Euro Mortice Lock

MD7200/MD8500/MB7200/MB8500 SERIES

EN12209 SPECIFICATION

UNISON HARDWARE, INC.
www.inoxproducts.com

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Mechanically operated locks, latches and locking plates EN12209: 2003

SCOPE

This standard covers requirements and test methods for all types of mechanical lock or latch (including associated or separately supplied locking plates) intended for use on pedestrian doors in buildings but excludes electro-mechanically operated locks and striking plates, multi-point locks and their locking plates, locks for windows, padlocks, locks for safes, furniture locks and prison locks.

CLASSIFICATION

EN12209 classifies mechanically operated locks, latches and locking plates using an 11 digit coding system. This has proved necessary in order to provide a proper assessment of all the varied features of products for specific markets within Europe. It should be noted that to avoid a greater proliferation of boxes, certain features have been "doubled up": e.g. durability and durability with side load; door mass and closing force; corrosion resistance and temperature resistance. The system is comprehensive but it has led to the use of letters (rather than numbers) in certain boxes, since there can only be one digit in each classification box. A similar classification system applies to all building hardware product standards (at least for the first 7 boxes) to aid meaningful comparisons with related products.

INOX® MD7210/MD8510/MB7210/ MB8510 are tested and certified to the following classification

MD7210 / MD8510 Sashlocks

3	X	8	1	0	G	3	B	C	2	0

MB7210 / MD8510 Sashlocks

3	S	7	1	0	G	3	B	C	2	0

EN12209: 2003

Digit 1
Category of use

Three categories of use are identified:
- grade 1: low frequency of use by people with a high incentive to exercise care and a small chance of misuse, e.g. internal residential doors.
- grade 2: medium frequency of use by people with some incentive to exercise care but where there is some chance of misuse, e.g. internal office doors.
- grade 3: high frequency of use by public or others with little incentive to exercise care and with a high chance of misuse, e.g. public doors.

Digit 2
Durability

Twelve grades are identified with minimum figures for deadbolt and snib operation, and latch bolt operation with and without side load, as shown. The side load is applied to the latch bolt when is is being withdrawn.

Increasing side load →		No side load	10N side load	25N side load	50N side load	120N side load
↑ No of operations	200,000 test cycles	Grade C	Grade H	Grade M	Grade S	Grade X
	100,000 test cycles	Grade B	Grade G	Grade L	Grade R	Grade W
	50,000 test cycles	Grade A	Grade F			

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Digit 3
Door mass and closing force

Nine grades are identified with maximum figures for closing force at various door masses as shown.
Note: closing force is from a standing start: i.e. fully extended latch bolt in contact with striking plate at start of test.

Maximum closing force	up to 100kg	Door mass up to 200kg	above 200kg
15N	Grade 7	Grade 8	Grade 9
25N	Grade 4	Grade 5	Grade 6
50N	Grade 1	Grade 2	Grade 3

Digit 4
Fire resistance

Two grades are identified:
- grade 0: not approved for use on fire/smoke door assemblies
- grade 1: suitable for use on fire/smoke door assemblies tested to EN 1634-1 etc.

Note 1. A grade 1 classification means only that the lock has been designed for use on fire/smoke control doors; the actual fire performance achieved (e.g. fire integrity of 30 minutes on a partially glazed timber door etc.) will be contained in a separate fire test report.

Note 2. Where a product is intended for fire/smoke door use (i.e. a "1" in box 4), it must be possible to demonstrate compliance with the Essential Requirements of the Construction Products (Amendments) Regulations. It is recommended that the product should bear the CE mark (see section on CE marking).

Digit 5
Safety

No requirement, but note: a lock or latch conforming to this standard can, at the same time, also be part of an exit device conforming to EN 179 or EN 1125.

Digit 6
Corrosion resistance

Eight grades are identified with neutral salt-spray (NSS) corrosion resistance grades from EN 1670: 1998, with and without temperature resistance as shown:

Corrosion resistance	Temperature resistance	
(NSS)	No requirement	-20°C to + 80°C
240 hours	grade D	grade G
96 hours	grade C	grade F
48 hours	grade B	grade E
24 hours	grade A	
No requirement	grade 0	

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Successfully passed and exceeded 240-minutes fire test of metal fire door assemblies to EN1634-1: 2014

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Digit 7
Security and drill resistance

Seven grades are identified with minimum figures for requirements relating to physical attack, with or without drilling of the lockcase, as shown:

	No drilling requirement	Drilling requirement
Increasing resistance to attack ↑	grade 6	grade 7
	grade 4	grade 5
	grade 3	
	grade 2	
	grade 1	

Digit 8
Field of door application

Grade	Type	Application 1	Application 2	Application 3
A	Mortice	Unrestricted application		
B	Mortice	Hinged door		
C	Mortice	Sliding door		
D	Rim	Unrestricted application		
E	Rim	Hinged door		
F	Rim	Sliding door		
G	Bored lock	Unrestricted application		
H	Mortice	Hinged door	Supported	
J	Rim	Hinged door	Inwards	
K	Mortice	Hinged door		Locked from inside
L	Mortice	Sliding door		Locked from inside
M	Rim	Hinged door		Locked from inside
N	Rim	Sliding door		Locked from inside
P	Mortice	Hinged door	Supported	Locked from inside
R	Rim	Hinged door	Inwards	Locked from inside

Digit 9
Type of key operation and locking

Nine grades are identified for differing types of key operation. The grading determines how the lock is assessed for deadlocking requirement as shown. In addition, there is a maximum key torque operating requirement of 1.5 Nm and a minimum key strength requirement of 2.5 Nm:

- grade 0: not applicable;
- grade A: cylinder lock or latch; manually locking;
- grade B: cylinder lock or latch; automatically locking;
- grade C: cylinder lock or latch; manually locking with intermediate locking;
- grade D: lever lock or latch; manually locking;
- grade E: lever lock or latch; automatically locking;
- grade F: lever lock or latch; manually locking with intermediate locking;
- grade G: lock or latch without key operations; manually locking;
- grade H: lock without key operation; automatically locking.

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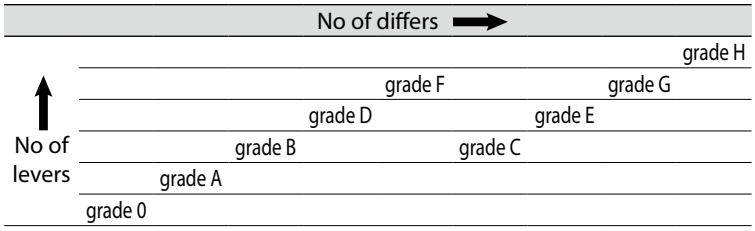
Digit 10
Type of spindle operation

Five grades are identified:
- grade 0: lock without follower
- grade 1: lock with sprung lever or knob
- grade 2: lock with light unsprung lever
- grade 3: lock with heavy unsprung lever
- grade 4: lock with manufacturer's own specification furniture

Digit 11
Key identification

Nine grades are identified relating to the number of differs and levers. Grade 0 relates to a latch with no locking action:



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CE CE MARKING

Mechanically operated locks and latches intended for use on fire/smoke control doors within the EEA are covered by a Construction Products Directive mandate issued by the European Commission. Consequently, this standard is regarded as "harmonised" and compliance with it, supported by suitable evidence, allows for the application of the CE mark.

