mm
AR-5110-0160	End load arm and channel with fixing pack
AR-5110-0150	Side load top arm and channel with fixing pack
AR-5110-0210	Heavy duty bottom pivot assembly
AR-5100-0111	Adams Rite branded tag plate c/w screws
AR-5100-0130	70mm F & L bracket kit for transoms
AR-5100-0160	65mm F & L bracket kit for transoms

Please contact us for more details of other variants



## ARC51 transom closer

Offering great versatility, our ARC51 transom mounted door closer range is available in a number of variants. Choose from a selection of closing force sizes (EN 2 to EN 5), various spindle heights and, non-hold open or mechanical hold open at 90°.

- Cam action for easy opening
- Hold open or non-hold open options (HO or NHO in variant code)
- Anti-finger trap variant available for improved safety (AFT in variant code)
- Popular EN 2, EN 3 and EN 4 models tested to EN 1154
- Springless versions also available to act as pivot



Closing force	EN 2	EN 3	EN 4	EN 5
Door width up to	850mm	950mm	1100mm	1250mm
Maximum door weight	40kg	60kg	80kg	100kg
Closing and latching speed control	Yes			
Hold-open option	Yes – depending on model			
Maximum opening angle	130°			
Dimensions (H x D x W)	37.4 x 90 x 292mm			



*Hidden in the frame, the ARC51 range provides hold open or closing solutions ideal for aluminium doorsets.*

Order code	Description	Hold-open	AFT	Pivot
5142-2995N	Light (EN 2); end load; 18+4 spindle	Y	Y	65mm
5113-1997N	Medium (EN 3); end load	N	Y	70mm
5113-2010N	Medium (EN 3); side load	Y	N	70mm
5113-2995N	Medium (EN 3); end load	Y	Y	65mm
5113-2997N	Medium (EN 3); end load	Y	Y	70mm
5113-2997NS	Medium (EN 3); end load	Y	Y	70mm
5143-2995N	Medium (EN 3); end load; 18+4 spindle	Y	Y	65mm
5114-1997N	Heavy (EN 4); end load	N	Y	70mm
5119-0097N	ARC-51N springless; end load	N	Y	70mm

Please contact us for more details of other variants

## DC200A and DC300A surface mounted closer

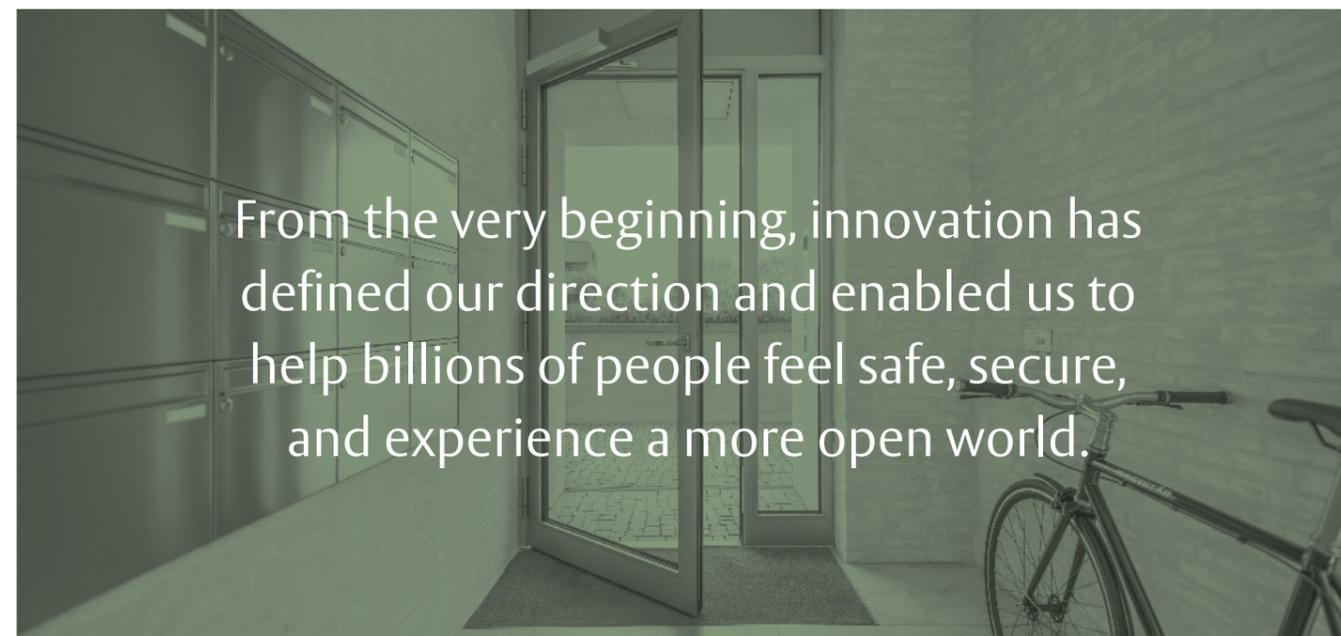
Adjustable power size rack and pinion closers with link arm, these closers are ideal for most standard applications. The variable power adjustment suits a wide range of doorsets while backcheck protects nearby doors and walls.

