

Mortise Lock



20 YEARS EURO MORTISE LOCK MANUFACTURER

MORTISE LOCK FUNCTION

We have 8 different functions for our mortise lock that will suits most of your needs and application.



PANIC



ENTRANCE



PRIVACY



DEADLOCK



CLASSROOM



PASSAGE



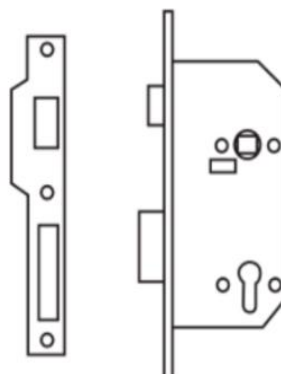
ROLLER



STOREROOM

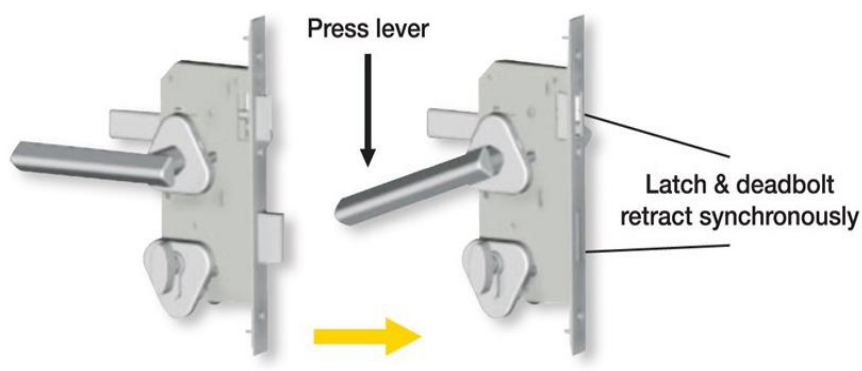
1、Mortise & Panic Lock

- Latch retracted by knob / lever from either side .
- Deadbolt extended or retracted by key from outside or turn knob from inside .
- Inside knob / lever retracts latch and deadbolt simultaneously.



Special Features: Anti-panic Function

The latchbolt & deadbolt will retract simultaneously by turning the interior lever.



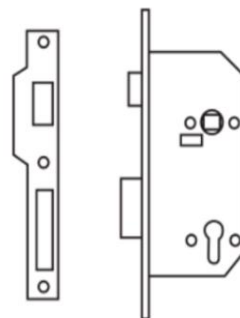
- Roller latch is not operated by handles.
- Deadbolt extended or retracted by key from outside or turn knob from inside .

2、Mortise Roller Latch



3、Mortise Entrance Latch

- Latch retracted by knob / lever from either side .
- Deadbolt extended or retracted by key from outside or turn knob from inside .



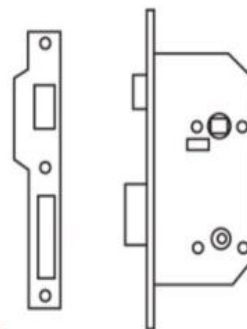
- A non-keyed function
- Turning knob or lever retracts latch from either side.

4、Mortise Passage Latch



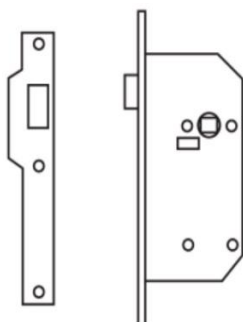
5、Mortise Bathroom Lock/Privacy

- A non-keyed function.
- Turning knob lever from inside retracts latch and deadbolt .
- Can be opened in emergency from the outside by a special emergency thumb turn, coin turn.



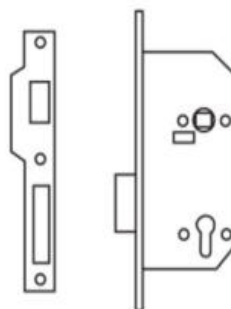
- Latch retracted by knob / lever from either side .
- Inside knob / lever always unlock for free egress.

6、Mortise Classroom Lock



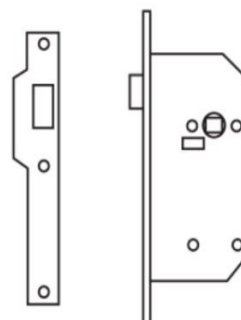
7、Mortise Dead Lock

- No lever handle and latch.
- Deadbolt thrown or retracted by key outside or thumb turn inside.