As such, locks and latches have a critical safety function. Application of the CE mark will require the involvement of a notified body to provide verification of the compliance claims. This involves initial type testing of the product to EN 12209 and EN 1634-1, initial inspection of the manufacturer's factory production control and continuing surveillance and approval of the factory production control. On satisfactory fulfillment of these tasks, the notified body issues an EC Certificate of Conformity which then permits the manufacturer to declare compliance and affix the CE mark to his product.

certifire CERTIFIRE SCHEME

CERTIFIRE is an independent third party certification scheme by Warrington Certification Limited (Part of Exova) that assures performance, quality, reliability and traceability of fire protection products. Recognised by regulatory authorities worldwide, it is an internationally respected mark of fire safety and one of the most authoritative in the industry.

MANUFACTURERS - For manufacturers of fire protection products and systems, **CERTIFIRE** offers the opportunity to differentiate products and processes from non certified equivalents thus helping to access markets worldwide.

SPECIFIERS - For architects, specifiers, contractors and building owners **CERTIFIRE** provides assurance that fire protection products and systems correctly installed will perform as required, therefore avoiding costly mistakes and dramatically reducing risk.

The importance of schemes like CERTIFIRE is recognised in Approved Document B of the Building Regulations (ADB). The document makes a clear recommendation for the use of third party certificated products and systems.

We proudly announce that INOX MD / MB Series Mortice Locks are certified to CE and Certifire scheme by Warrington Certification Limited (UK)
Certifire listing information can be found at http://www.warringtoncertification.com/certifire/locks-and-latches.html

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How to Order

Product Identification

MD72 10 -55 R -32D -FW20

Faceplate Width:
Blank = Standard 24mm
(Standard 23mm for MB8500 Series)
FW20 = 20mm

Faceplate and Strike Finish:
32D = Satin Stainless Steel
32= Bright Polished Stainless Steel
PVD3 = PVD Bright Polished Brass on SS

Faceplate Corner:
Blank = Square Corner
R = Radius Corner

Backset:
40 = 40mm Backset (for MB8500 Series only)
45 = 45mm Backset (for MB8500/MD8500 Series only)
50 = 50mm Backset (MB8500/MD8500 Series only)
55 = 55mm Backset (for MB7200/MD7200 Series only)
60 = 60mm Backset
65 = 65mm Backset (for MD7200 Series only)

Function:
10 = Sashlock/Entry
20 = Latch/Passage
30 = Deadlock/Communicating
40 = Bathroom/Privacy (for MB7200/MD7200 Series only)
50 = Nightlatch/Storeroom (for MB7200/MD7200 Series only)
60 = Emergency/Escape Entry (for MD7200 Series 60mm Backset only)
70 = Roller Latch (for MD7200/MB8500 Series only)
80 = Classroom (for MD7200 Series only)
90 = Anti-thrust Nightlatch (for MD7200 Series only)

Lock Series:
MD72 = MD7200 Series Heavy Duty Mortice Locks 72mm center
MD85 = MD8500 Series Heavy Duty Mortice Locks 85mm center
MB72 = MB7200 Series Contract/Residential Mortice Locks 72mm center
MB85 = MB8500 Series Contract/Residential Mortice Locks 85mm center

Mortice Lock MD7200 Series

Application

INOX MD7200 Series Mortice Lock is designed for high frequency usage applications such as public access buildings where deliberate abuse likely takes place

Specifications and Features

- Modular case across functions for rapid door prepping and installation
- 72mm centers, backset in 50/55/60/65mm
- 8mm follower with spindle gripping function
- Reversible latchbolt in solid stainless steel
- Double throw deadbolt in solid stainless steel with 20mm projection
- Suitable for sprung and most un-sprung lever furniture
- Stainless steel faceplate and strike in square and radius version (radius version improves door prep efficiency with machine routing)
- Compatible with bolt through furniture and escutcheons of 38mm centers

Standards and Certification

Successfully type-tested for conformity to all of requirement of EN12209: 2003

Successfully passed and exceeded 240-minutes fire test of metal fire door assemblies to EN1634-1: 2014

CE Declaration of Conformity available upon request

Meets the dimensional recommendations of BS8300 and Approved Document "M"

INOX MD7200 series locks are approved by Certifire.* Certifire No. CF5373

All EN/CE/Certifire tests performed independently and certified by Exova/ Warrington Fire/Warrington APT. Test report/ certificate are available upon request.

* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

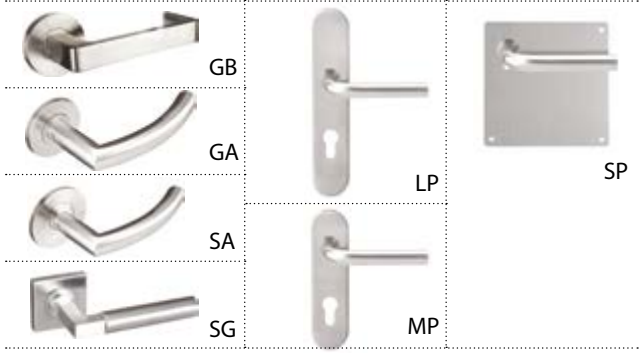
Forend and Strike Finishes

32D
(630) Satin Stainless Steel

Matching finish on latchbolt and deadbolt

*Other finishes available upon request

Trim Options:



Lever Options

Suitable with any INOX lever design

* Please refer to INOX EN Lever Handle catalogue for more detail on Lever and Trim options

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Mortice Lock MD7200 Series

Available Functions

MD7210

Function

Sashlock/Entry

Application

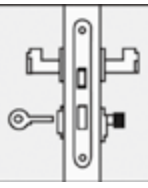
Suitable for latched doors requiring deadbolt locking security.

EN12209:2003 Classification

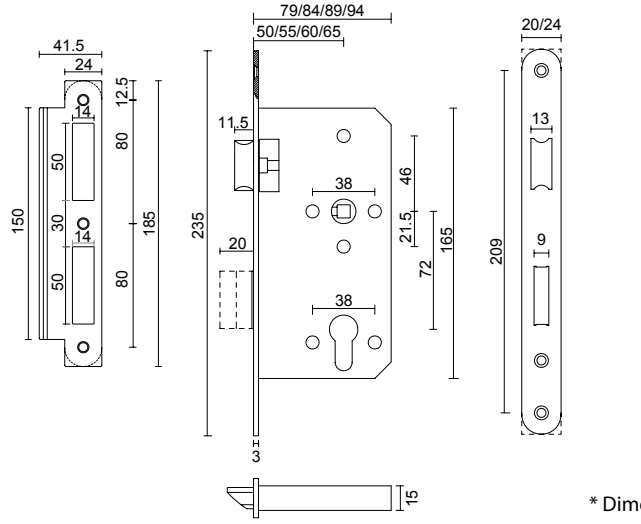
3	X	8	1	0	G	3	B	C	2	0

Illustration

From outside:
Key operates deadbolt and latchbolt. Handle retracts latchbolt.