- Link arm adjusts to suit different frame details
- Tested to EN 1154 in all fixing positions



Specification	DC200A range		DC300A range	
Closing force	EN 2-4		EN 3-6	
Door width up to	1100mm		1400mm	
Maximum door weight	80kg		120kg	
Closing and latching speed control	Yes		Yes	
Backcheck	Yes		Yes	
Hold-open option	Yes*		Yes*	
Maximum opening angle	180° (hinge side)		180° (hinge side)	
Dimensions (H x D x W)	60 x 50 x 233mm		60 x 50 x 260mm	
Finish	SIL	SSS	SIL	SSS
Order code	DC200A-1	DC200A/SS-1	DC300A-1	DC300A/SS-1

\*with accessory L191 mechanical hold open link arm



From the very beginning, innovation has defined our direction and enabled us to help billions of people feel safe, secure, and experience a more open world.

## DC500 and DC700 surface mounted closers

Adjustable power size closers featuring Cam-Motion® technology and guide rail for superior aesthetics. These closers are ideal for applications where easy opening is important such as care homes, nurseries, etc. The variable power adjustment suits a wide range of doorsets while the height adjustable guide rail can accommodate a variety of frame details.

- Ideal for high traffic doors
- Features Cam-Motion® technology, for easier door opening and improved accessibility due to its high efficiency
- Tested to EN 1154



Specification	DC500A range		DC700A range	
Closing force	EN 1-4		EN 3-6	
Door width up to	1100mm		1400mm	
Maximum door weight	80kg		120kg	
Closing and latching speed control	Yes		Yes	
Backcheck	Yes		Yes	
Hold-open option	Yes*		Yes*	
Maximum opening angle	170° (hinge side)		170° (hinge side)	
Dimensions (H x D x W)	64 x 58 x 272mm		64 x 58 x 272mm	
Finish	SIL	SSS	SIL	SSS
Order code	DC500A	DC500A/SS	DC700A	DC700A/SS

\*with accessory G460 electromagnetic hold open guide rail

## DC700G-CM surface mounted door closer

World class Cam-Motion® door closer with integrated Close-Motion® element for safe anti-slam and silent closing. Close-Motion® offers an integrated damping device to ensure doors close quietly, safely and securely. The combination of technologies makes this product ideal for environments where there are vulnerable users thanks to easy opening as well as reduced finger trapping pressure.

