

instock

Products for Mental Health Care

Anti-Barricade Hardware Sets
Reduced Ligature Products
Simple Solutions in one box



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Issue 2

eclipse
ULTRA

Instock Hardware is part of

 **FRISCO**
UK SALES LIMITED



Eclipse Ultra: Specialist and Reduced Ligature Door Hardware

The Eclipse Ultra range has been developed and tested over several years, in partnership with specialist Engineers, Designers and Manufacturers. Each are experts in their field.

The result is an off the shelf solution for health care facilities and buildings that require reduced ligature and anti-barricade door hardware.

The range has pre-designed doorsets, supplied complete as a box set, with a suite of locking functions. Each doorset component is also individually available for bespoke sets, including the innovative Bowling Ball Knob Sets and **Patented** Anti-Barricade Europrofile Cylinder Kits.

Each doorset box contains the relevant UKCA, CE and Certifire lockcase, with intumescent where required.

Simple Solutions..... in one box

®





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Eclipse Ultra Bowling Ball Sets

Installation & Fixing Instructions for Eclipse Ultra Bowling Ball Cylinder Kit

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AX11 Primary and Secondary Entry Override Bedroom Door Set

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Bowling Ball Sets -

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BBSET2 Bowling Ball Bathroom Indicator Set

BBSET3 Fixed Dead Bowling Ball Set

BBSET4 Fixed Dead Bowling Ball

Component List

Spares List

If the solution you need is not listed, we can help you create the system you want.

Eclipse Ultra Bowling Ball Sets

The Eclipse Ultra Bowling Ball has been designed and tested with staff and users in mind.

The Registered Design has exceptional grip that allows the knob to turn and safely pull a door open. With its anti-slip surface it allows wet hands to operate without sliding off.

The concealed fixings lock securely to the door, so the Bowling Ball can also be used to pull the door.

Its shape and design is suitable for reduced ligature projects.

The robust design and manufacture make it suitable for Health Care, Schools, Airports, Custodial and Public buildings.

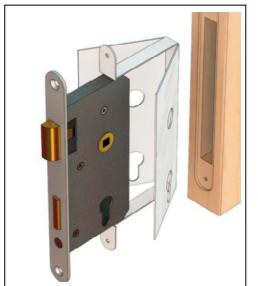
The bowling ball is supplied in a combination of tested door sets for latching doors, bathroom doors and as door pulls.



Ultra Bowling Ball Cylinder Kit

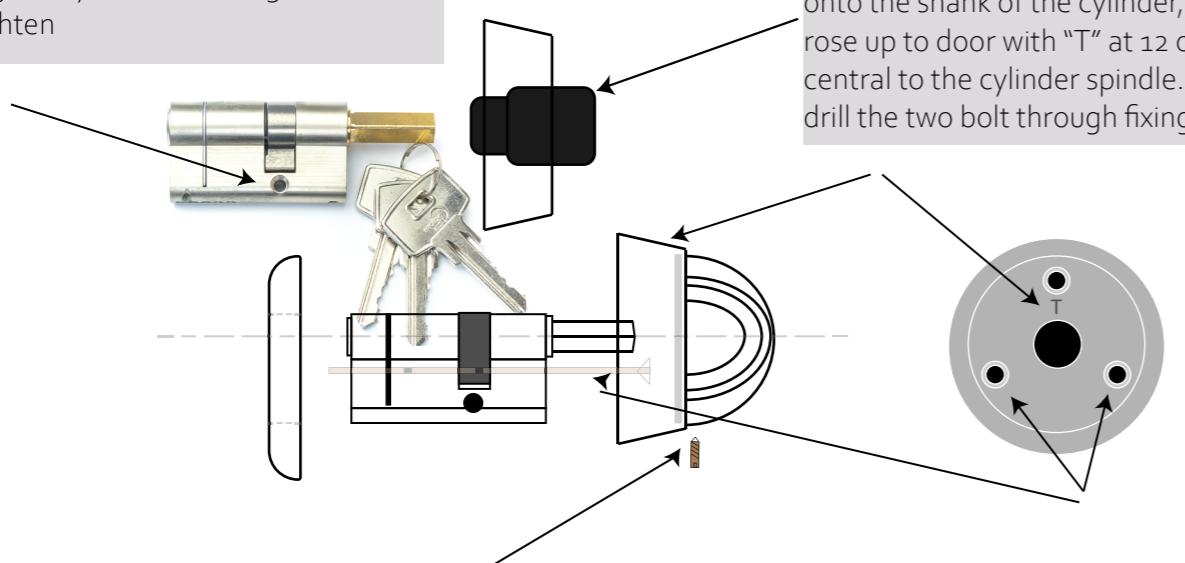
Installation & fixing

For doorsets AX11, P1, P3, A6



1. Fit the appropriate lockcase to the door as per the template, using the intumescent kit if required

2. Fit Euro Cylinder in to the lock case and retain using the cylinder retaining screw. Do not overtighten



5. Assemble the bowling ball to the rose and euro cylinder shank. Once in position, tighten the grub retaining screw to secure the bowling ball to the cylinder spindle.

Tighten until secure using an Allan key (6Nm to 10Nm) DO NOT OVERTIGHTEN.

The high tensile steel grub screw will anchor securely to the spindle.

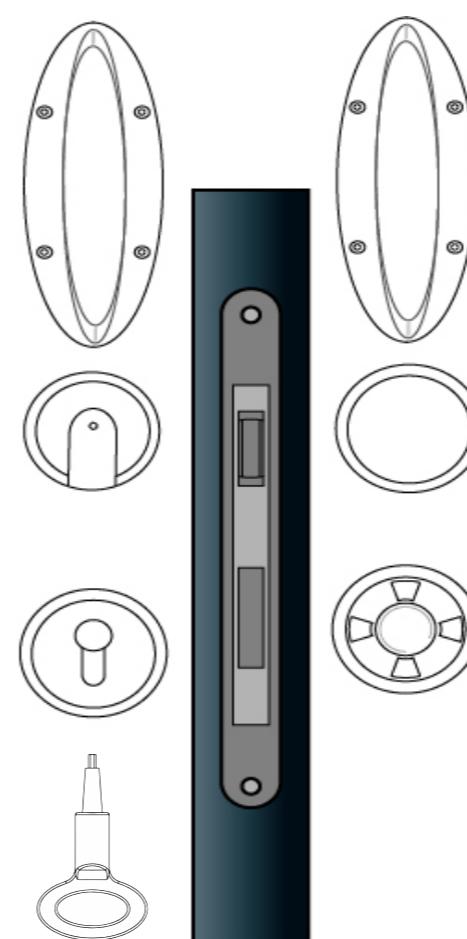
Test the bowling ball is secure and free to operate the cylinder, and the key operates the deadbolt.

To Test Cylinder:
Throw Bowling Ball
Turn Bolt anti-clockwise to lock. Hold the turn. Insert key ALL THE WAY IN UNTIL IT CLICKS. Turn the key anti-clockwise to unlock.

4. The Bolt Through fixings holes at 38mm Centres are for the two machine screws. Trim to length to screw through the bolt fix holes in the lockcase, into the threaded receivers on the euro escutcheon. Tighten and secure. Ensure rose and escutcheon are square to the door surface.

AX11 Bedroom Door Set with Primary & Secondary Override

Installation & fixing



Fitting

1. Fit the lock case to the door as per the template, using the intumescent kit if required

2. Refer to Ultra Bowling Ball Cylinder Kit for installation & fixing.

3. Fix Pinch Grip Pull handles to the door to suit.

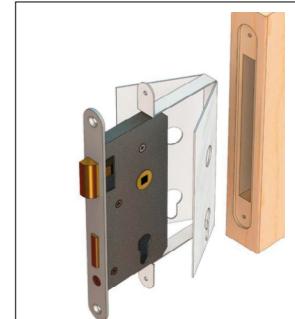
4. Override Cover - unlock the cover so the cover drops.