From inside:
Key or thumbturn operates deadbolt and latchbolt. Handle retracts latchbolt.



MD7220

Function

Latch/Passage

Application

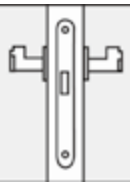
Suitable for latched doors remaining unlocked at all times.

EN12209:2003 Classification

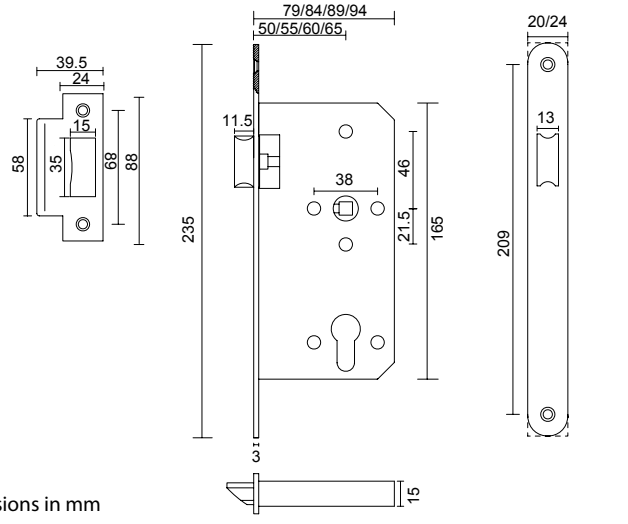
3	X	8	1	0	G	-	B	0	2	0

Illustration

From outside:
Handle retracts latchbolt.



From inside:
Handle retracts latchbolt.



* Dimensions in mm

Mortice Lock MD7200 Series

Available Functions

MD7230

Function

Deadlock/Communicating

Application

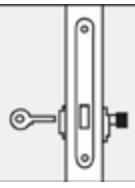
Suitable for unlatched doors with deadbolt locking security.

EN12209:2003 Classification

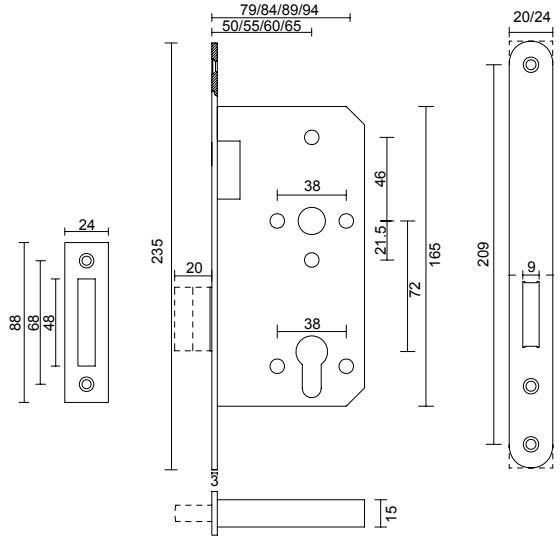
3	X	8	1	0	G	3	B	C	0	0

Illustration

From outside:
Key operates deadbolt.



From inside:
Key or thumb-turn operates deadbolt.



MD7240

Function

Bathroom/Privacy

Application

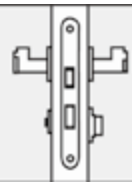
Suitable for bathroom door with deadbolt locking privacy. Emergency unlocking provided by coin release slot.

EN12209:2003 Classification

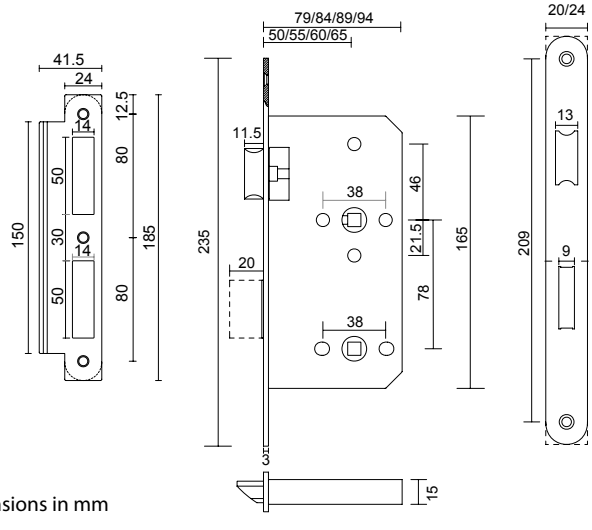
3	X	8	1	0	G	-	B	0	2	0

Illustration

From outside:
Handle retracts latchbolt only. Indicator shows whether deadbolt locking is enabled.



From inside:
Handle retracts latchbolt. Thumb-turn operates deadbolt.



* Dimensions in mm

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Mortice Lock MD7200 Series

Available Functions

MD7250

Function

Nightlatch/Storeroom

Application

Suitable for latched door with cylinder key operated access from outside and handle access from inside.

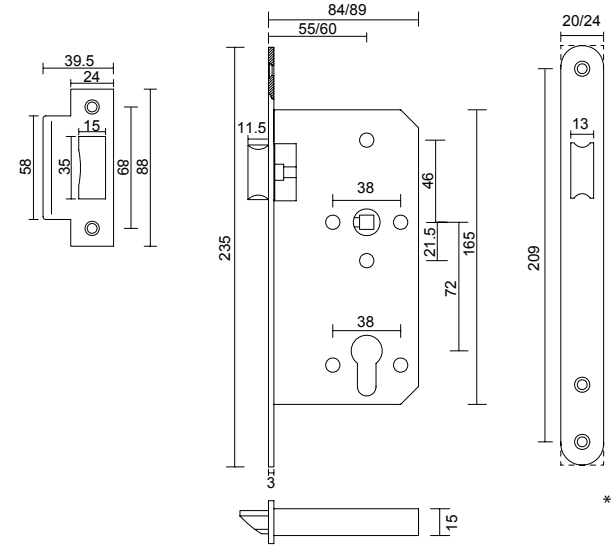
EN12209:2003 Classification

3	X	8	1	0	G	-	B	0	2	0

Illustration

From outside:
Key retracts latchbolt.
No handle is fitted.

From inside:
Handle retracts latchbolt.



MD7260

Function

Emergency/Escape Entry

Application

Suitable for escape doors requiring deadbolt locking security from outside, single lever action unlocking and door opening from inside.