- Highly efficient closer offering lower opening forces for ease of use
- Soft controlled closing to protect building users
- Reduced finger trapping
- Can assist doors to reliably close in environments with wind pressure issues

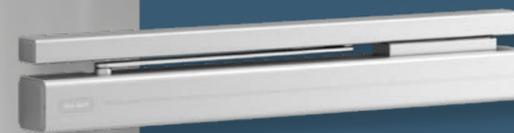


Specification	DC700G-CM	
Closing force	EN 3-6	
Door width up to*	1400mm	
Maximum door weight	120kg	
Closing and latching speed control	Yes	
Backcheck	Yes	
Maximum opening angle	170° (hinge side)	
Finish	SIL	
Dimensions (H x D x W)	Body: 66 x 66 x 528mm Rail: 30 x 44 x 727mm	
Handed	Left hand	Right hand
Order code	DC700G-CM-LH	DC700G-CM-RH

Assured quiet, safe closing

## OTHER DOOR CONTROLS

We offer a wide range of door controls, such as our DC700G-FT security closer and range of electromagnetic closers.



DC700G-FT security door closer

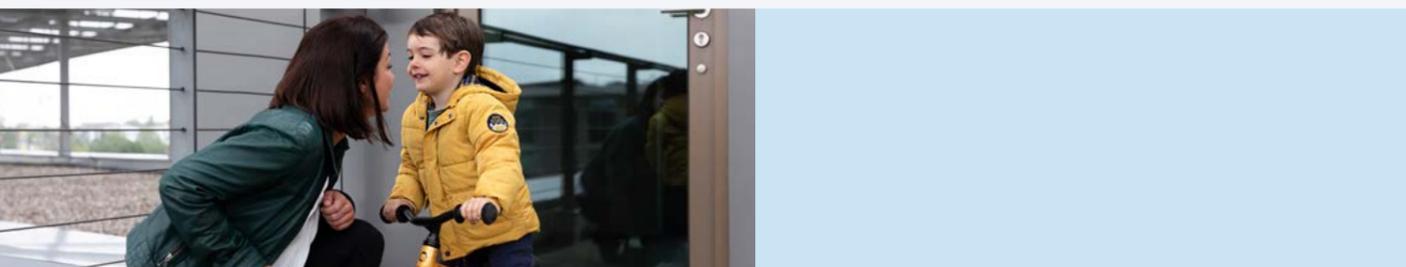
World's first security door closer featuring a Cam-Motion® door control with an integrated latchbolt and escape door strike.

- Integrated fail-safe locking solution ideal for building access and egress.
- Simple connection to the fire or smoke alarm system, which unlocks the door to ensure emergency exit route compliance.

For more information on these or any of our other door controls, contact us or visit [assaabloy.com](http://assaabloy.com)

# Locks and cylinders

We have a wide range of deadlocks, deadlatches and complementing cylinders designed for use on aluminium doorsets. Our range includes Euro profile cylinders and locks, such as Sentinel 6 and 2200, as well as more traditional round screw in cylinders and locks, such as 1850 and 4710.



## 2600 Sentinel 6 Euro profile cylinder deadlock

Developed to offer extreme security single point locking for aluminium doors, the 2600 Sentinel 6 is in a class of its own. As a deadlock with a barbolt, it meets the stringent EN 12209 lock standard test to security grade 6.

- Bolt withstands 10kN side load in unsupported application and 6kN end load
- Barbolt with anti-spread feature incorporating benefits of a hookbolt
- Enclosed mechanism prevents potential for tampering whilst under attack
- Tested in accordance with EN 12209: 2003 Grade 6 security



Lock type	Euro profile cylinder deadlock with barbolt				
Bolt projection	31mm				
Faceplate details	Flat and radius options in SAA – order separately				
Pack qty	1 lock	1 lock	20 locks	1 lock	20 locks
Fixings	Mounting tabs	Mounting tabs	Mounting tabs	Mounting tabs	Mounting tabs
Case dimension (D x H x W)	42 x 159 x 25mm	47 x 159 x 25mm	47 x 159 x 25mm	57 x 159 x 25mm	57 x 159 x 25mm
Backset	25mm	30mm	30mm	40mm	40mm
Product code	2600-200	2600-300	2600-301	2600-400	2600-401



High security solution

## Locks and cylinders

# 2200 Euro profile cylinder deadlock

Featuring an alumina ceramic core within the bolt to prevent hacksaw attack, the 2200 is a maximum-security mortice deadlock.

