

AR915-ESC & AR915

Euro Profile Mortice Escape lock Square, Radiused Forend, 60mm Backset

ARRONE®
The complete range.

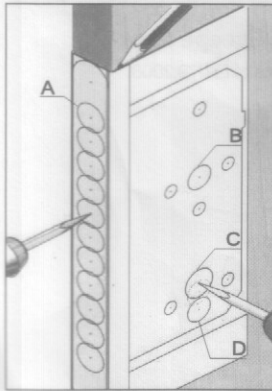


Image 1

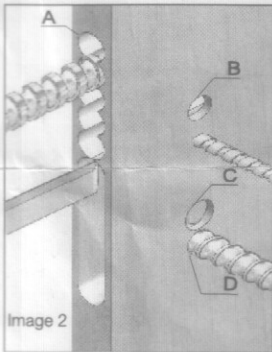
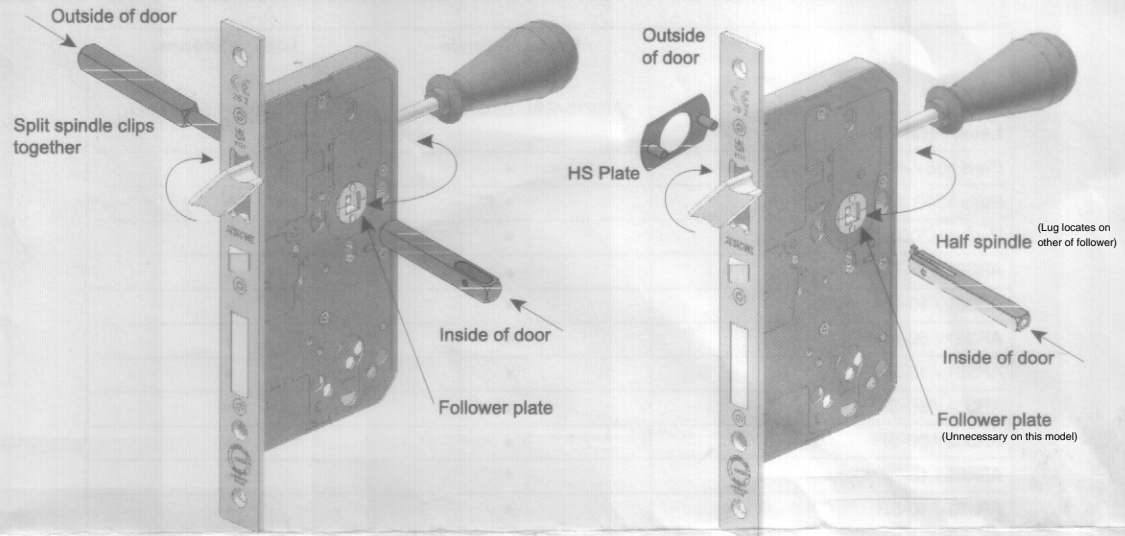


Image 2



AR915 Apartment lock

AR915 Escape lock

Image 3

Product fitting instructions

1. Using lock forend template on centre line of door edge, mark top forend with pencil. Mark positions for a series of 11 HOLES A. See Image 1.
 2. Match lock body template against door ensuring position is correct.
 3. Mark position of lever handle at HOLE B and at HOLES C & D (euro cyl), then mark bolt through fixing positions for lever rose and cylinder escutcheon, or backplate.
 4. Drill 11xØ18mm HOLES A at 92mm depth to create a mortice for lock case to fit. Chisel out to ensure correct fit. See Image 2.
 5. Drill a Ø 18mm hole through door at position HOLE C.
 6. Drill a Ø 15mm hole through door at position HOLE B and further Ø 15mm hole at position HOLE D. Slightly lift drill to ensure correct fit.
 7. Fit lock into the mortice and mark forend. Remove lock and create a recess at the marked position. Replace lock and mark 2 fixing holes to suit screws supplied.
 8. Mark position on door frame for strike plate and keep tidy. Create mortice for strike plate and keep tidy to fit.
- Important - when fitting AR915 Apartment Lock ensure split spindle provided is used. Connect longer spindle side through lock follower from outside of door then clip in shorter side of split spindle from inside of door. To remove split spindle, press down on rocker switch and pull to unclip sides.**

Tools required for fitting

Pencil, bradawl, chisel, screwdriver. Wooden drills: Ø 8mm max (bolt through fixing holes) Ø 15mm (HOLES B and D), Ø 18mm / 92mm bit (HOLES A and C)

Latch reversibility

To reverse latch bolt use screw driver through hole in rear edge of case, push slotted head forward firmly and rotate. See Image 3.