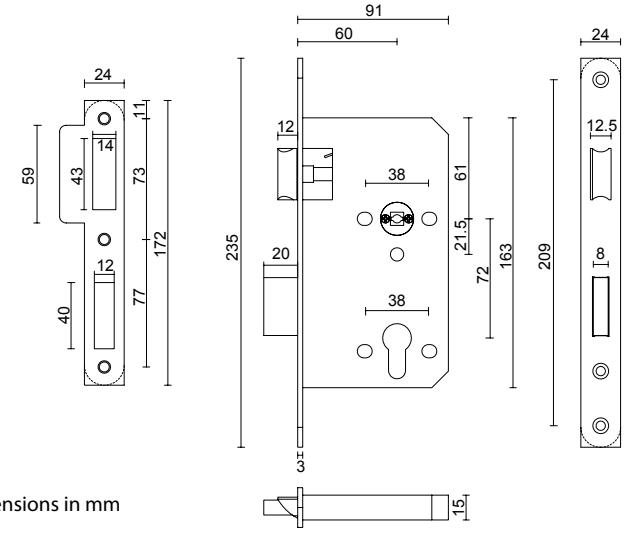
EN12209:2003 Classification

3	X	8	1	0	G	3	B	C	2	0

Illustration

From outside:
Key operates deadbolt and key or handle operates latchbolt.

From inside:
Key operates deadbolt and latchbolt.
Handle retracts deadbolt and latchbolt simultaneously.



* Dimensions in mm

Mortice Lock MD7200 Series

Available Functions

MD7270

Function

Roller Latch

Application

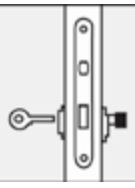
Suitable for doors requiring roller bolt latching. Security provided by deadbolt locking.

Classification

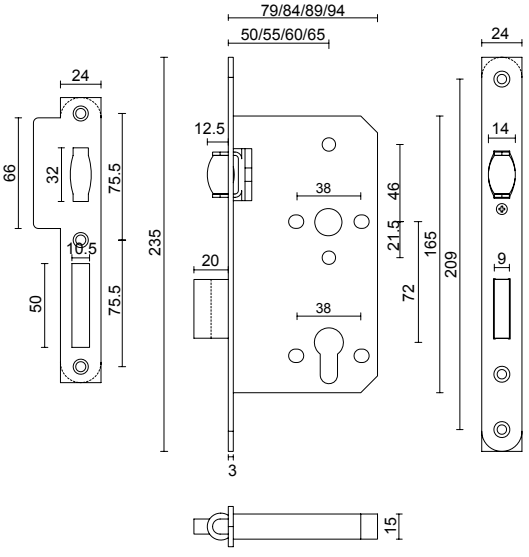
3	X	8	1	0	G	3	B	C	0	0

Illustration

From outside:
Key operates deadbolt.



From inside:
Key or thumb-turn operates deadbolt.



MD7280

Function

Classroom

Application

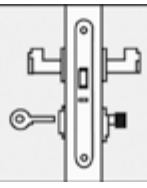
Suitable for doors with security provided by cylinder key locking outside handle. Inside handle always unlocks and opens door.

EN12209:2003 Classification

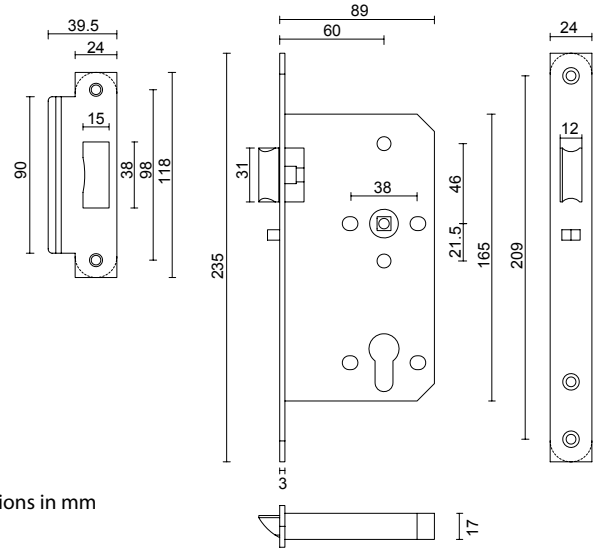
3	X	8	1	0	G	-	B	0	2	0

Illustration

From outside:
Key locks handle.
Handle retracts latchbolt when unlocked.



From inside:
Handle always retracts latchbolt.
Key or thumb-turn locks outside handle.



* Dimensions in mm

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Mortice Lock MD7200 Series

Available Functions

MD7290

Function

Anti-thrust Nightlatch

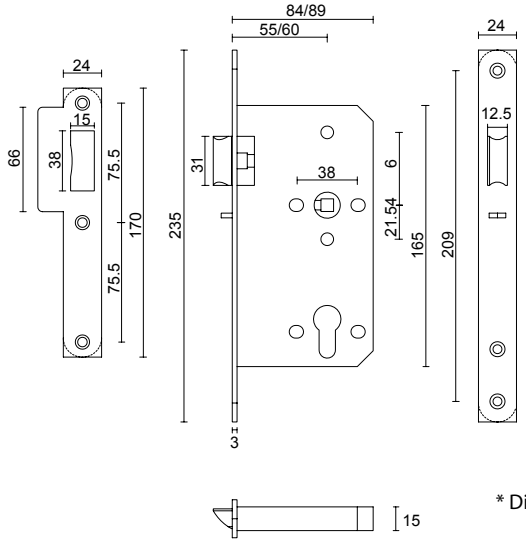
Application

Suitable for doors requiring simple security by blocked latchbolt.
Escape option provided by single lever action from inside.

EN12209: 2003 Classification

3	X	8	1	0	G	-	B	0	2	0

Illustration



* Dimensions in mm

Mortice Lock MD7200 Series

MD7210 Sashlock/Entry
72mm Center

50mm Backset: MD7210-50
55mm Backset: MD7210-55
60mm Backset: MD7210-60
65mm Backset: MD7210-65

MD7220 Latch/Passage
72mm Center

50mm Backset: MD7220-50
55mm Backset: MD7220-55
60mm Backset: MD7220-60
65mm Backset: MD7220-65

MD7230 Deadlock/ Communicating
72mm Center

50mm Backset: MD7230-50
55mm Backset: MD7230-55
60mm Backset: MD7230-60
65mm Backset: MD7230-65

MD7240 Bathroom/Privacy
78mm Center

50mm Backset: MD7240-50
55mm Backset: MD7240-55
60mm Backset: MD7240-60
65mm Backset: MD7240-65

MD7250 Nightlatch/ Storeroom
72mm Center

55mm Backset: MD7250-55
60mm Backset: MD7250-60

MD7260 Emergency/ Escape Entry
72mm Center

60mm Backset: MD7260-60

MD7270 Roller Latch
72mm Center

55mm Backset: MD7270-55
60mm Backset: MD7270-60
65mm Backset: MD7270-65

MD7280 Classroom
72mm Center

55mm Backset: MD7280-55
60mm Backset: MD7280-60

MD7290 Anti-thrust Nightlatch
72mm Center

55mm Backset: MD7290-55
60mm Backset: MD7290-60

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Mortice Lock MD8500 Series

Application

INOX MD8500 Series Mortice Lock is designed for high frequency usage applications such as public access buildings where deliberate abuse likely takes place