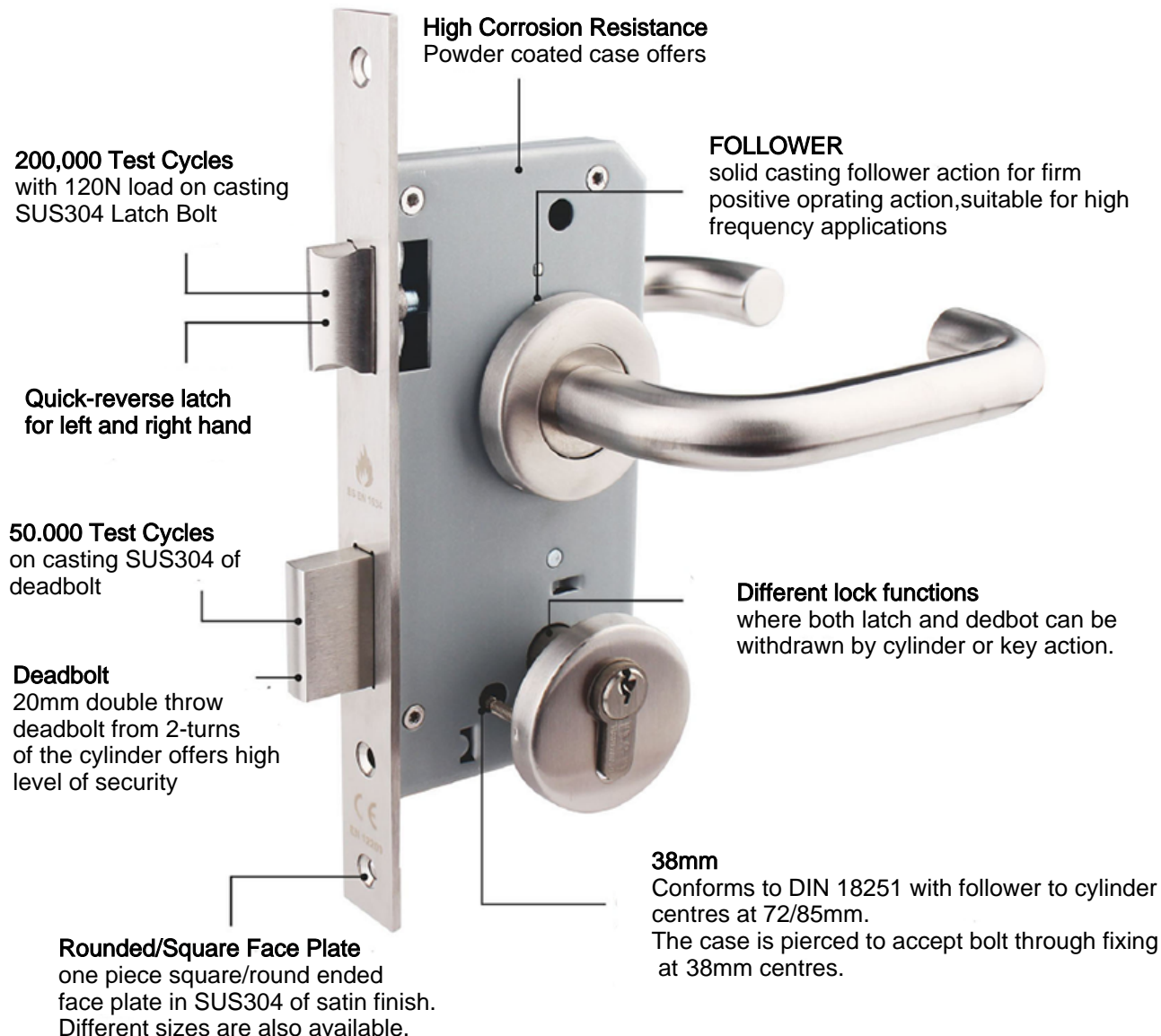


8、Mortise Storeroom Lock/ Night Latch

- Latch retracted by key outside or knob / lever inside.
- Outside knob / lever always locked
- Inside knob / lever always unlocked for free egress.