4a. Trim the two machine screws to suit the door thickness, allowing them to fix through the override escutcheon and into the rear of the blank/blind escutcheon on the room side.

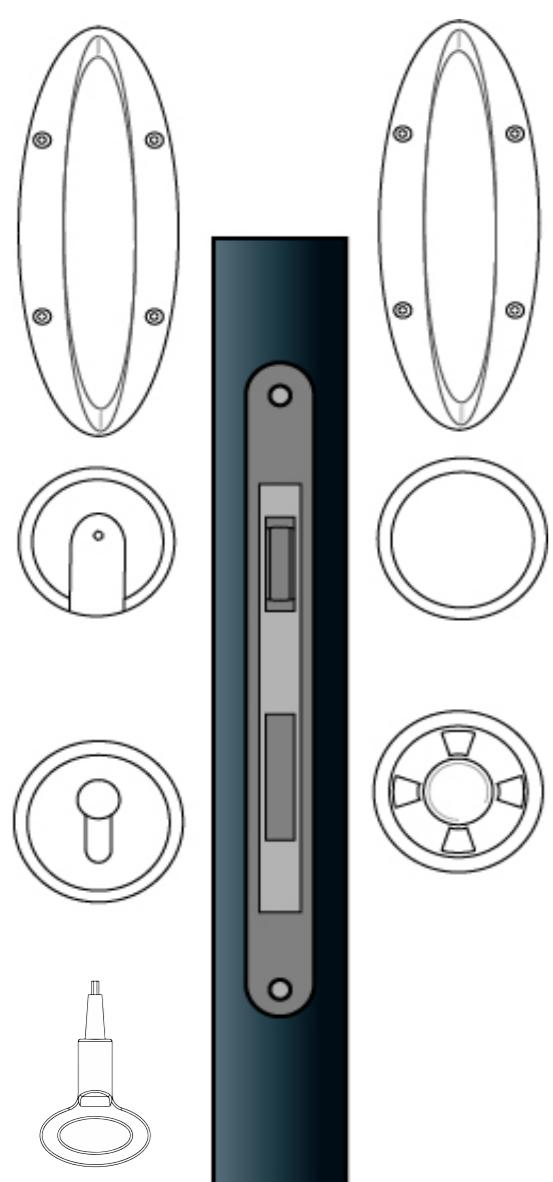
4b. Test the override operation by locking the deadbolt with the turn or the key. Using the rescue key, insert all the way into the follower and turn anti-clockwise to unlock the deadbolt.

4c. Remove the rescue key and lock will be ready for normal operation.

4d. Push the override slide cover up and lock into position. **DO NOT OVERTIGHTEN the security screw.**



AX11 Bedroom Door Set with Primary & Secondary Override
To suit 35mm/44mm/54mm/60mm doors (confirm size when ordering)



Scan for Demo Videos



Application

For rooms where an Emergency Secondary Override is required. The roller ball latch allows the door to be pushed/pulled. Internally the door can be locked for privacy with the bowling ball turn.

Key entry from the outside when the door is locked. Using our Eclipse Ultra Patented Override Cylinder will allow Primary override for staff if the turn is being held.

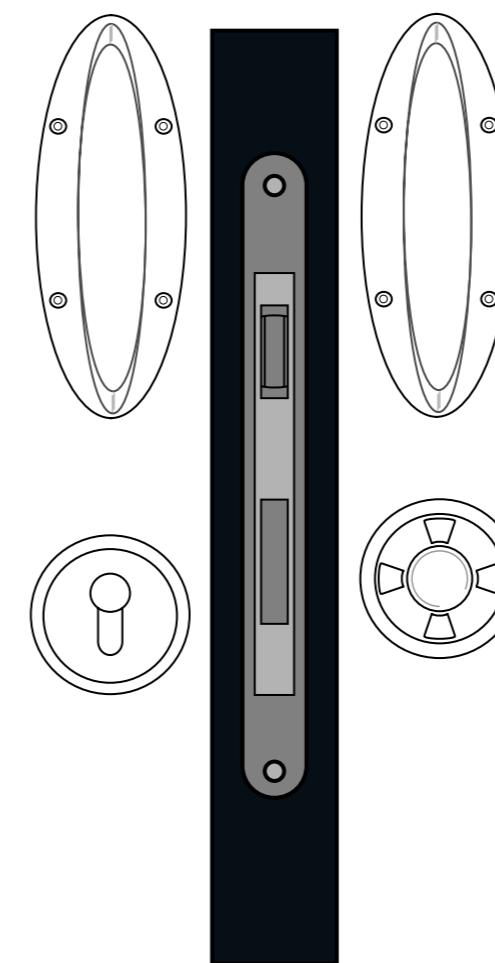
If Cylinder entry is not possible the Secondary override mechanism can be engaged using our Override Key, accessed behind the slide cover. The Secondary override independently withdraws the deadbolt without the need to overpower the person holding on to the turn. Once the door is unlocked and Primary or Secondary override have been used, the lock can be reset for normal day to day use.

What's in the box

- EU91680ABR-80 Euro Anti Barricade Lock EN12209, CE, EN179, UKCA, Certifire 80mm Backset Case
- INT80 DIN Lock Intumescent Kit for 80mm Backset Case
- Bowling Ball Cylinder Kit
- 34814 Pinch Grip Pull Handles x 2
- Slide Cover for Emergency Key
- Emergency Release Key
- Eclipse Override Euro Cylinder - NOT INCLUDED
- Various Suiting Options available



P1 Bedroom Door Set with Primary Override
To suit 35mm/44mm/54mm/60mm doors (confirm size when ordering)



Scan for Demo Videos



Application

Typically for bedroom doors where the deadbolt can be thrown from the inside of the room for privacy using the bowling ball turn.

The roller latch in the lock allows the door to be pushed and pulled open when unlocked.

Key entry from the outside using our Eclipse Ultra Patented Override Cylinder which disengages the turn on the inside, if it is being held.

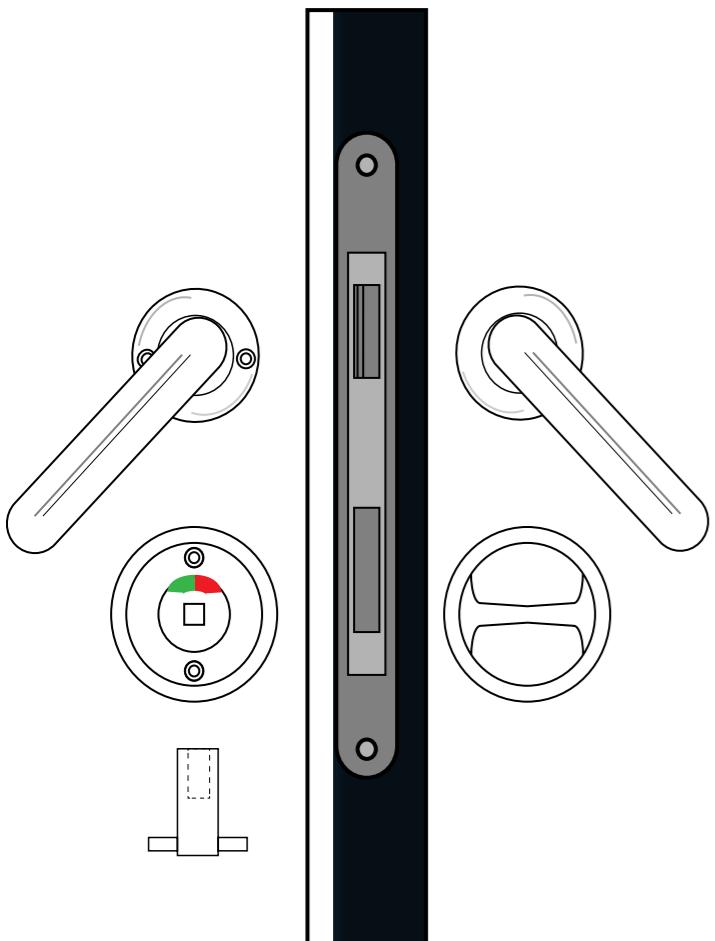
A useful doorset for some ensuites where staff can control the room and gain entry providing the Eclipse Ultra Patented Override cylinder is used.



