

# Mortice lock





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# Mortice lock D450 SERIES

## A range of security locks with NF and CE Labels

Developed for public buildings, these locks will find their place in commercial as well as in residential buildings. The D450 range features a variety of functions suitable for all types of interior doors and outside doors.

The D450 SERIES complies in full with the highest requirements of EN 12209.

### ADVICE

Recommendations  
Do not paint over the front plate of the lock.  
Clean the mortice carefully prior to fitting the lock to the door.  
After fitting: Test the lock function with the door open. To ensure warranty, do not alter the product's characteristics.



10 years mechanical  
warranty



## Applications

High frequency of use by people with little incentive to care: Grade 3 – Category of use - EN 12209  
Residential & Commercial buildings -Public Doors  
Suitable for timber and metal doors.

## Technical datas



Slim lock body, 15 mm thick, for minimum mortice clearance  
Galvanized steel lock body for superior corrosion resistance  
Sealed lock body for minimized dust penetration  
Oval shape deadbolt, 20 mm projection, double throw. Side load resistance > 1,350 daN.  
Reversible latch bolt, curved shape « easy latch »  
Key to latch  
Heavy duty follower spring suitable for non spring loaded lever furniture.  
Passage holes for bolt-through fixing lever furniture.  
Supplied with striker plates in compliance with EN 12209.  
D450 Series complies in full with the highest requirements of NF EN 12209.  
Emergency functions comply with EN 179\*  
Suitable for use on fire/smoke doors assemblies (except otherwise stated)

### Backsets:

50 and 60 (65 for limited functions)  
40 and 55 on special request

### Finishes:

Brushed Stainless Steel (X)  
Polyester Powder Coated Black (V)

#### On special Request

Nickel Plated (N)  
Solid Brass (D)  
Polished Stainless Steel (XP)

### Front plates:

Rounded ends in 20 mm  
Square ends in 24 mm

## Special features

- Curved latch bolt for easier latching
- Edge-cut latch bolt for smoother opening
- Profiled deadbolt for extra side load resistance
- Reversibility possible without dismantling the lock out of the door.
- Heavy duty follower spring suitable for non-sprung lever furniture.
- D 450 Series is manufactured in France by Vachette.
- Vachette is an ISO 9001 certified factory company
- Ten years mechanical warranty



\*In order to keep the EN 179 certification, emergency locks **MUST** be equipped with their respective striker plates and with the certified handles that have been tested with the lock: (See certified products in the Vachette Lever handles catalogue)



### D455 SASH LOCK

Entrance lock for Euro-profile cylinder. Key to latch. Deadbolt 20 mm projection, double throw.



### D452 LATCH LOCK

Passage lock



### D457 CLASSROOM LOCK

Classroom or office lock for Euro-profile cylinder. Equipped with ant-thrust bolt. Key to latch. Outside handle made inoperative when locked. Exit always free



### D453 PRIVACY LOCK

Toilet lock. Key to latch. Deadbolt 20 mm projection, double throw



### D4522 NIGHT LATCH

Night latch for euro-profile cylinder. Key to latch. Exit always free



### D458 EMERGENCY SASH LOCK

Entrance lock for Euro-profile cylinder. Key to latch. Deabolt 20 mm projection, double throw. Exit always free Inside handle retracts both latch and dead bolt.



### D454 DEAD LOCK

Deadlock for Euro-profile cylinder. Deabolt 20 mm projection, double throw.



### D456 STOREROOM LOCK

Storeroom or nighth latch lock for Euro-profile cylinder. Equipped with Anti-thrust bolt. Key to latch Exit always free



### D459 EMERGENCY SASH LOCK SAF

Same as D548 with snib on front plate that prevents from projecting the deadbolt when the door is not shut. **NO RISK OF PREVENTING FIRE DOOR TO SHUT**

*One lock body – Nine functions – fully reversible right/left*



**D455 Entrance Sash lock:**

European CE standards with 8 mm follower (C8) and center to center 72 mm, front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backsets: 50, 60 and 65 mm  
Fire rated as standard

Also available in NF version (French Standards) with 7 or 8 mm follower, (C7 or C8) and center to center 70 mm, front plate 20 mm rounded ends (R20).  
Backset: 50 mm  
Fire rated as option (CFPF version)

Finishes:  
Brushed Stainless Steel: X  
Polyester Coated Black: V  
Nickel Plated: N  
Polished Brass: PB

Locks packed by 2 with striker plates

**Model-backset-C to C-Finish-Front-Spindle**



D455 60 72 X R20 C8  
D455 60 72 X K24 C8  
D455 65 72 X R20 C8  
D455 50 72 X R20 C8



D455 50 70 X R20 C7  
D455 50 70 X R20 C7 CFPF



**Model-backset-C to C-Finish-Front-Spindle**



D455 60 72 V R20 C8  
D455 65 72 V R20 C8  
D455 50 72 V R20 C8



D455 50 70 V R20 C7  
D455 50 70 V R20 C7 CFPF



**Model-backset-C to C-Finish-Front-Spindle**



D455 60 72 N R20 C8  
D455 65 72 N R20 C8  
D455 50 72 N R20 C8



D455 50 70 N R20 C7  
D455 50 70 N R20 C7 CFPF



**Model-backset-C to C-Finish-Front-Spindle**



D455 60 72 PB R20 C8  
D455 50 72 PB R20 C8



D455 50 70 PB R20 C7  
D455 50 70 PB R20 C7 CFPF





**D453 Privacy lock:**

European CE standards with 8 mm followers (C8) and C to C 72 mm, front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backsets: 50, 60 and 65 mm  
Fire rated as standard