Lock Information:



Color Options:



SATIN

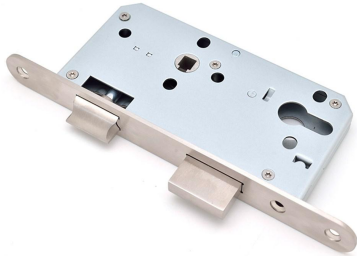


GOLDEN



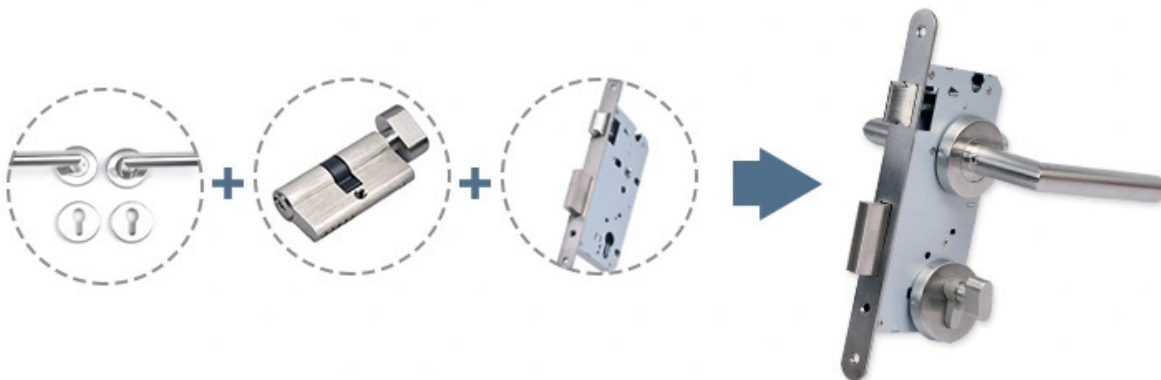
BLACK

Euro Cylinder Lock

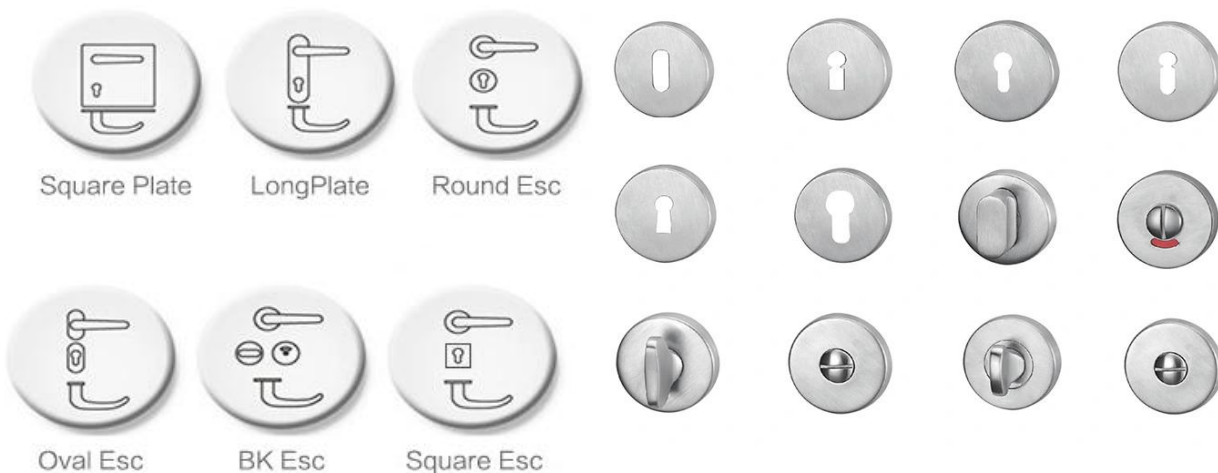


A Euro Cylinder lock or pin tumbler lock, which was its original description when 1st patented in 1805, is used primarily as a locking medium to operate a lock case with a euro shaped hole. The Euro Cylinder is located through the lock case and secured by a fixing screw through the face of the lock case.

Lever Handle +Euro Cylinder+Mortise Lock body= Whole Set Mortise Lock



Handle Combination



Mortise Lock for Timber and Steel Doors

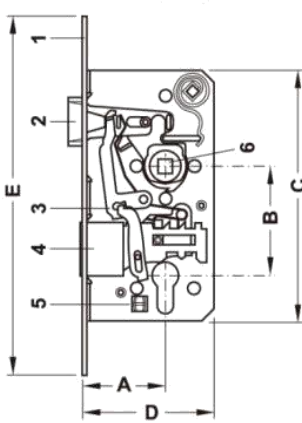
Key Features:

- * Made of SUS304
- * 200,000 cycles tested
- * Latch reversible
- * Compliant to BS EN 12209
- * Fire testing BS EN 1634
- * CE Certificate

Benefits:

- * High corrosion resistance
- * High durability
- * Versatile usage
- * Can be used for fire doors

Lock components and dimensions



- 1 Forend
- 2 Latchbolt
- 3 Key Action
- 4 Dead Bolt
- 5 Screw channel for Profile Cylinder
- 6 Lever Follower
- 7 Striker Plate
- 8 Lock Case
- A Backset
- B C to C Distance
- C Case Height
- D Case Width
- E Forend Length
- F Forend Width