- Can be converted to 2/3-point locking solution with 4022-18 kit
- Alumina ceramic core in bolt to prevent hacksaw attack



Lock type	Euro profile cylinder deadlock with barbolt or hookbolt				
Bolt projection	Barbolt: 32mm – when swung into place Hookbolt: 20mm – when swung into place				
Faceplate details	Flat and radius options in SAA – order separately				
Bolt style	Bar	Hook	Bar	Hook	Hook
Fixings	Mounting tabs	Mounting tabs	Mounting tabs	Mounting tabs	Mounting tabs
Case dimension (D x H x W)	41 x 159 x 25mm	41 x 159 x 25mm	46 x 159 x 25mm	46 x 159 x 25mm	56 x 159 x 25mm
Backset	25mm	25mm	30mm	30mm	40mm
Product code	2200-110	2200-150	2200-210	2200-250	2200-350



## 4750 Euro profile deadlatch

For use on aluminium doors, with deadlocking latch when the door is closed against the strike plate.

- Can be used in conjunction with the 7400 series electric strike to provide remote access control
- Independently tested to 1 million cycles



Lock type	Euro profile cylinder deadlatch					
Bolt projection	Latchbolt: 13mm					
Faceplate details	Flat and radius options in SAA – order separately					
Handing	Left	Right	Left	Right	Left	Right
Fixings	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts
Case dimension (D x H x W)	41 x 173 x 25mm	41 x 173 x 25mm	45 x 173 x 25mm	45 x 173 x 25mm	54 x 173 x 25mm	54 x 173 x 25mm
Backset	24mm	24mm	28mm	28mm	37mm	37mm
Product code	4750-200-5	4750-200-6	4750-300-5	4750-300-6	4750-400-5	4750-400-6



## CL1 Kitemarked Euro profile cylinder

The CL1 Euro profile Kitemarked 1\* cylinder offers a good level of security, proven through testing to EN 1303 and TS 007. This involves assessing key related security via known attack methods.

- Available in single, double and thumb turn variants
- Tested to prove bump-resistance, anti-pick and (when fitted with Sentinel escutcheon) anti-snap
- Supplied with 3 keys and retaining screw



Product code	Description	Finish
CL1-ED3535-SC-KD	Double cylinder 35/35	SC
CL1-ES3515-SC-KD	Single cylinder 35/15	SC
CL1-ET3535-SC-KD	Thumb turn cylinder 35/35	SC

## 1850 round cylinder deadlock

The 1850 maximum-security mortice deadlock is designed for use on sliding or swing doors.

- 2 point locking available (requires 4015-18 kit)
- Alumina ceramic core in bolt to prevent hacksaw attack



Lock type	Round screw-in cylinder deadlock with barbolt or hookbolt							
Bolt projection	Barbolt: 36mm – when swung into place Hookbolt: 21mm – when swung into place							
Faceplate details	Flat and radius options in SAA – order separately							
Bolt style	Bar	Hook	Bar	Hook	Bar	Hook	Bar	Hook
Fixings	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts
Case dimension (D x H x W)	34 x 152 x 25mm	34 x 152 x 25mm	41 x 152 x 25mm	41 x 152 x 25mm	45 x 152 x 25mm	45 x 152 x 25mm	57 x 152 x 25mm	57 x 152 x 25mm
Backset	22.5mm	22.5mm	25mm	25mm	29mm	29mm	38mm	38mm
Product code	1850-110	1850-150	1850-210	1850-250	1850-310	1850-350	1850-410	1850-450

## 4710 round cylinder deadlatch

A heavy-duty deadlocking latch offering flexible traffic control and a good level of security.