What's in the box

- EU91680DLR Rollerbolt Euro Deadlock EN12209, CE, UKCA, Certifire 80mm Backset Case
- INT80 DIN Lock Intumescent Kit for 80mm Backset Case
- 34814 Pinch Grip Pull Handle x 2
- Bowling Ball Cylinder Kit
- Eclipse Override Euro Cylinder - NOT INCLUDED
- Various Suiting Options available

P2 Bathroom Door Set Primary Override with Levers



Scan for Demo Videos



Application

For bathroom doors with levers to both sides and privacy turn with indicator.

The deadbolt is thrown for privacy on the inside, changing the indicator from green to red on the outside. The emergency release key will override and withdraw the deadbolt if necessary.

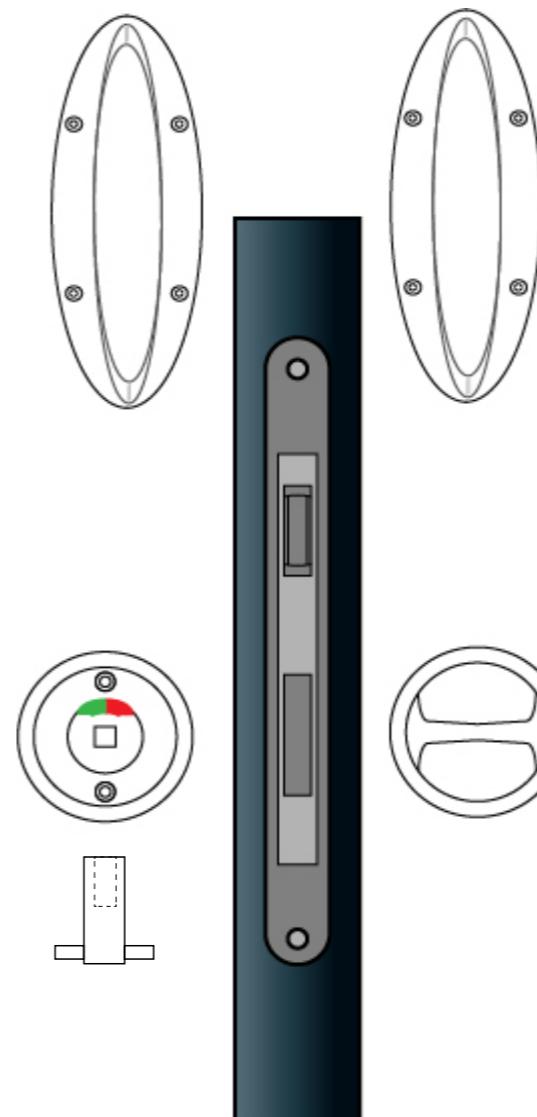
The staff override key and integrated clutch in the turn allows staff to override resistance from the inside.

What's in the box

- EU91380BL Bathroom Lock EN12209, CE, UKCA, Certifire 80mm Backset Case
- 34813 Eclipse Anti-ligature Lever Set SSS
- 34807 Eclipse Clutch Release Turn/ Indicator
- 34807 Release key
- Optional 71413 DIN Bathroom lock EN12209, CE, UKCA, Certifire 60mm Square Backset Case
- Optional 71423 DIN Bathroom lock EN12209, CE, UKCA, Certifire 60mm Radius Backset Case
- Optional Fire kit available if necessary



P2R Bathroom Door Set Primary Override with Pinch Grips



Scan for Demo Videos



Application

For bathroom doors with Pinch Grip pull handles and privacy turn with indicator. The roller bolt bathroom lock latches the door in place.

The deadbolt is thrown for privacy on the inside, changing the indicator from green to red on the outside. The emergency release key will override and withdraw the deadbolt if necessary.

The staff override key and integrated clutch in the turn allows staff to override resistance from the inside.

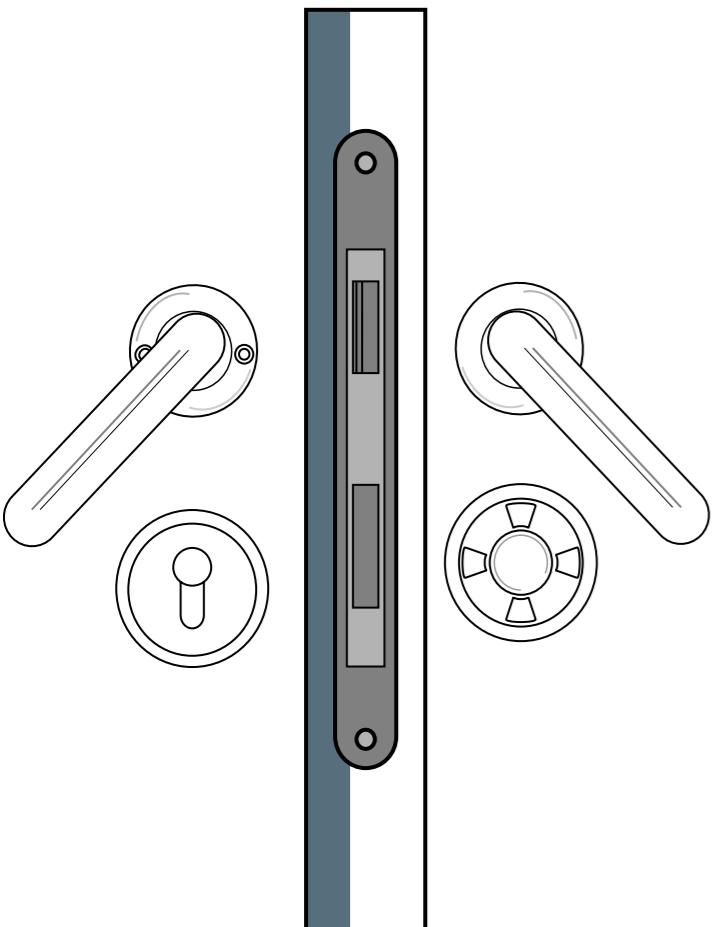


What's in the box

- EU91380RL Roller Bolt Bathroom Lock EN12209, CE, UKCA, Certifire 80mm Backset Case
- 34814 Eclipse Pinch Grip Pull Handles x 2
- 34807 Eclipse Clutch Release Turn/ Indicator
- 34807 Release key
- Optional Fire kit available if necessary

P3 Staff / Office Doors with Primary Override

To suit 35mm/44mm/54mm/60mm doors (confirm size when ordering)



Application

Staff or office door where the deadbolt can be locked for privacy or security.

The latch operates with our Anti-ligature Lever Set. Key entry from the outside when the door is locked.

Using our Eclipse Ultra Patented Override Cylinder will allow Primary override for staff if the turn is being held.