Escape reversibility

To reverse escape function remove follower plate from lock as shown in Image 3 and Insert it on the opposite side of lock. (Apartment lock only)

Certification and test reports available upon request

The products CPR Declaration of Performance can be obtained by visiting the following website link: <http://www.hoppe.co.uk/service/dop-certificates/>



Attention

For use on 30 minute fire doors, a 1mm thickness intumescent kit (including strike piece) must be fitted. For 60 minute fire doors, a 1mm thickness intumescent kit and 2mm thickness strike piece must be fitted. For 90/120 minute fire doors, a 2mm thickness intumescent kit (including strike piece) must be fitted. Failure to do so will invalidate the CE Marking, Fire test evidence & Certifire certification on this product.



Product maintenance instructions




- A. Inspect and operate the emergency exit device to ensure that all components are in a satisfactory working condition. Using a force gauge, measure and record the operating forces to release the exit device.
- B. Ensure the keeper(s) is (are) free from obstruction.
- C. Check that the emergency exit device is lubricated in accordance with the producer's instructions.
- D. Check that no additional locking devices have been added to the door since its original installation.
- E. Check periodically that all components of the system are still correct in accordance with the list of approved components originally supplied with the system.
- F. Check periodically that the operating element is correctly tightened and, using a force gauge, measure the operating forces to release the exit device. Check that the operating forces have not changed significantly from the operating forces recorded when originally installed.



Essential Product Information

This product is suitable for use on Single Outward or Inward opening door leaves up to 54mm door thicknesses that are designated as Escape or exit route doors.
This product is suitable for use on timber or steel doors up to 2500mm height x 1300mm width (200kg door mass) with a fire resistance of up to 120 minutes (timber) and up to 240 minutes (steel).
This product meets the abuse requirements within EN 179:2008 of 1000 Newtons outwards force. Please ensure that the door has not distorted by any more than 5mm.
No reinforcements are required to be used with this exit device for fitting onto timber or steel doorsets.
Field of door application = Category B/D Category of Projection = Category 2

The safety features of this product are essential to its compliance with EN179:2008.
No modifications of any kind, other than those described in these instructions are permitted.
After Installation and on an annual basis apply multi-purpose grease to the latch bolt and keeper plate and if required spray a light machine oil or WD40 into the latch bolt opening.

									
20		21		APPROVED PRODUCT CF 530					
EN179 : 2008									
2812-CPR-ABB010		1121-CPR-UK-ABB7653		HOPPE (UK) LIMITED GAILEY PARK GRAVELLY WAY WOLVERHAMPTON ENGLAND WV10 7GW					
3	7	6	B	1	4	4	2	A	B
3	7	6	B	1	4	4	2	A	D
EN12209 : 2003									
2812-CPR-AG0067		1121-CPR-UK-AG7668							
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AR915-ESC & AR915

Euro Profile Mortice Escape Lock Square, Radiused Forend, 60mm Backset

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The complete range.



HOPPE® and ARRONE® Door Furniture suitable for use with ARRONE® AR915 Series 72mm Escape Lock

If the AR915 is being used for Escape/Exit door purposes, one of the following levers must be used to comply with the requirements of EN179:2008.

Lever reference	Lock reference	Lock reference
	AR915-ESC Escape Lock	AR915 Apartment Lock
Paris 138 / 42K	•	•
Paris 138S / 42K	•	•
Paris AR200S / 33-72	•	•
AR361 / 13-72	•	•
AR361 / 10-UN	•	•
AR361 / 60-UN	•	•
AR361 / 10-SP	•	•
AR361 / 60-SP	•	•
AR362 / 60-SP	•	•
AR461 / 13-72	•	•
AR461 / 10-SP	•	•
AR600 / 23-72	•	•
AR600 / 20 (K138/42)	•	•
Paris E138Z/849N (Quick fit)	•	
Paris E138Z / 42K (Quick fit)	•	
Marseille 1138 / 42K (Quick fit)	•	

For any applications requiring a half set of lever furniture, please use an AR914 / 915-HS-PLATE as indicated with an ARRONE half spindle AR228F. To fit plate:-

1. Insert plate into reverse side of lock, and ensure that lugs are pushed all the way into lock holes.
2. Insert lock into door, and ensure plate lugs line up with prepared bolt through fixing holes in door.
3. Insert half spindle and locate into follower of lock. (Half spindle locates through follower)
4. Fit lever handle and use bolt through fixings provided to tighten rose to door.
5. Operate lever handle to ensure no friction or excessive movement on lever or rose and make adjustments where necessary.