- Can be used in conjunction with the 7100 series electric strike to provide remote access control
- Independently tested to 1 million cycles



Lock type	Round screw-in cylinder deadlatch						
Bolt projection	Latchbolt: 13mm						
Faceplate details	Flat and radius options in SAA – order separately						
Bolt style	Left	Left	Right	Left	Right	Left	Right
Fixings	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts	Fixing posts
Case dimension (D x H x W)	38 x 173 x 25mm	41 x 173 x 25mm	41 x 173 x 25mm	45 x 173 x 25mm	45 x 173 x 25mm	54 x 173 x 25mm	54 x 173 x 25mm
Backset	22mm	24mm	24mm	28mm	28mm	37mm	37mm
Product code	4710-100-5	4710-200-5	4710-200-6	4710-300-5	4710-300-6	4710-400-5	4710-400-6

## 4056 round cylinder

A round screw-in cylinder for use with relevant mortice locks.

- Supplied with 3 keys and 6mm trim ring
- Other variants, such as keyed alike, are also available



Product code	Description	Finish
4056-61-01-626	Round mortice cylinder	SC

For further details on our full range of lockcases and cylinders, please contact us on 0845 223 2124 or visit [assaabloy.com](http://assaabloy.com)



# Door furniture

We offer a range of door furniture to suite with our locks and cylinders. They help to further enhance the aluminium doorset by giving additional features such as adding locking points, protecting against abuse and improving the aesthetics of the door face.



## 2627 Sentinel security escutcheon

Sentinel security escutcheon to suit Euro profile cylinders.

- Euro profile narrow security escutcheon with covered face
- Bolt through fixing
- Helps meet PAS 24
- Security rated 2 option available



Product code	Description	Finish
AH-2627-90-SL	Escutcheon	SIL
AH-2627-95-SL	Escutcheon – SR2	SIL

## Door furniture

## 601 standard Euro profile escutcheon

Self-adhesive escutcheon to suit Euro profile cylinder.

- Euro profile narrow escutcheon
- Self-adhesive fixing, for quick installation
- 67.5 x 30 x 2mm thickness



Product code	Description	Finish
601-628	Escutcheon	SAA
601-000	Escutcheon	Mill finish
601-000-01	Adhesive pad for 601-000	n/a



## 4043 round cylinder escutcheon

Cylinder guard escutcheon for use with round cylinders.

- Design offers protection from being pulled off the door as well as prying or twisting
- For use on internal or external face of doors
- Supplied with retaining plate

Product code	Description	Finish
4043-00-602	Round cylinder guard	Mill finish



## 7201S security flush bolt

The 7201S 2-point flush bolt can be used to secure the passive leaf of a pair of doors.

- Operated by Euro profile cylinder for security (order separately)
- 2-point locking to secure top and bottom of door
- 28mm throw deadbolts include anti-saw technology
- 1 action secures both locking points simultaneously
- Mid-rail locking for convenience with rods cut to size on site

3  
YEAR  
GUARANTEE

PAS  
24

Product code	Description	Finish
7201S	2 Point security flush bolt	SF



## 6201 flush bolts

6201 flush bolt used for securing the passive leaf of a pair of doors.

- Available in flat or radius to suit different door profiles
- Mounted into door's locking stile above/below lock faceplate, the operating lever is protected when door is closed
- Hardened steel bolt, zinc plated with anti-rattle sleeve
- Standard installation requires two flush bolts per door leaf

3  
YEAR  
GUARANTEE

Product code	Description	Finish
6201-6-12	Flush bolt - flat	SC
6201-7-12	Flush bolt - radius	SC



## OTHER DOOR FURNITURE

Our portfolio of door hardware includes solutions for a number of locking applications. We offer CE marked bush bearing hinges, stainless steel levers and pull handles, plus lever sets with cams, and much more.