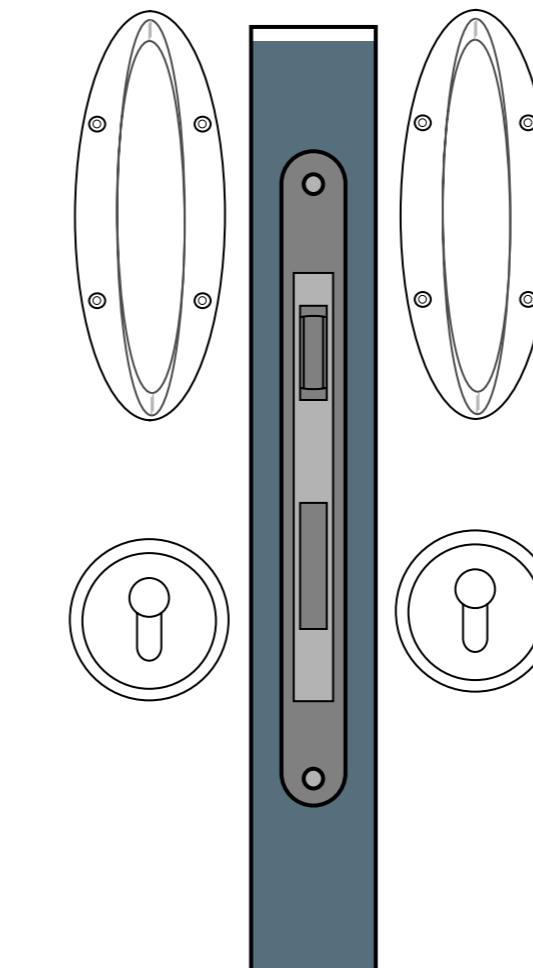
What's in the box

- EU91080SL Euro Sashlock EN12209, CE, UKCA, Certifire 80mm Backset Case
- INT80 DIN Lock Intumescent Kit for 80mm Case
- 34813 Eclipse Anti-ligature Lever Set SSS
- Bowling Ball Cylinder Kit
- Eclipse Override Euro Cylinder - NOT INCLUDED
- Various Suiting Options available
- Optional 71410 DIN Sashlock EN12209, CE, UKCA, Certifire 60mm Square Backset Case
- Optional 71420 DIN Sashlock EN12209, CE, UKCA, Certifire 60mm Radius Backset Case

Scan for Demo Videos



P9 Circulation /Communal Doors

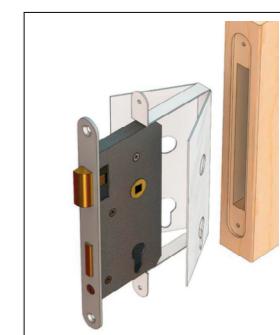


Application

The door latches using a roller bolt and can be pushed or pulled open using the pinch grip handles on either side.

The euro deadlock allows the door to be locked when closed, with key entry from either side.

Typically used for communal areas, allowing staff to secure the area using the deadbolt.



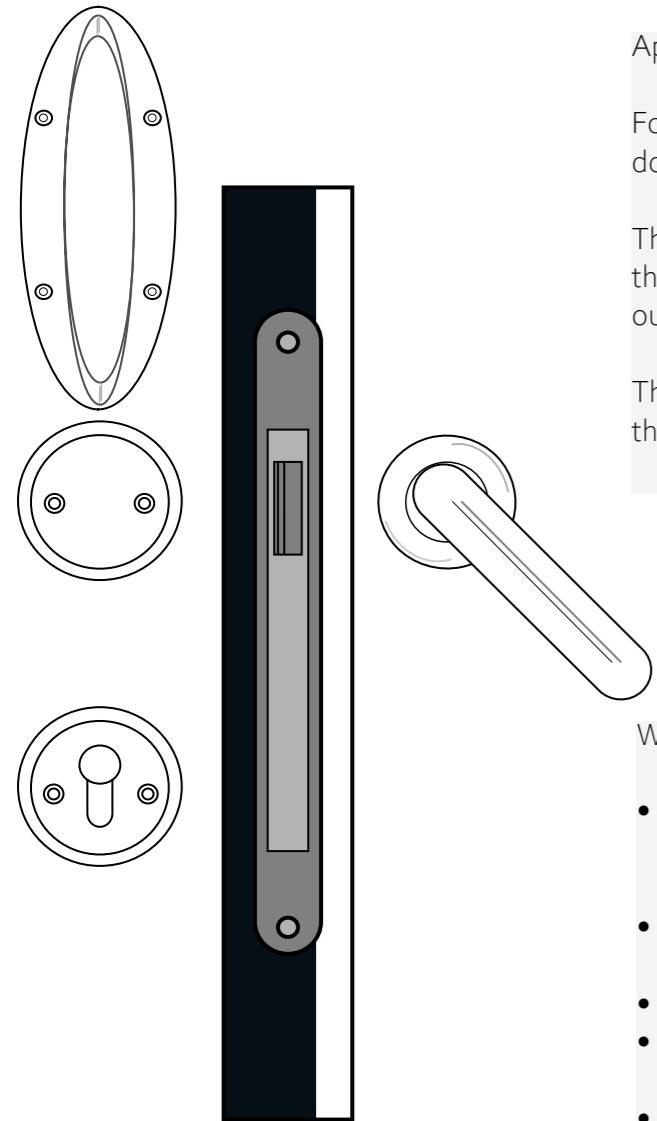
Scan for Demo Videos



What's in the box

- EU91680DLR Rollerbolt Euro Deadlock EN12209, CE, UKCA, Certifire 80mm Backset Case
- INT80 DIN Lock Intumescent Kit for 80mm Case
- 34814 Pinch Grip Pull Handle x 2
- 34804 Anti-ligature Escutcheon Set
- Optional Double Euro Cylinder - to Differ or Under Master Key

A5 Auto Locking Door for Medical & Safe Rooms



Scan for Demo Videos



Application

For cupboards and safe rooms. The door is slam locked shut.

The lever will operate the latch from the inside, with key entry only from the outside.

The addition of a pinch grip pull allows the door to be pulled closed.

