



# UNION Optimus<sup>3</sup> Specification Mortice Lock Range



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in door opening solutions



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## Introducing the new Optimus<sup>3</sup> specification mortice lock range from UNION

UNION's new specification range of modular Euro-profile lockcases is specifically designed for areas where high performance and aesthetics are critical. The DIN style locks accept Euro-profile cylinders and feature 72mm centres, a 60mm backset and a 20mm single throw deadbolt.

A comprehensive range of lockcase functions cover the most popular specifications including sashlock, deadlock, mortice latch, deadlocking nightlatch, bathroom lock and an emergency escape lock – all of which include a 10 year guarantee.

A choice of radiused and square forends are available across the Optimus<sup>3</sup> range with a choice of either satin stainless steel or PVD polished brass finishes, a splinter guard box is provided with the strike as standard for a professional level of finishing once installed.

Cast steel latches and deadbolts with durable chrome plated finish feature as standard throughout the range, offering not only increased aesthetic appeal but also improved durability and strength.

Optimus<sup>3</sup> modular lock range has been successfully tested and fully conforms to BS EN 12209 (escape lock to EN 179) are CE marked, and Certifire approved. The dimensions of the lock case assist in fulfilling requirements and duties required under the Equality Act by satisfying the recommendations of BS 8300 and Approved Document M.