For more information on any of these products, contact us or visit [assaabloy.com](http://assaabloy.com)

# Electro-mechanical locking solutions

We have a range of electro-mechanical solutions developed for use on aluminium doors including electric strikes, magnets, and mini-mags. The hardware can be integrated into new or existing access control systems.



## 7400 Ultraline electric strikes

High quality, high security, yet easy opening electric strikes purposely designed for use with deadlatches installed on single or double doors.

- Innovative and compact stainless steel split jaw maintains a high level of security
- 500,000 cycle durability tested, ideal for high traffic usage
- Adjustable jaw electrically opens even with 15kg side load pressure



Strike type	7400 electric strike for single or double doors			
Jaw detail	Split jaw			
Operating voltage	Dual – 12V or 24V, DC only			
Failure mode	Set fail safe or fail secure on site			
Strike dimension	38 x 123 x 27mm	38 x 123 x 27mm	38 x 123 x 27mm	38 x 123 x 27mm
Faceplate detail	Flat with radius corners	Flat with radius corners	Radiused to match nose on inactive leaf in a pair of narrow stile doors	Radiused to match nose on inactive leaf in a pair of narrow stile doors
Finish	SAA	SAA	SAA	SAA
Monitored	No	Yes - bolt engagement and jaw status	No	Yes - bolt engagement and jaw status
Product code	7400-628	7400M628	7401-130	7401M130

Electro-mechanical locking solutions

## 7100 series electric strikes

Traditional electric strikes purposely designed for use with deadlatches installed on single or double doors.

- Single piece jaw strike can release the door without need to retract the latchbolt
- Can be set to either fail safe or fail secure mode on-site for greater flexibility
- Supplied with flat faceplate as standard; radiused to match nose on inactive leaf in a pair of narrow stile doors also available
- Operates at 12 or 24v DC or AC – depending on model



Strike type	7100 electric strike for use with deadlatch				
Jaw detail	Single piece jaw				
Operating voltage	12V, DC only	12V, DC only	24V, DC only	24V, DC only	24V, AC only
Failure mode	Fail safe	Fail secure	Fail safe	Fail secure	Fail secure
Strike dimension	32 x 124 x 42mm	32 x 124 x 42mm	32 x 124 x 42mm	32 x 124 x 42mm	32 x 124 x 42mm
Faceplate detail	Flat with radiused corners	Flat with radiused corners	Flat with radiused corners	Flat with radiused corners	Flat with radiused corners
Finish	SAA	SAA	SAA	SAA	SAA
Monitored	No	No	No	No	No
Product code	7100-315-628	7100-310-628	7100-515-628	7100-510-628	7100-540-628



# 281 maglock

The 281 surface-mounted direct pull magnets can be used as part of an access control system for electric locking applications. With a magnetic holding force of at least 510kg, this magnet is excellent at withstanding doorset attack.

- Highly durable and low maintenance
- Security pin feature helps prevent unauthorised removal of the magnet from the door frame fixing plate
- Built in voltage spike suppressor



Magnet type	281 surface mounted door magnet			
Positioning	Outward opening doors: surface mount to door frame. Inward opening doors: requires separate Z&L brackets (281-800) to mount to door frame header			
Magnet detail	Single magnet		Double magnet	
Operating voltage	Dual – 12V or 24V, DC only		Dual – 12V or 24V, DC only	
Magnet dimension	40 x 266 x 73mm		40 x 532 x 73mm	
Armature dimension	1-off 16 x 160 x 61mm		2-off 16 x 160 x 61mm	
Finish	SAA		SAA	
Monitored	No	Yes	No	Yes
Product code	281-000	281-005	281-200	281-205

**We also offer morticed maglocks please ask about 282 models**

# 261 mini magnets

Compact direct pull magnet range with a 250kg holding force; durable, low maintenance and in a compact case size with clean aesthetics used as part of an access control system for electric locking applications.