Installation and fitting instructions

The following shall be the minimum information and installation guidance to accompany the emergency exit device:

1. The producer shall specify the appropriate fixing arrangements for the door types for which the exit device is designed.
2. Before fitting an exit device to a door, the door should be checked to ensure correct hanging and freedom from binding. It is not recommended, for example, that exit devices be fitted to hollow core doors unless specially designed by the producer for this type of doors. It is recommended to verify that the door construction allows the use of the device, i.e. to verify that offset hinges and engaging leaves allow both leaves to be opened simultaneously, or to verify that the gap between door leaves does not differ from that defined by the exit device producer, or to verify that the operating elements do not interfere, etc.
NOTE Emergency exit devices manufactured in accordance with this European Standard will provide a high degree of safety and reasonable security provided that they are fitted to doors and door frames that are in good condition.
3. Before fitting an emergency device to a fire/smoke resisting door, the fire certification of the fire door assembly on which the exit device has been tested to prove suitability for use on a fire door should be examined. It is of utmost importance that an exit device is not used on a fire door assembly of a greater fire resistance time than approved for.
4. Care should be taken to ensure that any seals or weather-stripping fitted to the complete door assembly, do not inhibit the correct operations of emergency exit device.
5. On double doorsets with rebated meeting styles and where both leaves are fitted with emergency devices, it is essential to check that either leaf will open when its emergency exit device is activated and also that both leaves will open freely when both emergency exit devices are operated simultaneously.
The use of a carry bar to move the active leaf may be required for this application.
6. Where emergency exit devices are manufactured in more than one size, it is important that the correct size is selected.
7. Category 2 (standard projection) emergency exit devices should be used in situations where there is restricted width for escape, or where the doors to be fitted with the emergency exit devices are not able to open beyond 90°.
8. Where an emergency exit device is designed to be fitted to a glazed door, it is essential that the glazing is tempered or laminated glass.
9. Different fixing can be necessary for fitting emergency exit devices to wood, metal or frameless glass doors. For more secure fixing, male and female through-door bolts, reinforcement and rivets can be used.
10. Emergency exit devices are not intended for use on double action (double swing) doors unless specifically designed by the exit device producer.
11. The fixing instructions should be carefully followed during installation. These instructions & any maintenance instructions should be passed on by the installer to the user.
12. The operating element should normally be installed at a height of between 900mm and 1100mm from the finished floor level, when the door is in the secured position.
Where it is known that the majority of the users of the premises will be young children, consideration should be given to reducing the height of the operating element.
13. When installing lever operated emergency exit devices, particularly on doors with raised or recessed surfaces, consideration should be given to minimizing any potential safety risks, such as the trapping of fingers or clothing.
14. The bolt heads and keepers should be fitted to provide secure engagement. Care should be taken to ensure that no projection of the bolt heads, when in the withdrawn position, can prevent the door swinging freely.
15. Where emergency devices are to be fitted to double doorsets with rebated meeting styles and self closing devices, a door coordinator device in accordance with EN1158 should be fitted to ensure the correct closing sequence of the doors. This recommendation is very important with regards to smoke/fire-resisting assemblies.
16. No devices for securing the door in the closed position should be fitted other than that specified in this European Standard. This does not preclude the installation of self-closing devices.
17. If a door closing device is to be used to return the door to the closed position, care should be taken not to impair the use of the doorway by the young, elderly and infirm.
18. Any keepers or protection plates provided should be fitted in order to ensure compliance with this European Standard.
19. A sign which reads "Rotate handle to open" or "Push to open" as appropriate, or a pictogram should be provided on the inside face of the door immediately above the operating element or on the operating element if it has a sufficient flat face to take the size of lettering required. For type "B" emergency exit devices intended for use on inwardly opening exit doors, a sign which reads "Rotate handle and pull to open" or "Pull to open" or a pictogram should be provided on the inside face of the door immediately above or on the pull pad if it has a sufficient flat face to take the size of lettering required. The surface area of the pictogram should be not less than 8 000mm² and its colours should be white on a green background. It should be designed such that the arrow points to the operating element, when installed.