Specifications and Features

- Modular case across functions for rapid door prepping and installation
- 85mm centers, backset in 40/45/50/60mm
- 8mm follower with spindle gripping function
- Reversible latchbolt in solid stainless steel
- Double throw deadbolt in solid stainless steel with 20mm projection
- Suitable for sprung and most un-sprung lever furniture
- Stainless steel faceplate and strike in square and radius version (radius version improves door prep efficiency with machine routing)
- Compatible with bolt through furniture and escutcheons of 38mm centers

Standards and Certification

Successfully type-tested for conformity to all of requirements of EN12209: 2003

Successfully passed and exceeded 240-minutes fire test of metal fire door assemblies to EN1634-1: 2014

CE Declaration of Conformity available upon request

Meets the dimensional recommendations of BS8300 and Approved Document "M"

INOX MD7200 series locks are approved by Certifire.* Certifire No. CF5373

All EN/CE/Certifire tests performed independently and certified by Exova/ Warrington Fire/Warrington APT. Test report/ certificate are available upon request.

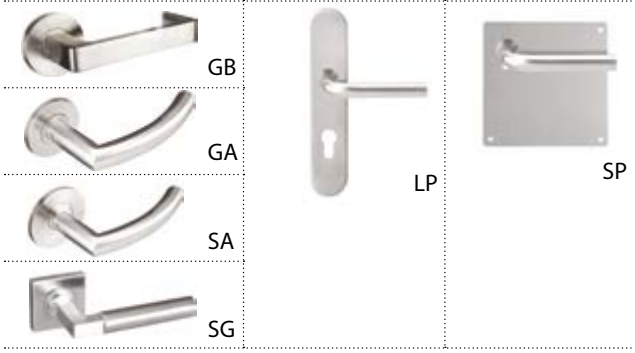
* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

Forend and Strike Finishes

32D
(630) Satin Stainless Steel

Matching finish on latchbolt and deadbolt
*Other finishes supplied upon request

Trim Options



Lever Options

Suitable with any INOX lever design

* Please refer to INOX EN Lever Handle catalogue for more details on Lever and Trim options

Mortice Lock MD8500 Series

Available Functions

MD8510

Function

Sashlock/Entry

Application

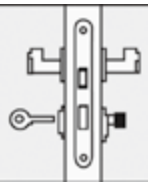
Suitable for latched doors requiring deadbolt locking security.

EN12209:2003 Classification

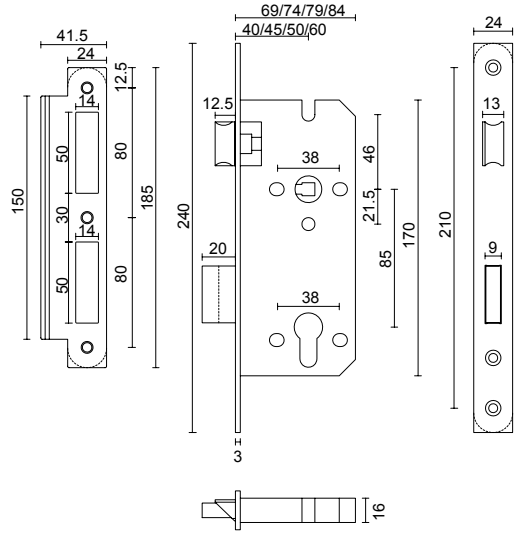
3	X	8	1	0	G	3	B	C	2	0

Illustration

From outside:
Key operates deadbolt and latchbolt. Handle retracts latchbolt.



From inside:
Key or thumbturn operates deadbolt and latchbolt. Handle retracts latchbolt.



MD8520

Function

Latch/Passage

Application

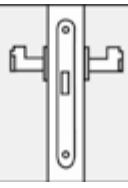
Suitable for latched doors remaining unlocked at all time.

EN12209:2003 Classification

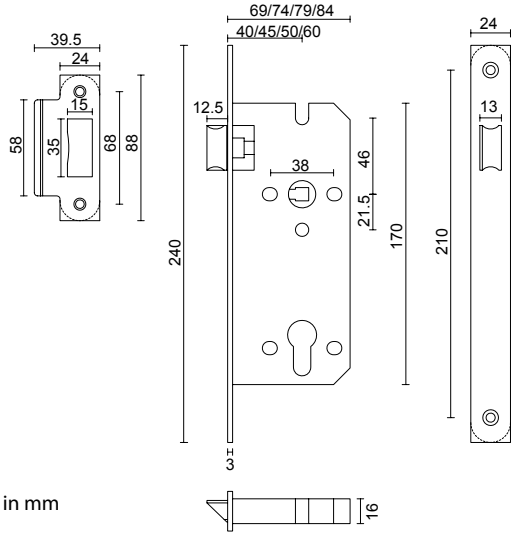
3	X	8	1	0	G	-	B	0	2	0

Illustration

From outside:
Handle retracts latchbolt.



From inside:
Handle retracts latchbolt.



* Dimensions in mm

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Mortice Lock MD8500 Series

Available Functions

MD8530

Function

Deadlock/Communicating

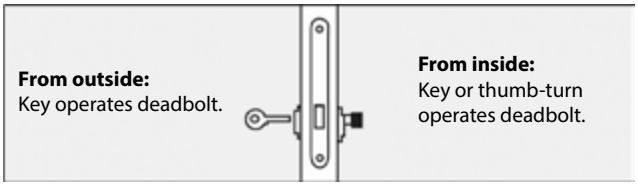
Application

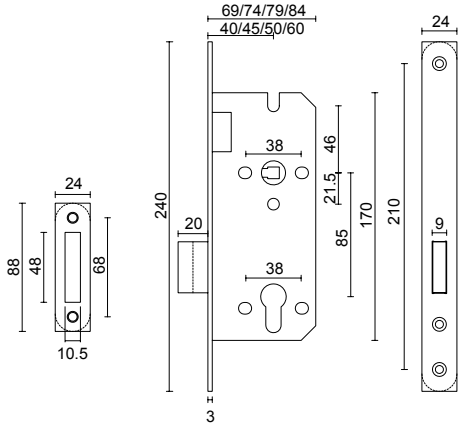
Suitable for unlatched doors with deadbolt locking security.