- Security pin feature helps prevent unauthorised removal of the magnet
- Flexible solution where space is limited due to other door hardware, pull/push arms, or automatic safety devices



Magnet type	261 Surface mini magnet – ideal for narrow doors			
Positioning	For Outward opening doors: surface mount to door frame. Inward opening doors: requires separate Z&L brackets (261-800) to mount to door frame header			
Magnet detail	Single magnet	Single magnet	Double magnet	Double magnet
Operating voltage	Dual – 12V or 24V, DC only	Dual – 12V or 24V, DC only	Dual – 12V or 24V, DC only	Dual – 12V or 24V, DC only
Magnet dimension	25 x 250 x 42mm	25 x 250 x 42mm	25 x 500 x 42mm	25 x 500 x 42mm
Armature dimension	1-off 11 x 160 x 36mm	1-off 11 x 160 x 36mm	2-off 11 x 160 x 36mm	2-off 11 x 160 x 36mm
Finish	SAA	SAA	SAA	SAA
Monitored	No	Yes	No	Yes
Product code	261-000	261-005	261-200	261-205

**We also offer morticed mini magnets please ask about 262 models**



# Specialist electro-mechanical solutions

Our Trimec and Securitron ranges offer unique features such as extreme holding forces, high durability or door alignment technology. These specialist ranges of electromechanical products can offer solutions for a variety of applications.



## Trimec ES8000 V-lock electro-mechanical bolt

A high torque motorised bolt that moves from the vertical position to the horizontal state when locked. The bolt moves into the V-shaped strike plate pulling the door into alignment with the lock. Includes the world's first fail safe motor locking mechanism which eliminates the need and cost of an additional key override function.

- Preload capable lock will unlock with up to 15kg of side pressure, when wired in 3 wire mode
- Significant overall door misalignment tolerance for easy installation
- Slim design with classic satin stainless steel faceplate for great aesthetic look
- Can be installed vertically or horizontally, concealed from view or surface mounted for flexible installation options



Lock type	ES8000 V-lock electromechanical bolt	
Positioning	Morticed lockcase as standard with surface mount accessory kit also available	
Operating voltage	Dual – 12V or 24V, DC only	Dual – 12V or 24V, DC only
Lock dimension	30 x 250 x 42mm	30 x 250 x 42mm
Failure mode	Fail safe	Fail secure
Finish	SS	SS
Monitored	Yes	Yes
Product code	118001-010	118002-010



Fail safe motor locking mechanism

Specialist electro-mechanical solutions

## Securitron MM15 maglock

Unique hybrid design maglock, with almost two tonnes of holding power. Remarkably versatile solution with multiple voltages and current styles in 1 unit.

- 1814kg holding force for un-matched level of security
- Fail safe but can be installed with battery backup power supply
- Ideal for mental healthcare and other high-risk locations
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty



Magnet type	High security compact maglock
Positioning	Outward opening doors: surface mount to door frame. Inward opening doors: requires separate Z&L brackets (Z-MM15CL)
Magnet detail	Single magnet
Operating voltage	Dual – 12V or 24V, AC or DC
Lock dimension	70 x 152 x 48mm
Finish	SS
Monitored	Not as standard but door position switch and anti-tamper switch accessories are available
Product code	MM15DT

## Securitron M680E Eco Magnalock

Highly durable, high strength yet sustainable bracket mounted electromagnet, with a 544kg holding force. Ideal for high security and high traffic internal applications.

- High specification and innovative features reduce energy consumption and operating costs by up to 80%
- Offers integrated BondSTAT (lock and armature plate alignment monitoring) and Door Position Switch
- LED indicator gives visual check on door security
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty



Magnet type	High security and sustainable maglock	
Positioning	Surface mount to door frame	
Magnet detail	Single magnet	
Operating voltage	Dual – 12V or 24V, DC only	
Magnet dimension	65 x 292 x 63.5mm	
Finish	SAA	SAA
Request to Exit (REX)	No	Yes
Product code	M680EBDM-628	M680EBDM-X-628

Up to 80% reduced energy consumption



The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

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