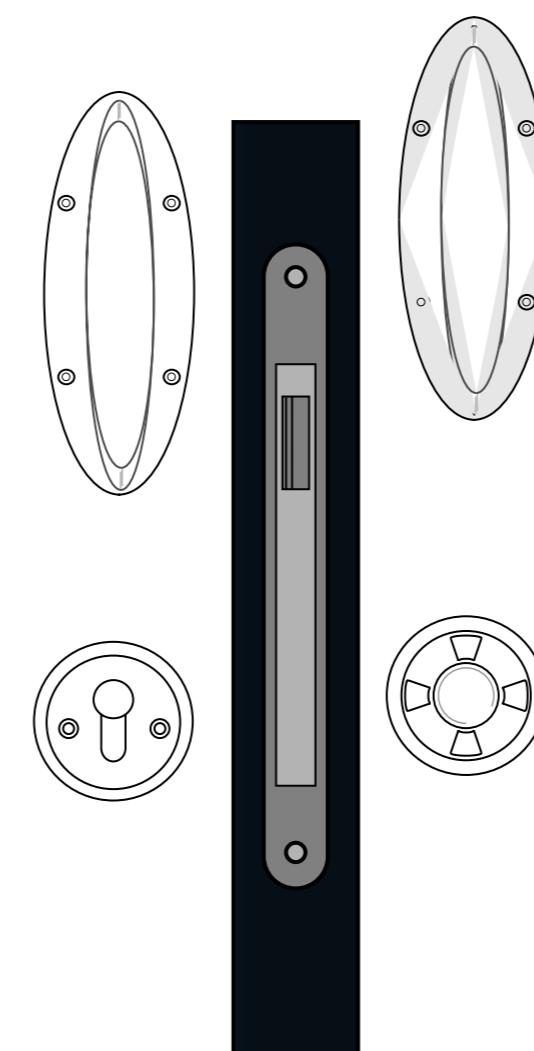
What's in the box

- EU81080 Euro Auto Lock EN12209, EN179, CE, UKCA, Certifire 80mm Backset Case
- INT80 DIN Lock Intumescent Kit for 80mm Case
- 34814 Pinch Grip Pull Handle x 1
- 34811 Anti-ligature Face Fix Escutcheon
- 34813H-F/half Half Set + Half Heso Spindle
- 34811Blind - Blank Escutcheon
- Optional Single Euro Cylinder - to Differ or Under Master Key
- Optional 71414 DIN Nightlatch EN12209, CE, UKCA, Certifire 60mm Square Backset Case
- Optional 71424 DIN Nightlatch EN12209, CE, UKCA, Certifire 60mm Radius Backset Case



A6 Auto Locking Door for Medical & Safe Rooms with Primary Override

To suit 35mm/44mm/54mm/60mm doors (confirm size when ordering)



Scan for Demo Videos



Application

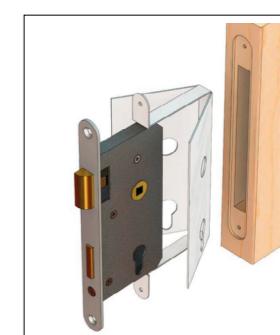
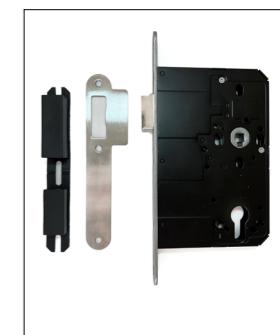
For cupboards and safe rooms. The door is slam locked shut.

The bowling ball turn will operate the latch from the inside. Key entry from the outside using our Eclipse Ultra Patented Override Cylinder which disengages the turn on the inside, if it is being held.

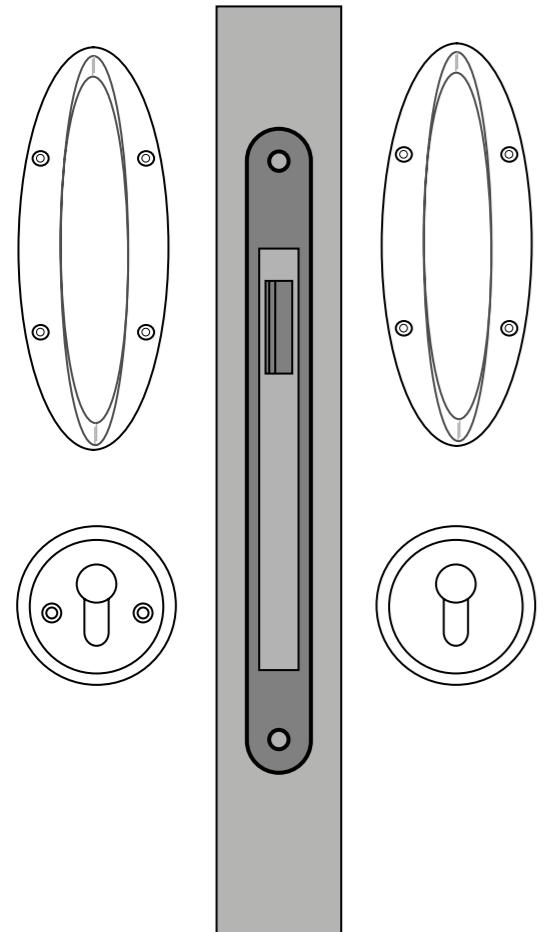
The addition of a pinch grip pull allows the door to be pulled closed. A further pinch grip can be added inside the room if required.

What's in the box

- EU81080 Euro Auto Lock EN12209, EN179, CE, UKCA, Certifire 80mm Backset Case
- INT80 DIN Lock Intumescent Kit for 80mm Case
- 34814 Pinch Grip Pull Handle x 1
- 34811 Anti-ligature Face Fix Escutcheon
- Bowling Ball Cylinder Kit
- Eclipse Override Euro Cylinder - NOT INCLUDED
- Various suiting options available
- Optional Additional Internal Pinch Grip Handle 34814
- Optional 71414 DIN Nightlatch EN12209, CE, UKCA, Certifire 60mm Square Backset Case
- Optional 71424 DIN Nightlatch EN12209, CE, UKCA, Certifire 60mm Radius Backset Case



A7 Auto Locking Door for Staff Rooms



Scan for Demo Videos



Application

For staff rooms where security is required internally and externally. Once the door is shut key entry/exit is required.

The latch is operated by key from the corridor side of the door and from inside the room.

There is a pinch grip handle to both sides of the door.

What's in the box

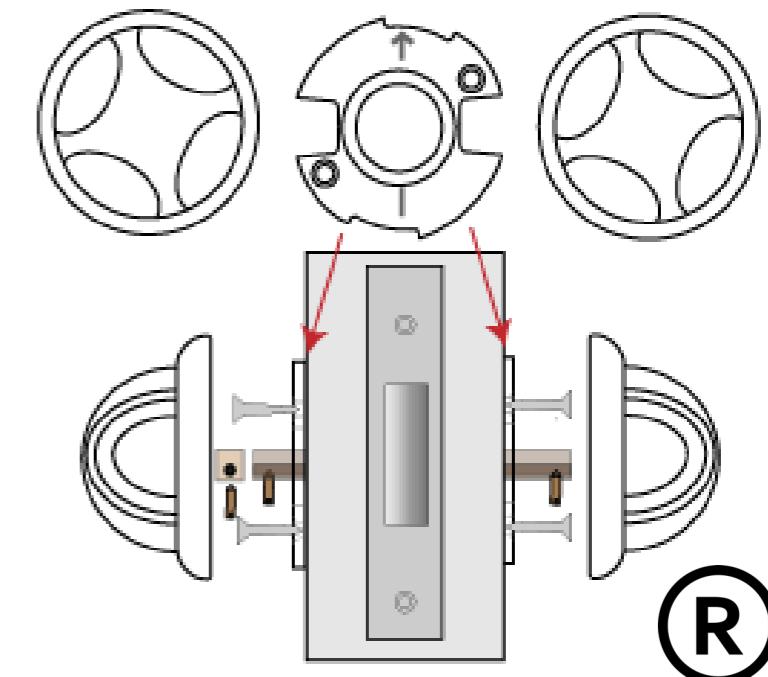
- EU81080 Euro Auto Lock EN12209, EN179, CE, UKCA, Certifire 80mm Backset Case
- INT80 DIN Lock Intumescent Kit for 80mm Case
- 34814 Pinch Grip Pull Handle x 2
- 34804 Anti-ligature Escutcheon Set
- Optional Double Euro Cylinder - to Differ or Under Master Key
- Optional 71414 DIN Nightlatch EN12209, CE, UKCA, Certifire 60mm Square Backset Case
- Optional 71424 DIN Nightlatch EN12209, CE, UKCA, Certifire 60mm Radius Backset Case