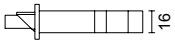
EN12209:2003 Classification

3	X	8	1	0	G	3	B	C	0	0

Illustration







* Dimensions in mm

Mortice Lock MD8500 Series

MD8510 Sashlock/ Entrance
85mm Center

40mm Backset: MD8510-40
45mm Backset: MD8510-45
50mm Backset: MD8510-50
60mm Backset: MD8510-60

MD8520 Latch/Passage
85mm Center

40mm Backset: MD8520-40
45mm Backset: MD8520-45
50mm Backset: MD8520-50
60mm Backset: MD8520-60

MD8530 Deadlock/ Communicating
85mm Center

40mm Backset: MD8530-40
45mm Backset: MD8530-45
50mm Backset: MD8530-50
60mm Backset: MD8530-60

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Mortice Lock MB7200 Series

Application

INOX MB7200 Series Mortice Lock is designed for frequent usage application such as commercial offices where potential misuse may take place

Specifications and Features

- Modular case across functions for rapid door prepping and installation
- 72mm center, backset in 55/60mm
- 8mm solid steel follower
- Easy reversible latchbolt in solid brass*
- Double throw deadbolt in solid steel with 20mm projection
- Suitable for sprung and light un-sprung lever furniture
- Stainless steel faceplate and strike in square and radius version (radius version improves door prep efficiency with machine routing)
- Compatible with bolt through furniture and escutcheons of 38mm centers

*Convenient reversibility without tools

Standards and Certification

Successfully type-tested for conformity to all of requirement of EN12209: 2003

Successfully passed and exceeded 240-minutes fire test of metal fire door assemblies to EN1634-1: 2014

CE Declaration of Conformity available upon request

Meets the dimensional recommendations of BS8300 and Approved Document "M"

INOX MD7200 series locks are approved by Certifire.* Certifire No. CF5373

All EN/CE/Certifire tests performed independently and certified by Exova/ Warrington Fire/Warrington APT. Test report/ certificate are available upon request.

* Certifire is an independent third party certification scheme that assures performance, quality and traceability of fire protection products

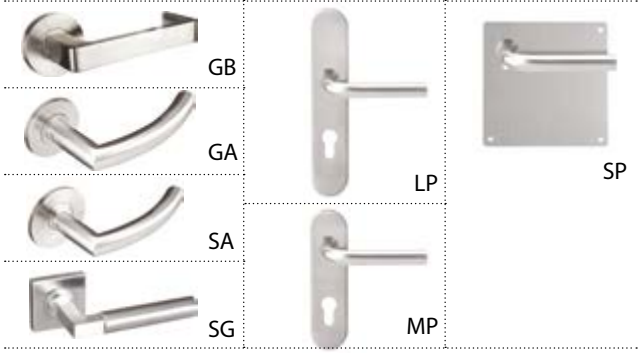
Forend and Strike Finishes

32D
(630) Satin Stainless Steel

Matching finish on latchbolt and deadbolt

*Other finishes available upon request

Trim Options:



Lever Options

Suitable with any INOX lever design

* Please refer to INOX EN Lever Handle catalogue for more detail on Lever and Trim options

Mortice Lock MB7200 Series

Available Functions

MB7210

Function

Sashlock/Entry

Application

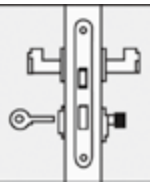
Suitable for latched doors requiring deadbolt locking security.

EN12209:2003 Classification

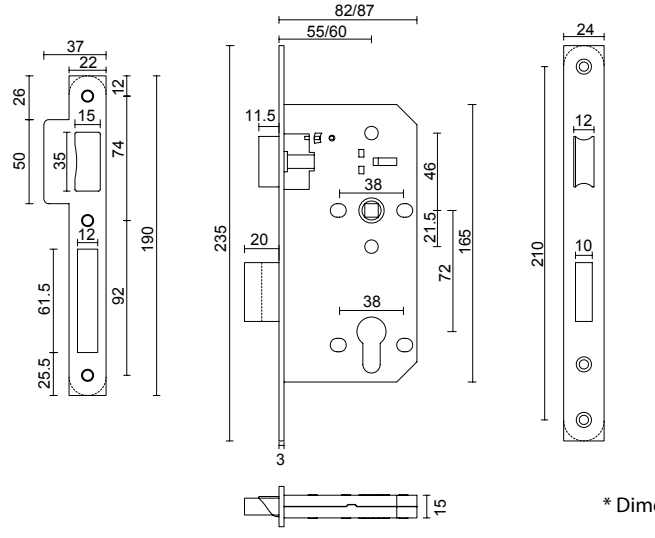
3	S	7	1	0	G	3	B	C	2	0

Illustration

From outside:
Key operates deadbolt and latchbolt. Handle retracts latchbolt.



From inside:
Key or thumbturn operates deadbolt and latchbolt. Handle retracts latchbolt.



MB7220

Function

Latch/Passage

Application

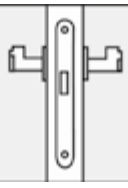
Suitable for latched doors remaining unlocked at all times.

EN12209:2003 Classification

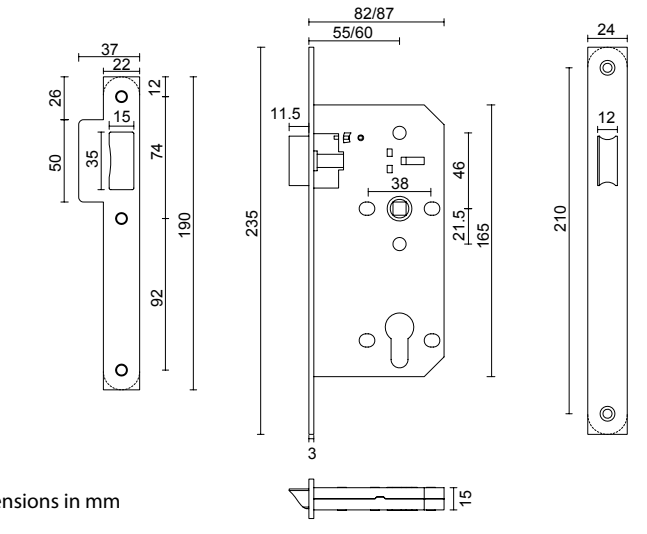
3	S	7	1	0	G	-	B	0	2	0

Illustration

From outside:
Handle retracts latchbolt.



From inside:
Handle retracts latchbolt.



* Dimensions in mm

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Mortice Lock MB7200 Series

Available Functions

MB7230

Function

Deadlock/Communicating

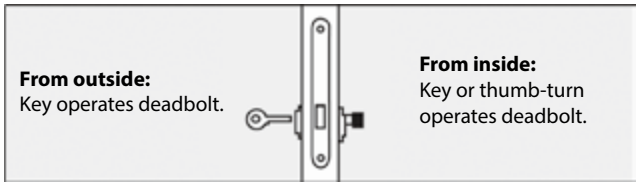
Application

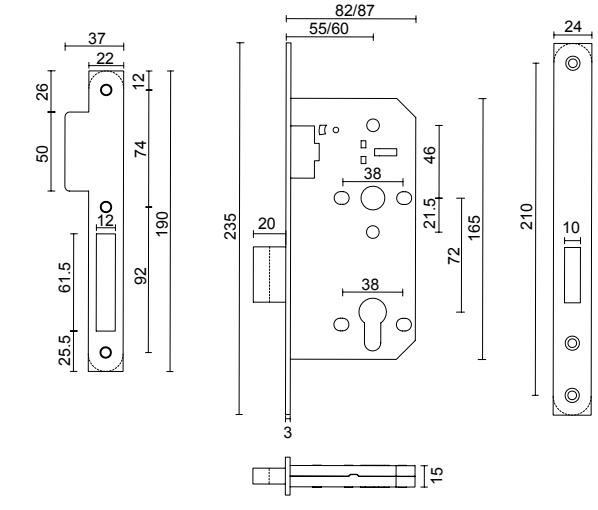
Suitable for unlatched doors with deadbolt locking security.