APPROVED PRODUCT  
CF5059

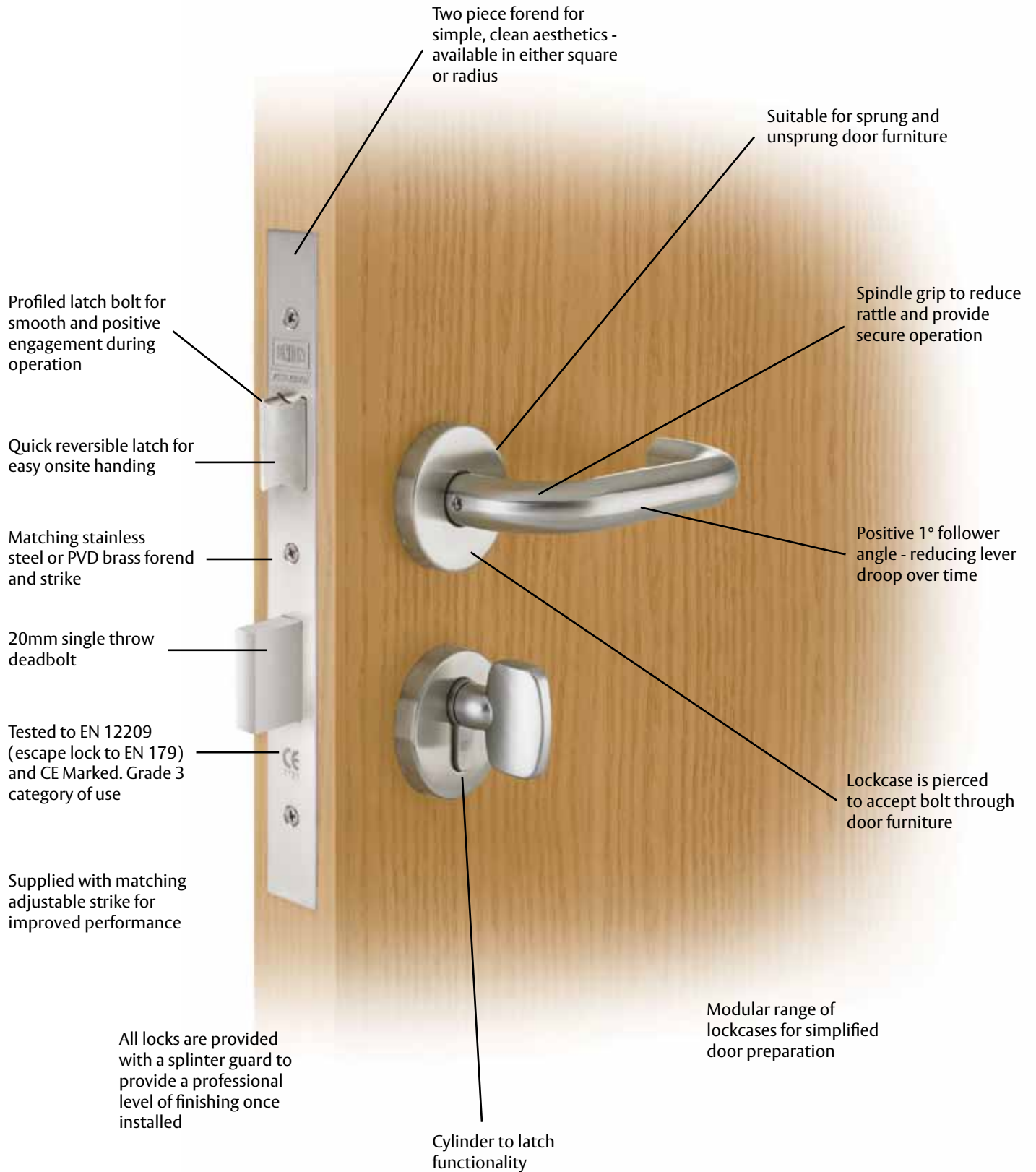
### Features and benefits

<b>60mm backset</b>	Satisfies the recommendations of BS8300 and Approved Document M
<b>Modular range of lockcases</b>	For quicker and easier door preparation
<b>Two piece forend</b>	Covers the cylinder returning screw and allows just the outer forend to be removed when the doors are being painted or stained
<b>Quick reversible latch</b>	Easy on-site handing with no need to open the case
<b>Adjustable strike</b>	For improved performance and adjustment once installed to alleviate snagging
<b>Splinter guard</b>	Provides a professional level of finishing once installed
<b>Sprung latch</b>	Suitable for use with sprung and unsprung furniture
<b>Profiled latch bolt</b>	Provides smooth and positive operation
<b>20mm single throw deadbolt</b>	Provides enhanced security and ease of operation
<b>Spindle grip feature</b>	Reduces rattle and provides a secure grip of spindle for positive operation
<b>Positive 1° follower angle</b>	Helps maintain the appearance of the door furniture over time by reducing lever droop
<b>Cylinder to latch functionality</b>	Latch and deadbolt can both be withdrawn by thumbturn or cylinder key
<b>Square or radius forend and strike</b>	Choice for either onsite installation or factory fitting with CNC machinery
<b>Matching satin stainless steel or PVD brass forend and strike</b>	Complements contemporary interiors
<b>Pierced through cases</b>	Accepts bolt through furniture and escutcheons with 38mm centres
<b>Fully tested to EN 12209 (escape lock to EN 179)</b>	CE Marked Grade 3 category of use - for high frequency of use by the public where there is little incentive to exercise care and where there is a high chance of misuse, eg doors in public buildings



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# Optimus <sup>3</sup>



Profiled latch bolt for smooth and positive engagement during operation

Quick reversible latch for easy onsite handing

Matching stainless steel or PVD brass forend and strike

20mm single throw deadbolt

Tested to EN 12209 (escape lock to EN 179) and CE Marked. Grade 3 category of use

Supplied with matching adjustable strike for improved performance

All locks are provided with a splinter guard to provide a professional level of finishing once installed

Two piece forend for simple, clean aesthetics - available in either square or radius

Suitable for sprung and unsprung door furniture

Spindle grip to reduce rattle and provide secure operation

Positive 1° follower angle - reducing lever droop over time

Lockcase is pierced to accept bolt through door furniture

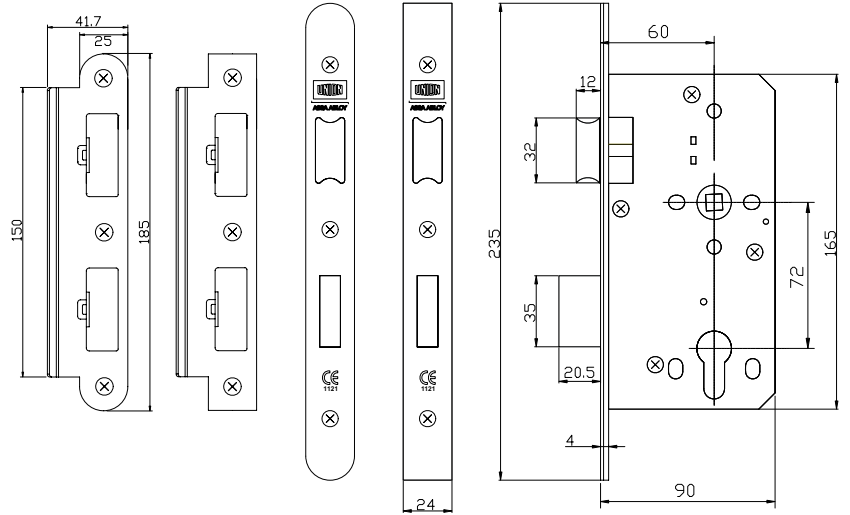
Modular range of lockcases for simplified door preparation