Eclipse Ultra Bowling Ball Hardware Sets

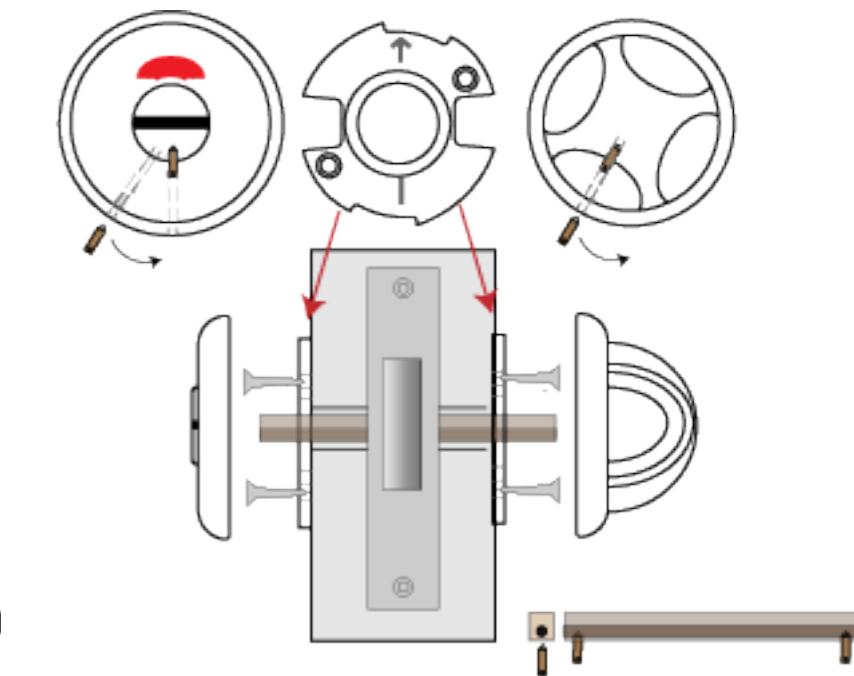
BBSET 1 Bowling Ball Set to work with Box Latch

Pair of Diecast Knobs supplied with 8mm Heso type Spindle. Innovative locking fixing plate to secure the excellent grip and turning from our Registered Design Bowling Ball. Low profile shape with minimal protusion.



BBSET 2 Bowling Ball Bathroom Indicator Set

Bathroom Turn & Indicator Set supplied with 8mm Heso type Spindle. Innovative locking fixing plate to secure the excellent grip and turning from our Registered Design Bowling Ball. Low profile shape with minimal protusion. Red/White Indicator and Coin Release.



Eclipse Ultra Bowling Ball Hardware Sets

BBSET 3 Fixed Dead Bowling Ball Set

Simple set of Bowling Ball Knobs, fixed dead to both sides of the door.

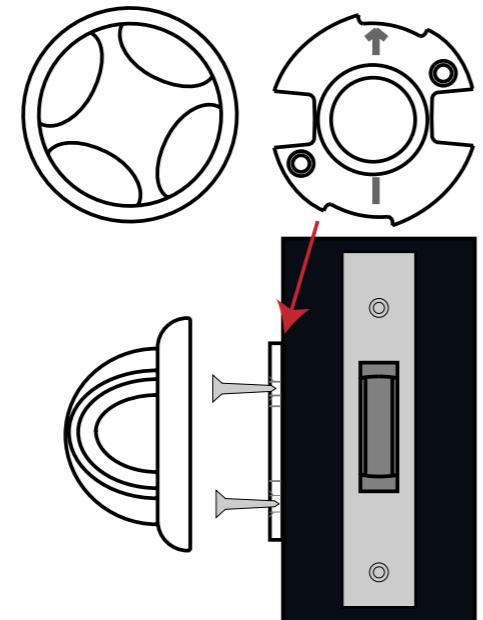
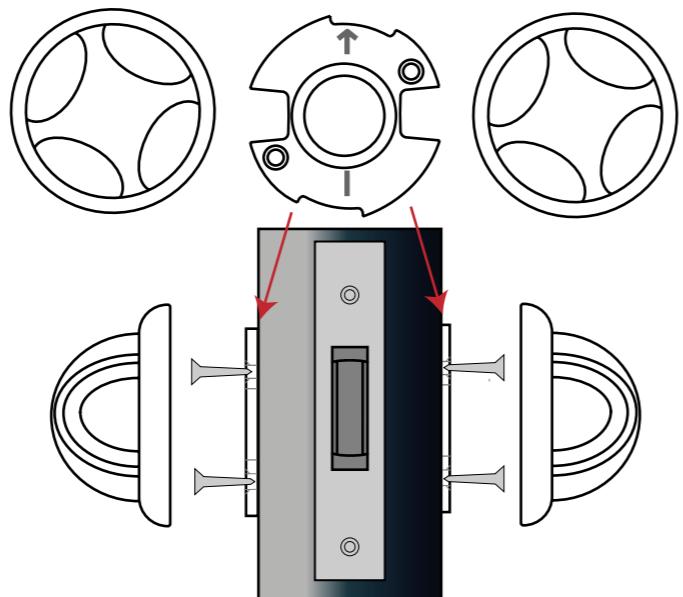
Innovative locking fixing plate to secure the excellent grip and turning from our Registered Design Bowling Ball. Low profile shape with minimal protusion.



BBSET 4 Fixed Dead Bowling Ball

Bowling Ball Knob, fixed dead to one side of the door. Suitable for cupboard doors, medical cabinets and cages.

Innovative locking fixing plate to secure the excellent grip and turning from our Registered Design Bowling Ball. Low profile shape with minimal protusion.



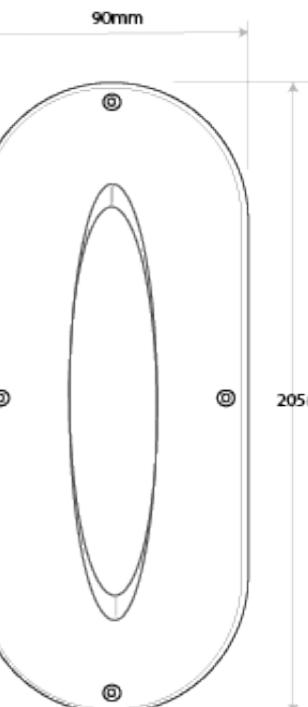
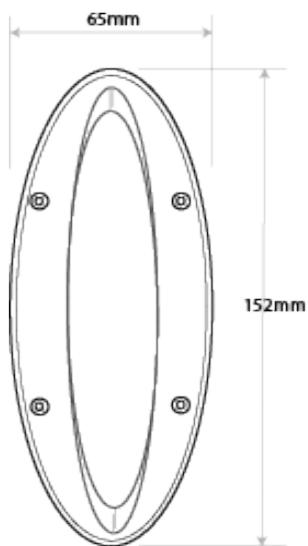
Components List

34814 Pinch Grip Pull Handle

34814FP Matching Finger Plate

Solid Stainless Steel Grade 304 with an Anti-Slip Pinch Grip Design. Textured and angled for secure grip. Plate size 152mm x 65mm x 3mm with Bevelled edge. Discreet non-institutional size. Suitable for Doors and Cupboards with Face Fix Torx Security Wood Screws.

Options for Back to Back fixings on request.



34814L Large Pinch Grip Pull Handle

34814LFP Matching Large Finger Plate

Solid Stainless Steel Grade 304 with an Anti-Slip Pinch Grip Design. Textured and angled for secure grip. Larger Plate size 205mm x 90mm x 3mm with Bevelled edge. Suitable for Retrofit Doors with Face Fix Torx Security Wood Screws.

Options for Back to Back fixings on request.

