



mortise lock  
model 451/451F  
with shift latch  
prices see page 390

On the outside these locks are not noticeably different from other mortise locks for inside doors. However as is often the case, the inner qualities are what really matter. And this lock has a lot to offer: The lock 421E, for example, is equipped with a reinforced case, a solid steel bolt, integrated bend protection, and an additional latch. Consequently it has also been approved for ÖNORM EN 12209 protection class 4. All series are tested for door weights up to 200 kg and are therefore suited for public areas under heavy loading.

**Technical details**

Mortise locks series **451, 451F** and **421ER, 421EFR**



As standard with clamping follower



Fire retardant 30 minutes  
checked ÖNORM B 3858

Series 451  
Application on doors in commercial or public areas under heavy loading  
**Recommended door weight from 100 kg up to max. 200 kg**  
suited for ÖNORM EN 12209, category of use 3 measures up to ÖNORM 5350, security class 3

Series 451F  
Application on doors in the private sectors as well as on doors in commercial or public areas under heavy loading  
**Recommended door weight from 100 kg up to max. 200 kg**  
suited for ÖNORM EN 12209, category of use 3 measures up to ÖNORM 5350, security class 4

Series 421ER / 421EFR  
Application on anti-burglary doors  
**Recommended door weight from 100 kg up to max. 200 kg**  
suited for ÖNORM EN 12209, category of use 3 measures up to ÖNORM 5350, security class 4

**Finish**  
NL = forend and case Niro-Look, latch and dead bolt silver-coloured zinc chromate yellow

**Security features 421ER/EFR**  
Reinforced lock case with integrated bend protection, latch lock, solid steel deadbolt with extended deadbolt head, reinforced safety lock. Because of the additional latch this lock has a second locking section (latch and deadbolt).



**451:** Security class 3 according to ÖNORM EN 12209, admitted for anti-burglary doors checked ÖNORM B 5338 WK-1.

**451F:** Security class 4 ÖNORM EN 12209 – admitted for anti-burglary doors checked ÖNORM B 5338 WK-2.

**451ER/EFR:** Security class 4 ÖNORM EN 12209 – admitted for anti-burglary doors checked ÖNORM B 5338 WK-2.

**When using an electric door opener strike plate, in order to prevent any problems, we do not recommend the use of a stop latch.**

**Tender text series 421ER/EFR, anti-burglary**

Mortise lock with shift latch for anti-burglary doors, recommended door weight from 100 kg up to 200 kg maximum, clamping follower (the handle spindle is free from float), reinforced latch with retaining effect and reinforced bolt, reinforced lock case with integrated bend protection, with/without stop latch, solid steel deadbolt with extended deadbolt head, reinforced safety lock. Because of the additional latch this lock has a second locking section (latch and deadbolt), fire retardant 30 minutes according to ÖNORM B 3858, checked ÖNORM EN 12209, category of use grade 3, security class 4, dimensions up to ÖNORM B 5350, finish: Nirolook (NL), e.g. 421ER/8cm/300x20x4 NL

As this lock matches the requirements of security class 4, it is also suited for the installation on WK-2 doors.

**Tender text series 451**

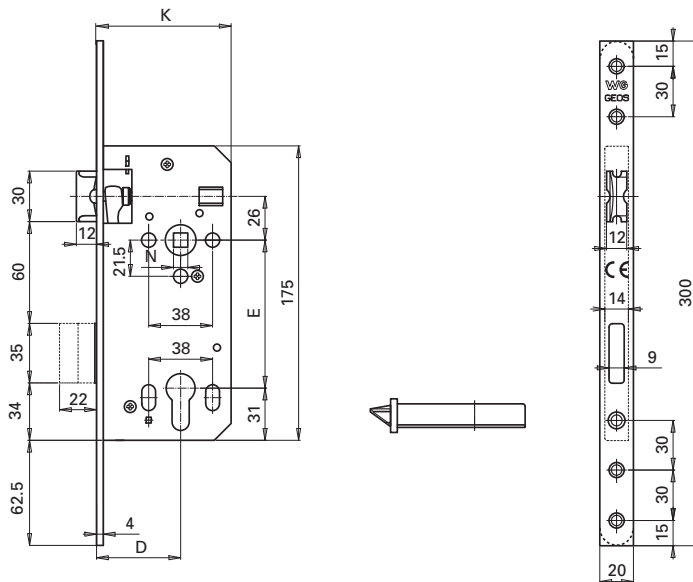
Mortise lock with shift latch for doors in commercial or public sectors up to a recommended door weight of 100 kg (max. door weight 200 kg), with clamping follower (the handle spindle is free from float), with double crank lever for low closing force, striking and closing noise dampening, latch with retaining effect, reinforced dead bolt, increased counter force of the dead bolt because of a reinforced tumbler, suited for profile cylinder, with latch lever, fire retardant 30 minutes according to ÖNORM B 3858, checked ÖNORM EN 12209, category of use 3, security class 3, dimensions up to ÖNORM B 5350. As this lock matches the requirements of security class 3, it is also suited for the installation on WK 1 doors, e.g. 451R/8cm/300x20x4 NL

**Tender text series 451F**

Mortise lock with shift latch for doors in commercial or public sectors up to a recommended door weight of 100 kg (max. door weight 200 kg), with clamping follower (the handle spindle is free from float), latch with retaining effect, reinforced dead bolt, increased counter force of the dead bolt because of a reinforced tumbler, suited for profile cylinder, with or without latch lever, fire retardant 30 minutes according to ÖNORM B 3858, checked ÖNORM EN 12209, category of use 3, security class 4, dimensions up to ÖNORM B 5350. As this lock matches the requirements of security class 4, it is also suited for the installation on WK 2 doors, e.g. 451F/8cm/300x20x4 NL

**Technical details**

Mortise locks series 451 and 451F (countersink for lock cases = lock case thickness plus 2 mm)

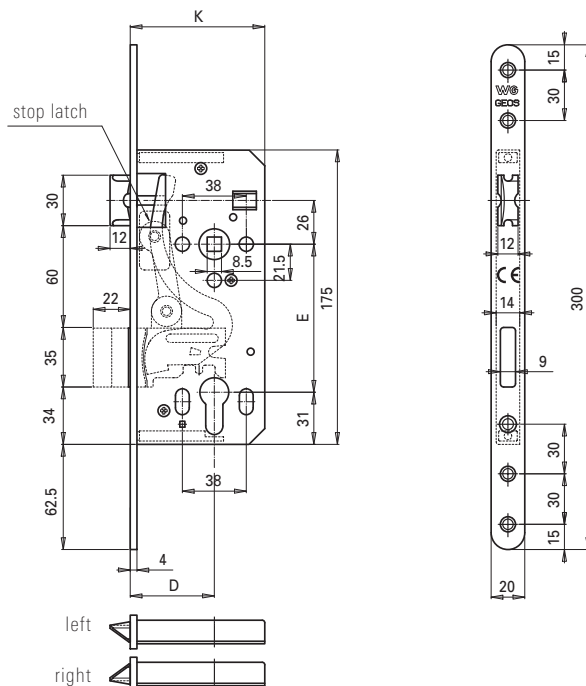


Mortise locks

	backset D	distance E	case width K	follower square N
for profile cylinder	50 60 70	88	80 90 100	8.5

**Technical details**

Mortise locks series 421ER and 421EFR



Mortise locks

	backset D	distance E	case width K	follower square N
for profile cylinder	50 60 70	88	80 90 100	8.5