EN12209:2003 Classification

3	S	7	1	0	G	3	B	C	0	0

Illustration





MB7240

Function

Bathroom/Privacy

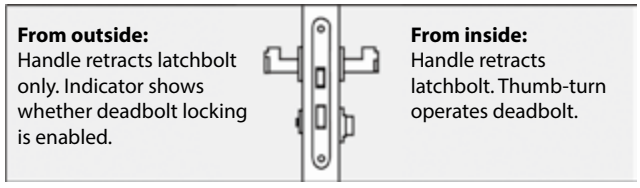
Application

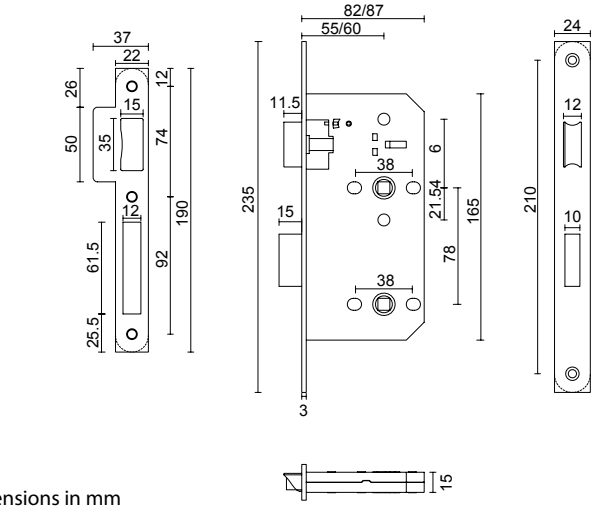
Suitable for bathroom door with deadbolt locking privacy. Emergency unlocking provided by coin release slot.

EN12209:2003 Classification

3	S	7	1	0	G	-	B	0	2	0

Illustration:





* Dimensions in mm

Mortice Lock MB7200 Series

Available Functions

MB7250

Function

Nightlatch/Storeroom

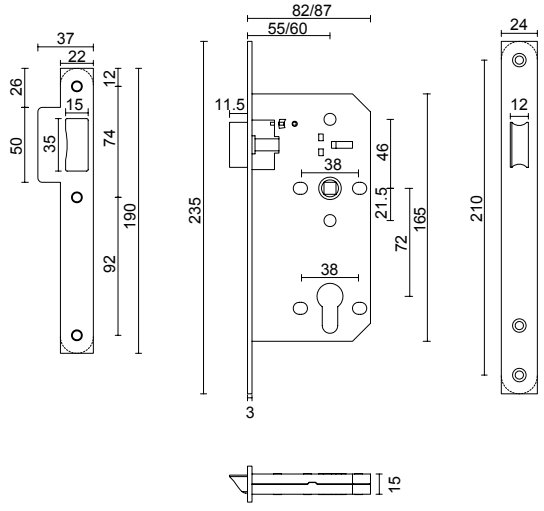
Application

Suitable for latched door with cylinder key operated access from outside and handle access from inside.

EN12209:2003 Classification

3	S	7	1	0	G	-	B	0	2	0

Illustration



* Dimensions in mm

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Mortice Lock MB7200 Series

MB7210 Sashlock/Entrance
72mm Center

55mm Backset: MB7210-55
60mm Backset: MB7210-60

MB7220 Latch/Passage
72mm Center

55mm Backset: MB7220-55
60mm Backset: MB7220-60

MB7230 Deadlock/ Communicating
72mm Center

55mm Backset: MB7230-55
60mm Backset: MB7230-60

MB7240 Bathroom/Privacy
78mm Center

55mm Backset: MB7240-55
60mm Backset: MB7240-60

MB7250 Nightlatch/Storeroom
72mm Center

55mm Backset: MB7250-55
60mm Backset: MB7250-60

Mortice Lock MB8500 Series

Application

INOX MB8500 Series Mortice Lock is designed for frequent usage application such as commercial offices where potential misuse may take place

Specifications and Features

- Modular case across functions for rapid door prepping and installation
- 85mm center, backset in 40/45/50/60mm
- 8mm sintered steel follower
- Easy* reversible latchbolt in Solid Brass
- Double throw deadbolt in solid steel with 20mm projection
- Suitable for sprung and light un-sprung lever furniture
- Stainless steel faceplate and strike in square and radius version (radius version improves door prep efficiency with machine routing)
- Compatible with bolt through furniture and escutcheons of 38mm center

*Convenient reversibility with no tools required

Standards and Certification

Successfully type-tested for conformity to all of requirement of EN12209: 2003

Successfully passed and exceeded 240-minutes fire test of metal fire door assemblies to EN1634-1: 2014

CE Declaration of Conformity available upon request

Meets the dimensional recommendations of BS8300 and Approved Document "M"

INOX MD7200 series locks are approved by Certifire.* Certifire No. CF5373

All EN/CE/Certifire tests performed independently and certified by Exova/ Warrington Fire / Warrington APT. Test report/ certificate are available upon request.

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Forend and Strike Finishes

32D
(630) Satin Stainless Steel

Matching finish on latchbolt and deadbolt

*Other finishes available upon request

Trim Options

GB

GA

SA

SG

LP

SP

Lever Options

Suitable with any INOX lever design

* Please refer to INOX EN Lever Handle catalogue for more detail on Lever and Trim options

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Mortice Lock MB8500 Series

Available Functions

MB8510

Function

Sashlock/Entry

Application

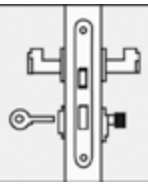
Suitable for latched doors requiring deadbolt locking security.

EN12209:2003 Classification

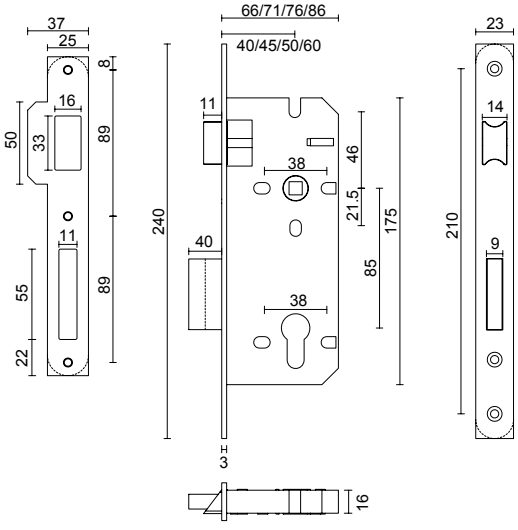
3	S	7	1	0	G	3	B	C	2	0

Illustration

From outside:
Key operates deadbolt and latchbolt. Handle retracts latchbolt.