Cylinder to latch functionality

# Technical Data



Sashlock



Tested to BS EN 12209:2003

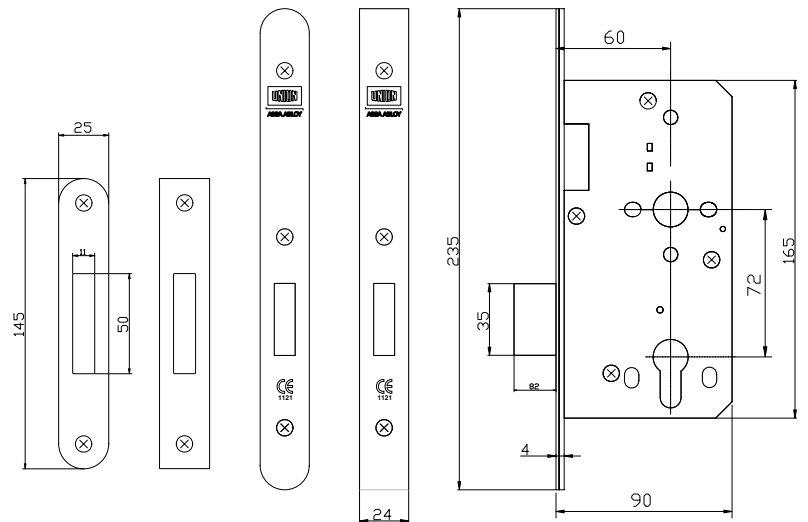
3	X	8	1	0	G	3	B	A	2	0
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**JL2E21S-SS60** Euro Profile Cylinder Mortice Sashlock - square

**JL2E21R-SS60** Euro Profile Cylinder Mortice Sashlock - radius



Deadlock



Tested to BS EN 12209:2003

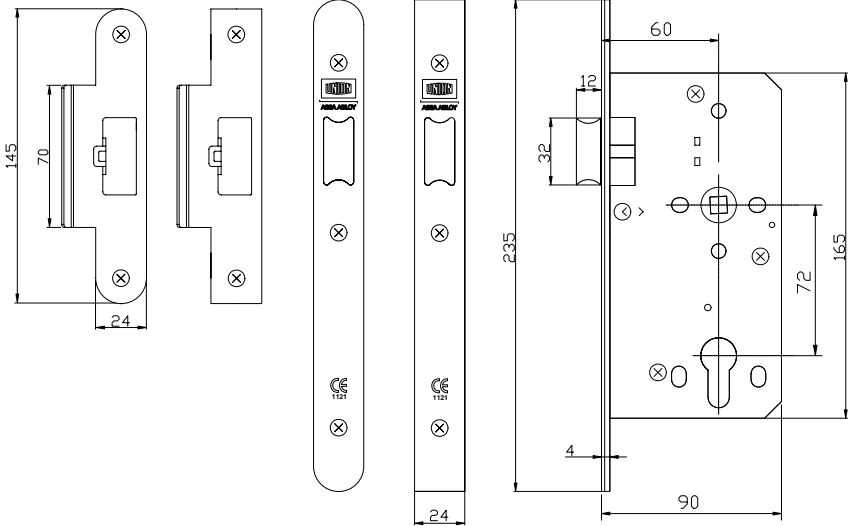
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**JL2E22S-SS60** Euro Profile Cylinder Mortice Deadlock - square

**JL2E22R-SS60** Euro Profile Cylinder Mortice Deadlock - radius



Mortice Latch



Tested to BS EN 12209:2003

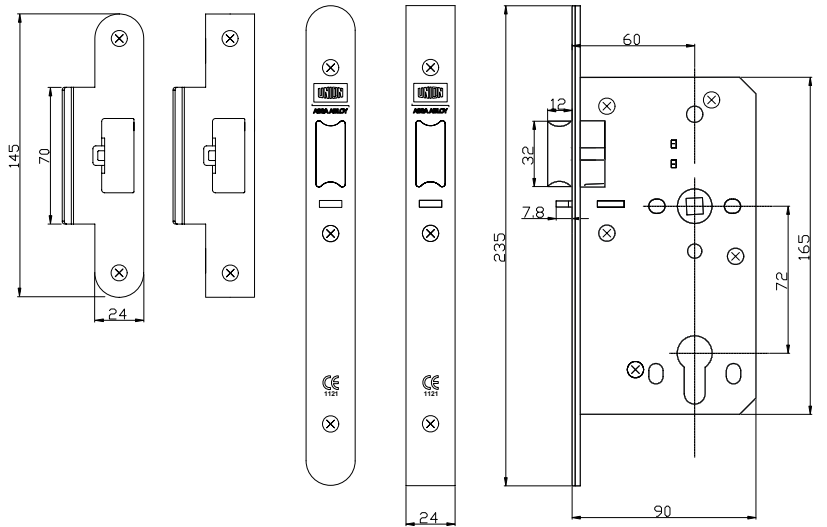
3	X	8	1	0	G	-	B	0	2	0
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**J2E23S-SS60** Mortice Latch - square