Components List

34813 Short Lever Set

Solid Stainless Steel Grade 304 Unsprung Levers
50mm x 10mm Diameter Rose
38mm Bolt Through Centres
8mm Spindles for 44mm to 60mm Doors
Supplied with Torx Bolt Through fixings



Option:
Components for half sets to operate with Auto Locks and Mortice Nightlatches

34813H-F Rear Bolt Fix Half Lever
34811BLIND Face Fix 38mm c/c Escutcheon
34807 Fixings - Pair of Torx Bolt Thru Fixings

38413H-M Face Fix Half Lever
34812BLIND Rear Fix 38mm c/c Escutcheon
34807 Fixings - Pair of Torx Bolt Thru Fixings

288-44 Half Spindle to Operate 44mm door
288-54 Half Spindle to Operate 54mm door



Components List

EU Bowling Ball Turn Kits with Anti-Barriade Cylinder

Anti-Barricade Euro Cylinder Turn Kit using the innovative Bowling Ball Design. Specifically designed for use with out Patented Override Cylinder supplied with Bolt Thru fixings for 38mm Centres.

EUBBTURNKIT35 - 35mm Doors (with EUSLEEVE)
EUBBTURNKIT44 - 44mm Doors
EUBBTURNKIT54 - 54mm Doors
EUBBTURNKIT60 - 60mm Doors



EUSLEEVE - conversion sleeve to adapt the bowling turn kit for 35mm thick doors

UK Patent No GB 2 623 393

Anti-Barricade Override Cylinder with Key Entry from outside which disables the Turn on the inside, even if the turn is being held tight.

Cylinder can be supplied under -

Open Suite
Restricted Master Key Suite

Other cylinders for the site can be included



Scan for Demo Videos



Components List

34807 WC Indicator Set with Clutch release

Solid Stainless Steel Grade 304, with 63mm diameter rose and 38mm centres. 8mm Heso type spindle included. Requires 8mm follower lock. Supplied with torx head bolt through fixings. Easy grip turn with Red/White Indicator Precision Clutch mechanism used with the Emergency Key to override access if the Turn is being held. Emergency Key included.

33807Key - Spare Key if required



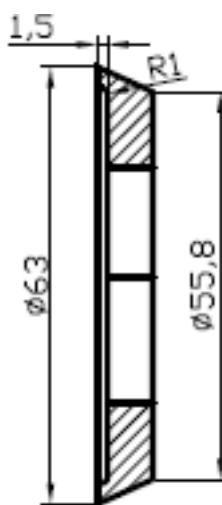
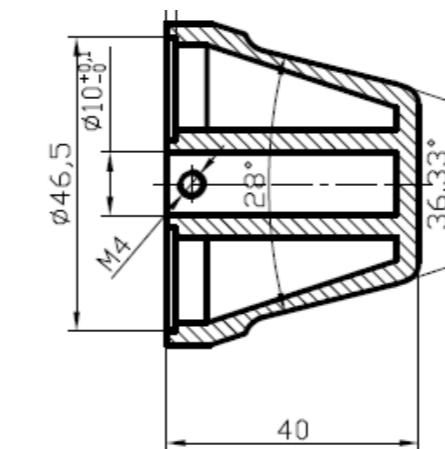
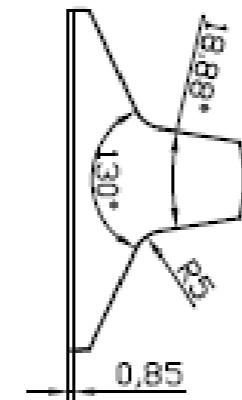
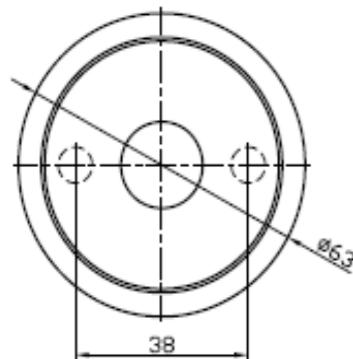
Components List

34810 Euro Cylinder Conversion Kit

Solid Stainless Steel Grade 304, with 63mm diameter rose, 47mm projection and 10mm euro escutcheon. 38mm bolt through centres supplied with Torx bolt through fixings.

When used with the Eclipse Patented Override Cylinder, allows staff to disengage the turn using the key.

10mm Diameter Hole required for Cylinder Shank, which must be at least 8mm long.



Components List

14999 Eclipse Grade 14 102x76 Radius Thrust Bearing Hinge

14998 Eclipse Grade 14 102x76 Square Thrust Bearing Hinge

Anti-ligature Tipped 102mm x 76mm x 3mm, 10mm Radius Corners Hinge. Supplied in Pairs complete with 12 x 1.1/2" Security Screws. Performance Tested BS EN1935 200,000 Cycles to Grade 14. 160kg High Performance, Beryllium Thrust bearing.



14904 Intumescent Hinge Pad Kit to suit 14999

14903 Intumescent Hinge Pad Kit to suit 14998

102mm x 31mm Graphite Material
Supplied as 6 pieces for 3 Hinges
CE & UKCA Approved



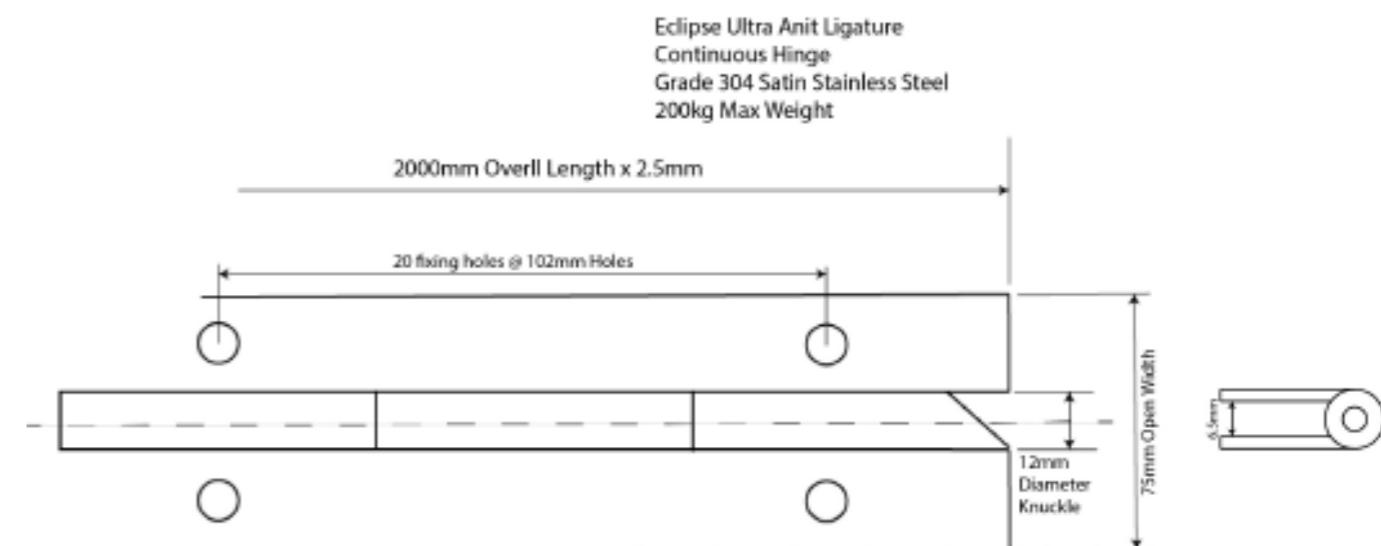
Components List

EUCTHINGE Continuous Ball Bearing Hinge



Satin Stainless Steel Grade 304 Continuous Ball Bearing Hinge, 75mm x 2000mm x 2.5mm. 12mm diameter knuckle to suit up to 200kg maximum weight.