Also available in NF version (French Standards) with 7 mm follower, (C7) privacy follower 6 mm and C to C 70 mm, front plate 20 mm rounded ends (R20). Backset: 50 mm  
Fire rated as option (CFPF version)

Finishes:  
Brushed Stainless Steel: X  
Polyester Coated Black: V  
Nickel Plated: N  
Polished Brass: PB

Locks packed by 2 with striker plates

**Model-backset-C to C-Finish-Front-Spindle**



D453 60 72 X R20 C8  
D453 60 72 X K24 C8  
D453 65 72 X R20 C8  
D453 50 72 X R20 C8



D453 50 70 X R20 C7  
D453 50 70 X R20 C7 CFPF



**Model-backset-C to C-Finish-Front-Spindle**



D453 60 72 V R20 C8  
D453 65 72 V R20 C8  
D453 50 72 V R20 C8



D453 50 70 V R20 C7  
D453 50 70 V R20 C7 CFPF



**Model-backset-C to C-Finish-Front-Spindle**



D453 60 72 N R20 C8  
D453 65 72 N R20 C8  
D453 50 72 N R20 C8



D453 50 70 N R20 C7  
D453 50 70 N R20 C7 CFPF



**Model-backset-C to C-Finish-Front-Spindle**



D453 60 72 PB R20 C8  
D453 50 72 PB R20 C8



D453 50 70 PB R20 C7  
D453 50 70 PB R20 C7 CFPF





**D454 Deadlock:**

Front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backsets: 50, 60 and 65 mm  
 Non Fire rated  
 Fire Rated version upon request

Also available in NF version (French Standards) front plate 20 mm rounded ends (R20). Backset: 50 mm

**Finishes:**

- Brushed Stainless Steel: X
- Polyester Coated Black: V
- Nickel Plated: N
- Polished Brass: PB

Locks packed by 2 with striker plates

**Model – backset – Finish – Front**



- D454 60 X R20
- D454 60 X K24
- D454 65 X R20
- D454 50 X R20



**Model – backset – Finish – Front**



- D454 60 V R20
- D454 60 V K24
- D454 65 V R20
- D454 50 V R20



**Model – backset – Finish – Front**



- D454 60 N R20
- D454 60 N K24
- D454 65 N R20
- D454 50 N R20



**Model – backset – Finish – Front**



- D454 60 PB R20
- D454 50 PB R20





### Model-backset-C to C-Finish-Front-Spindle



D452 60 X R20 C8  
D452 60 X K24 C8  
D452 65 X R20 C8  
D452 50 X R20 C8



D452 50 X R20 C7  
D452 50 X R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D452 60 V R20 C8  
D452 65 V R20 C8  
D452 50 V R20 C8



D452 50 V R20 C7  
D452 50 V R20 C7 CFPF



### D452 Latch lock:

European CE standards with 8 mm follower (C8), front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backsets: 50, 60 and 65 mm  
Fire rated as standard

Also available in NF version (French Standards) with 7 or 8 mm follower, (C7 or C8), front plate 20 mm rounded ends (R20). Backset: 50 mm  
Fire rated as option (CFPF version)

#### Finishes:

Brushed Stainless Steel: X  
Polyester Coated Black: V  
Nickel Plated: N  
Polished Brass: PB

Locks packed by 2 with striker plates

### Model-backset-C to C-Finish-Front-Spindle



D452 60 N R20 C8  
D452 65 N R20 C8  
D452 50 N R20 C8



D452 50 N R20 C7  
D452 50 N R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D452 60 PB R20 C8  
D452 65 PB R20 C8  
D452 50 PB R20 C8



D452 50 PB R20 C7  
D452 50 PB R20 C7 CFPF





### Model-backset-C to C-Finish-Front-Spindle



D4522 60 72 X R20 C8  
D4522 60 72 X K24 C8

D4522 50 70 X R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D4522 60 72 V R20 C8

D4522 50 70 V R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D4522 60 72 N R20 C8

D4522 50 70 N R20 C7 CFPF



### D4522 Night Latch:

European standards with 8 mm follower (C8), C to C 72 mm, front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backsets: 60 mm  
Fire rated as standard

Also available in French Standards with 7 mm follower, (C7), C to C 70 mm, front plate 20 mm rounded ends (R20). Backset: 50 mm  
Fire rated as option (CFPF version)