**J2E23R-SS60** Mortice Latch - radius



Deadlocking Night Latch



Tested to BS EN 12209:2003

3	X	8	1	0	G	1	B	B	2	0
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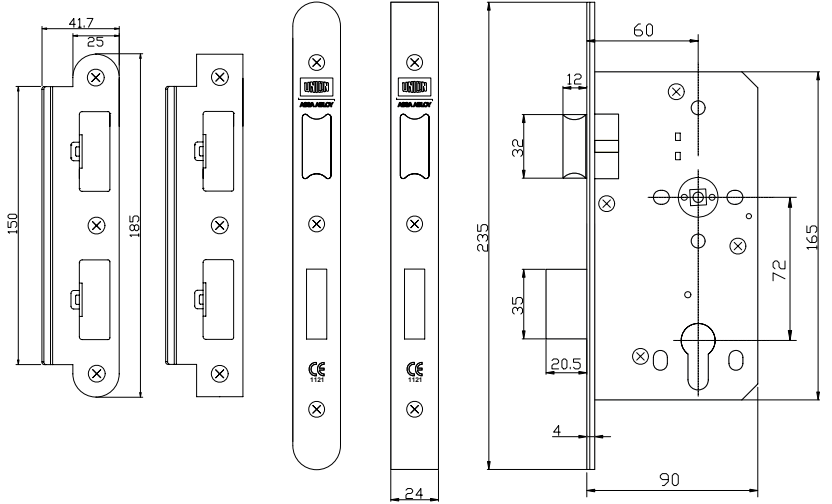
**JL2E25S-SS60** Deadlocking Night Latch - square

**JL2E25R-SS60** Deadlocking Night Latch - radius

# Technical Data



Escape Lock



Tested to BS EN 179:2008

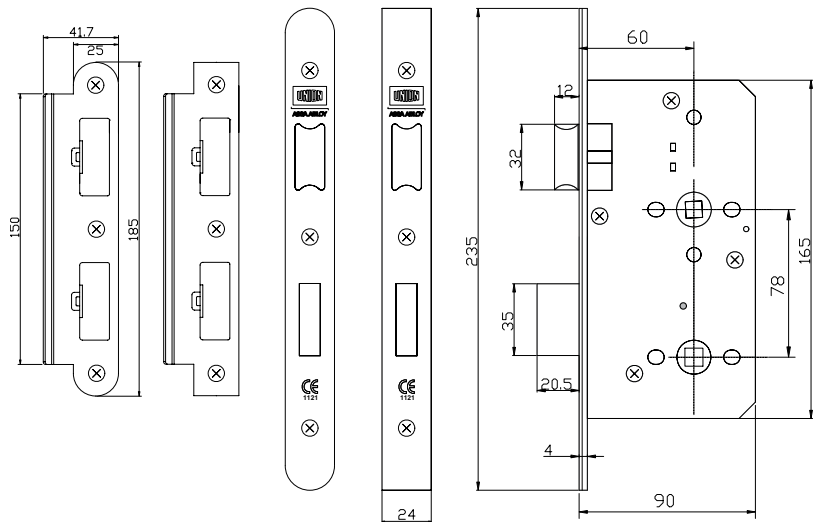
3	7	6	B	1	3	4	2	A	D
3	7	6	B	1	3	4	2	A	B

**JL2E26S-SS60** Escape Lock - square

**JL2E26R-SS60** Escape Lock - radius



Bathroom Lock



Tested to BS EN 12209:2003

3	X	8	1	0	G	-	B	G	2	0
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**J2E27S-SS60** Mortice Bathroom Lock - square

**J2E27R-SS60** Mortice Bathroom Lock - radius

Bathroom follower is 8mm and is supplied with a 5mm adaptor to allow turn and release with either 8mm or 5mm spindles.

# Get a smart handle on access control



**Introducing Codehandle from UNION - attractively designed lever furniture with integral digital keypad providing simple, effective access control.**

For simple, effective key-less locking/unlocking of interior doors in all light commercial and residential environments where the convenience of access control is the main priority. Codehandle is the ideal solution for most restricted access areas, private offices, storerooms, cupboards, etc.

## **Attractive design and easy to fit**

In aesthetic environments Codehandle is a more attractive, compact option to bulky keypads. Further, it is so easy to fit - no wires, cables, drilling or special fitting is required.

## **Features and functions**

- 9 user codes and 1 master code – can be changed unlimitedly
- 2 no. CR2, 3V lithium batteries provide approx. 100,000 operations
- Entering an incorrect code 5 times blocks handle for 3 minutes
- Manual or automatic locking
- Low battery indicator when 500 operations remain
- Visual and acoustic feedback
- 3rd party tested to EN1906
- Included in a successful fire test to EN1634-1
- E-locking packs also available
- Can be used with Optimus<sup>3</sup> sashlock and deadlocking night latch

## **Finish**

Satin stainless steel with satin chrome trim

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

As the world's leading lock group, ASSA ABLOY offers a more complete product range of door opening solutions than any other company on the market.

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