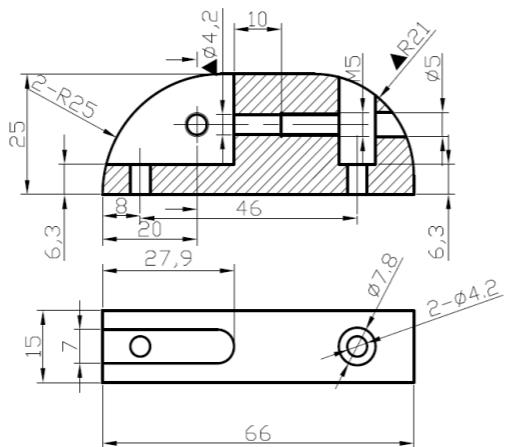
Continuous Intumescent Hinge Pad 2.1m x 30mm 0.8FF



Components List

34808 Coat Hook

Solid Stainless Steel Grade 304, 66mm x 15mm Coat Hook. With adjustable tension screw designed to fail under load. Supplied with Torx fixings.



EUFRDV Door Viewer

Anti-Ligature Door Viewer Fire Rated for FD30 and FD60, for doors 44mm - 60mm

EU OR KEY (Supplied separately)



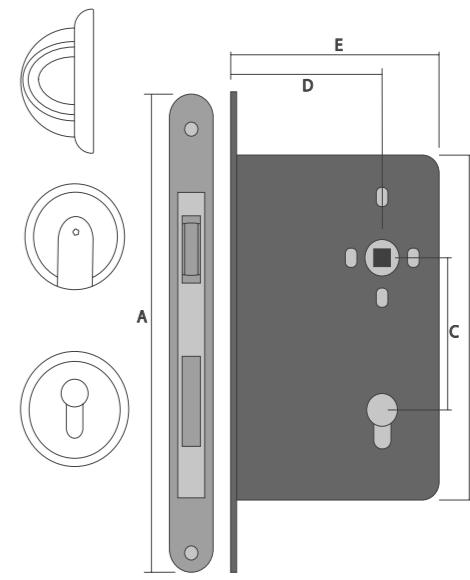
Components List

80mm DIN Lock Range & Functions

80mm Backset DIN Lockcases, EN12209. To comply with Fire Regulations, all locks meet UKCA, CE and Certifire standards. Supplied with Radius Strikeplates and Faceplates. Approved Intumescent Kit is included. Each lock is supplied with Torx security fixings

Dimensions:

A = 235mm x 24mm
B = 165mm
C = 72mm Euro Profile / 78mm Bathroom
D = 80mm Backset



ANTI-BARRICADE OVERRIDE LOCK

EU91680AB 80mm Anti-Barricade Radius Lockcase A unique override lockcase with independent external override function. Available only in doorset AX11.

Europrofile, Roller Ball Latch which is adjustable without removing the faceplate.

EN12209, EN179, CE, UKCA, Certifire



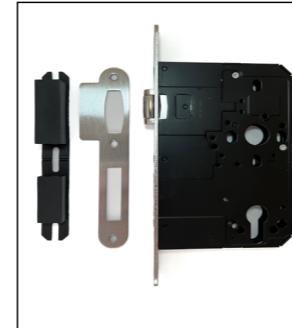
Components List

80mm DIN Lock Range & Functions

EURO PROFILE ROLLER BOLT DEADLOCK
EU9168oSL 80mm Euro Deadlock Radius Lockcase

DIN Euro Deadlock with Roller Bolt Latch and locking Deadbolt

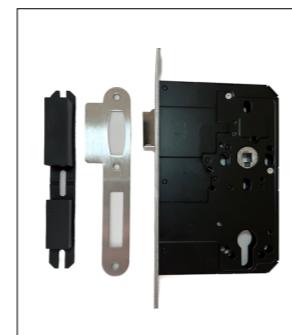
EN12209, CE, UKCA, Certifire



EURO PROFILE SASHLOCK
EU91080SL 80mm Euro Sashlock Radius Lockcase

Conventional DIN Euro Sashlock with Deadbolt

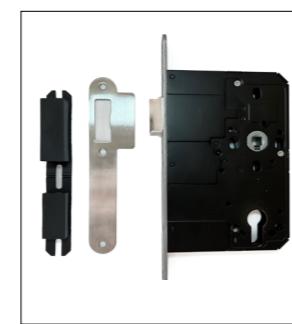
EN12209, CE, UKCA, Certifire



EURO AUTO LOCK
EU81080SL 80mm Euro Auto Locking Lockcase

Mortice Nightlatch with Latch Bolt operation

EN12209, EN179, CE, UKCA, Certifire



Components List

80mm DIN Lock Range & Functions

BATHROOM LOCKCASE
EU91380BL 80mm Bathroom Lockcase

Conventional DIN bathroom Lock with Latch. 78mm Centres and 8mm Follower (with 5mm adaptor)

EN12209, CE, UKCA, Certifire



ROLLER LATCH BATHROOM LOCKCASE
EU91380RBL 80mm Roller Latch Bathroom Lockcase

DIN bathroom Lock with Adjustable Roller Latch. 78mm Centres and 8mm Follower (with 5mm adaptor)

EN12209, CE, UKCA, Certifire



FULL CASE LATCH
EU91180R 80mm DIN Full Case Latch

Conventional DIN Latch

EN12209, CE, UKCA, Certifire



80mm INTUMESCENT LOCK KIT
EUDIN8o Approved Intumescent Kit Self Adhesive for use with all 80mm Lockcases



Spares List

Extended Lipped & Double Action Strike Plates

Manufactured in the UK Extended and Double Action Strike Plates made to size. Tempered to suit our suite of Roller Ball, Latching and Auto Locks in our hardware sets. Sizing Template available upon requested.



34804 Escutcheon Set

55mm diameter x 8mm depth set of Anti-Ligature Bolt fixed Escutcheons with Torx Anti-Tamper fixings.

34812 Concealed Fix Euro Escutcheon
34811 Face Fix Euro Escutcheon



34804/14 Escutcheon

55mm diameter x 14mm depth Anti-Ligature Face Fixed escutcheon.

Other sizes are available on request - machined to size



Spares List

EU OR Cover

Override Slide Cover with Retaining Bolt used with Eclipse Ultra Key



EU OR Key

Override Key to Operate Slide Cover included in Doorset AX11



34812BLIND

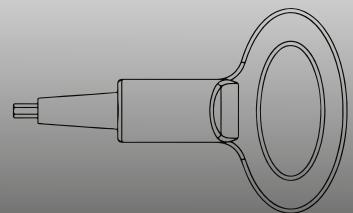
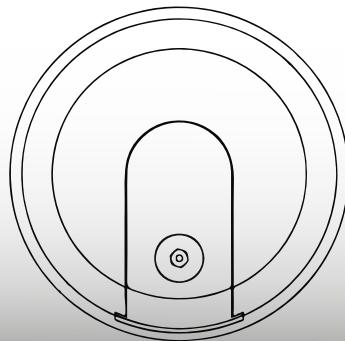
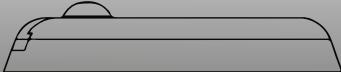
Blind Escutcheon with 38mm Threaded Bolt Fixing



34811BLIND

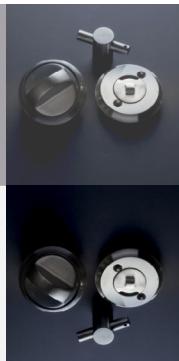
Face Fix Escutcheon with 38mm Threaded Bolt Fixing





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