#### Finishes:

Brushed Stainless Steel: X

Polyester Coated Black: V

Nickel Plated: N

Locks packed by 2 with striker plates

*To be used with fixed knob and single (1/2) cylinder outside.*

\*In order to keep the EN 179 certification, emergency locks **MUST** be equipped with their respective striker plates and with the certified handles that have been tested with the lock: (See certified products in the Vachette Lever handles catalogue)

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### Model-backset-C to C-Finish-Front-Spindle



D456 60 72 X R20 C8  
D456 60 72 X K24 C8

D456 50 70 X R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D456 60 72 V R20 C8

D456 50 70 V R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D456 60 72 N R20 C8

D456 50 70 N R20 C7 CFPF



## D456 Storeroom lock

### Anti-thrust bolt:

European standards with 8 mm follower (C8), C to C 72 mm, front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backsets: 60 mm  
Fire rated as standard

Also available in French Standards with 7 mm follower, (C7), C to C 70 mm, front plate 20 mm rounded ends (R20). Backset: 50 mm  
Fire rated (CFPF)

### Finishes:

Brushed Stainless Steel: X

Polyester Coated Black: V

Nickel Plated: N

Locks packed by 1 with striker plates

*To be used with fixed knob  
and single (1/2) cylinder  
outside.*

\*In order to keep the EN 179 certification, emergency locks **MUST** be equipped with their respective striker plates and with the certified handles that have been tested with the lock: (See certified products in the Vachette Lever handles catalogue)

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### Model-backset-C to C-Finish-Front-Spindle



D457 60 72 X R20 C8  
D457 60 72 X K24 C8

D457 50 70 X R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D457 60 72 V R20 C8

D457 50 70 V R20 C7 CFPF



### D457 Classroom lock

#### Anti-thrust bolt:

European standards with 8 mm follower (C8), C to C 72 mm, front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backsets: 60 mm  
Fire rated as standard

Also available in French Standards with 7 mm follower, (C7), C to C 70 mm, front plate 20 mm rounded ends (R20). Backset: 50 mm  
Fire rated (CFPF)

#### Finishes:

Brushed Stainless Steel: X

Polyester Coated Black: V

Nickel Plated: N

Locks packed by 1 with striker plates

### Model-backset-C to C-Finish-Front-Spindle



D457 60 72 N R20 C8

D457 50 70 N R20 C7 CFPF



*To be used with handles with split spindle.  
Split spindle not included*

C8 EMERG KIT  
C7 EMERG KIT

\*In order to keep the EN 179 certification, emergency locks **MUST** be equipped with their respective striker plates and with the certified handles that have been tested with the lock: (See certified products in the Vachette Lever handles catalogue)

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### Model-backset-C to C-Finish-Front-Spindle



D458 60 72 X R20 C8  
D458 60 72 X K24 C8

D458 50 70 X R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D458 60 72 V R20 C8

D458 50 70 V R20 C7 CFPF



### Model-backset-C to C-Finish-Front-Spindle



D458 60 72 N R20 C8

D458 50 70 N R20 C7 CFPF



## D458 Emergency Sash lock

European standards with 8 mm follower (C8), C to C 72 mm, front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backset: 60 mm  
Fire rated as standard

Also available in French Standards with 7 mm follower, (C7), C to C 70 mm, front plate 20 mm rounded ends (R20). Backset: 50 mm  
Fire rated (CFPF)

#### Finishes:

Brushed Stainless Steel: X

Polyester Coated Black: V

Nickel Plated: N

Locks packed by 1 with striker plates

*To be used with handles with split spindle.  
Split spindle not included*

C8 EMERG KIT  
C7 EMERG KIT

\*In order to keep the EN 179 certification, emergency locks **MUST** be equipped with their respective striker plates and with the certified handles that have been tested with the lock: (See certified products in the Vachette Lever handles catalogue)

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### Model-backset-C to C-Finish-Front-Spindle



D459 60 72 X R20 C8  
D459 60 72 X K24 C8

D459 50 70 X R20 C7 CFPP



### Model-backset-C to C-Finish-Front-Spindle



D459 60 72 V R20 C8

D459 50 70 V R20 C7 CFPP



### Model-backset-C to C-Finish-Front-Spindle



D459 60 72 N R20 C8

D459 50 70 N R20 C7 CFPP



## D459 Emergency Sash lock SAF

European CE EN 179 standards with 8 mm follower (C8), C to C 72 mm, front plate 20 mm rounded ends (R20) or 24 mm square ends (K24). Backset: 60 mm

Fire rated as standard

Also available in French Standards with 7 or 8 mm follower, (C7 or C8), C to C 70 mm, front plate 20 mm rounded ends (R20). Backset: 50 mm  
Fire rated CFPP

#### Finishes:

Brushed Stainless Steel: X

Polyester Coated Black: V

Nickel Plated: N

Locks packed by 1 with striker plates

*To be used with handles with split spindle.  
Split spindle not included*

C8 EMERG KIT  
C7 EMERG KIT

\*In order to keep the EN 179 certification, emergency locks **MUST** be equipped with their respective striker plates and with the certified handles that have been tested with the lock: (See certified products in the Vachette Lever handles catalogue)

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