From inside:
Key or thumb-turn operates deadbolt and latchbolt. Handle retracts latchbolt.



MB8520

Function

Latch/Passage

Application

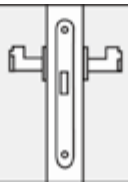
Suitable for latched doors remaining unlocked at all times.

EN12209:2003 Classification

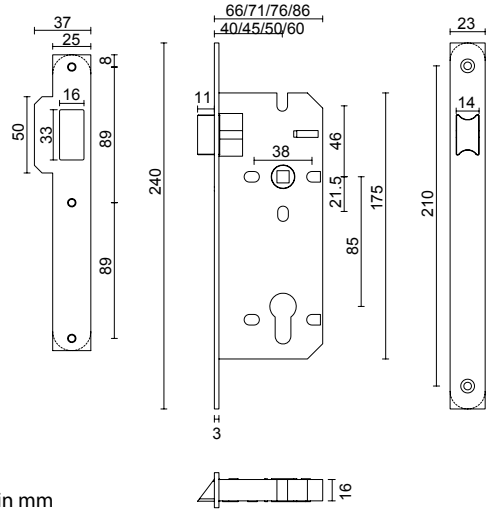
3	S	7	1	0	G	-	B	0	2	0

Illustration

From outside:
Handle retracts latchbolt.



From inside:
Handle retracts latchbolt.



* Dimensions in mm

Mortice Lock MB8500 Series

Available Functions

MB8530

Function

Deadlock/Communicating

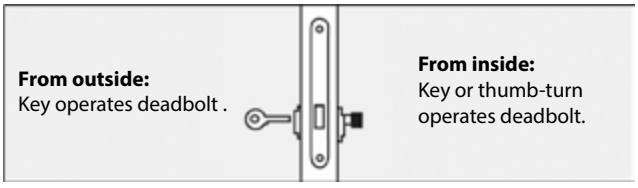
Application

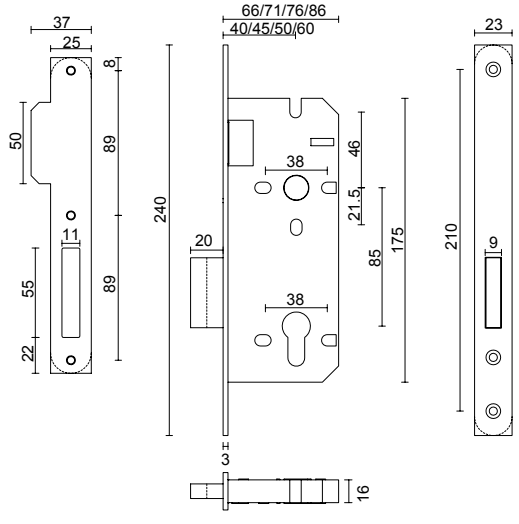
Suitable for unlatched doors with deadbolt locking security.

EN12209:2003 Classification

3	S	7	1	0	G	3	B	C	0	0

Illustration





MB8570

Function

Roller Latch

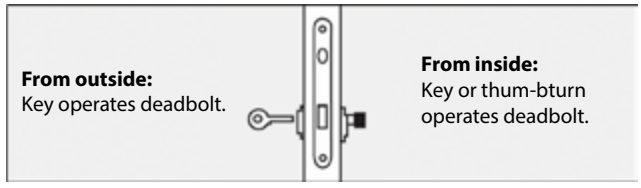
Application

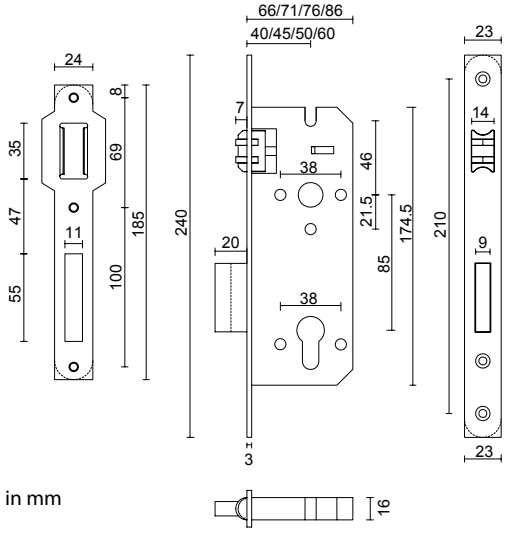
Suitable for doors requiring roller bolt latching. Security provided by deadbolt locking.

Classification

3	S	7	1	0	G	3	B	C	0	0

Illustration





* Dimensions in mm

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Mortice Lock MB8500 Series

MB8510 Sashlock/Entrance
85mm Center

40mm Backset: MB8510-40
45mm Backset: MB8510-45
50mm Backset: MB8510-50
60mm Backset: MB8510-60

MB8520 Latch/Passage
85mm Center

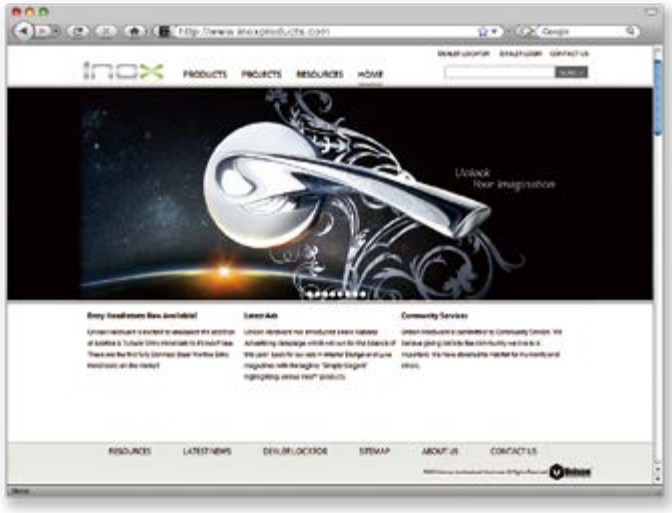
40mm Backset: MB8520-40
45mm Backset: MB8520-45
50mm Backset: MB8520-50
60mm Backset: MB8520-60

MB8530 Deadbolt/ Communicating
85mm Center

40mm Backset: MB8530-40
45mm Backset: MB8530-45
50mm Backset: MB8530-50
60mm Backset: MB8530-60

MB8570 Roller Latch
85mm Center

40mm Backset: MB8570-40
45mm Backset: MB8570-45
50mm Backset: MB8570-50
60mm Backset: MB8570-60



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http://www.inoxproducts.com
for more technical and new product information.

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