Technical Details

- * Center to center -72mm
- * Backset - 55 / 60mm
- * Door thickness required: 35 - 50mm
- * Prepared for Euro profile cylinder
- * Double throw (2 turns) of Deadbolt : 20mm
- * Suitable for hinged timber/steel door (fire doors)
- * Latch and dead bolt, stainless steel, satin finish
- * Lever Follower : SOLID CASTING
- * Centered forend, satin stainless steel
- * 3.0mm thickness of forend
- * Supplied mortise with striker plate ,dust box, and fixing accessories
- * EN 12009 test
- * EN 1634 Fire test (More than 120 minutes)
- * CE Certificate

intertek
Total Quality Assured

TEST REPORT

Issue Date: 2019-11-21

REPORT ISSUED TO

SECTION 1

SCOPE

Intertek has conducted an evaluation for **PRODUCTS CO., LTD.** to determine the fire resistance characteristics of Mortise Lockcase, Model of 8072C-SS in single leaf single action using steel fire door. This test was designed to determine the evaluation on the Lockcase of **Fire types** including Mortise Lockcase model 8072C-SS, **Wardhouse Lockcase** model 8072S-SS, Classroom Lockcase model 8072L-SS, **Private Lockcase** model 8072P-SS, Mortise Lockcase model 5572C-SS, Mortise Lockcase model 5572C-SS, **Private Lockcase** model 5572P-SS, Mortise Lockcase model 8072S-SS, **Private Lockcase** model 8072P-SS, **Private Lockcase** model 8072C-SS, **Private Lockcase** model 8072S-SS, **Private Lockcase** model 8072P-SS and Mortise Lockcase model of 8072C-SS. This evaluation began on February 13, 2019 and was completed on March 29, 2019. The test was conducted on March 29, 2019.

The test was conducted in accordance with **EN 1634-1:2014(A1:2018)**, **Fire resistance and smoke control tests** for door and shutter assemblies, operable windows and elements of building hardware - Part 1: Fire resistance test for door and shutter assemblies and operable windows.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

For INTERTEK B&C:

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DATE: 2019-11-21

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TITLE: Project Engineer

SIGNATURE: Jason Yu

DATE: 2019-11-21

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ENGINEERING EVALUATION

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REPORT NUMBER: 18-003

ORIGINAL ISSUE DATE: December 19, 2018

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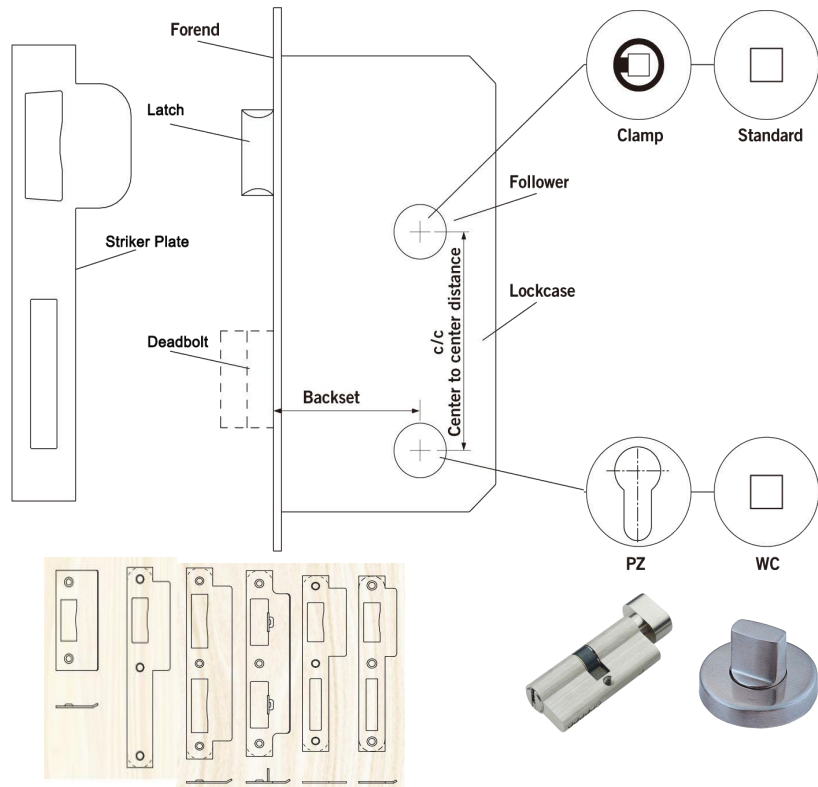
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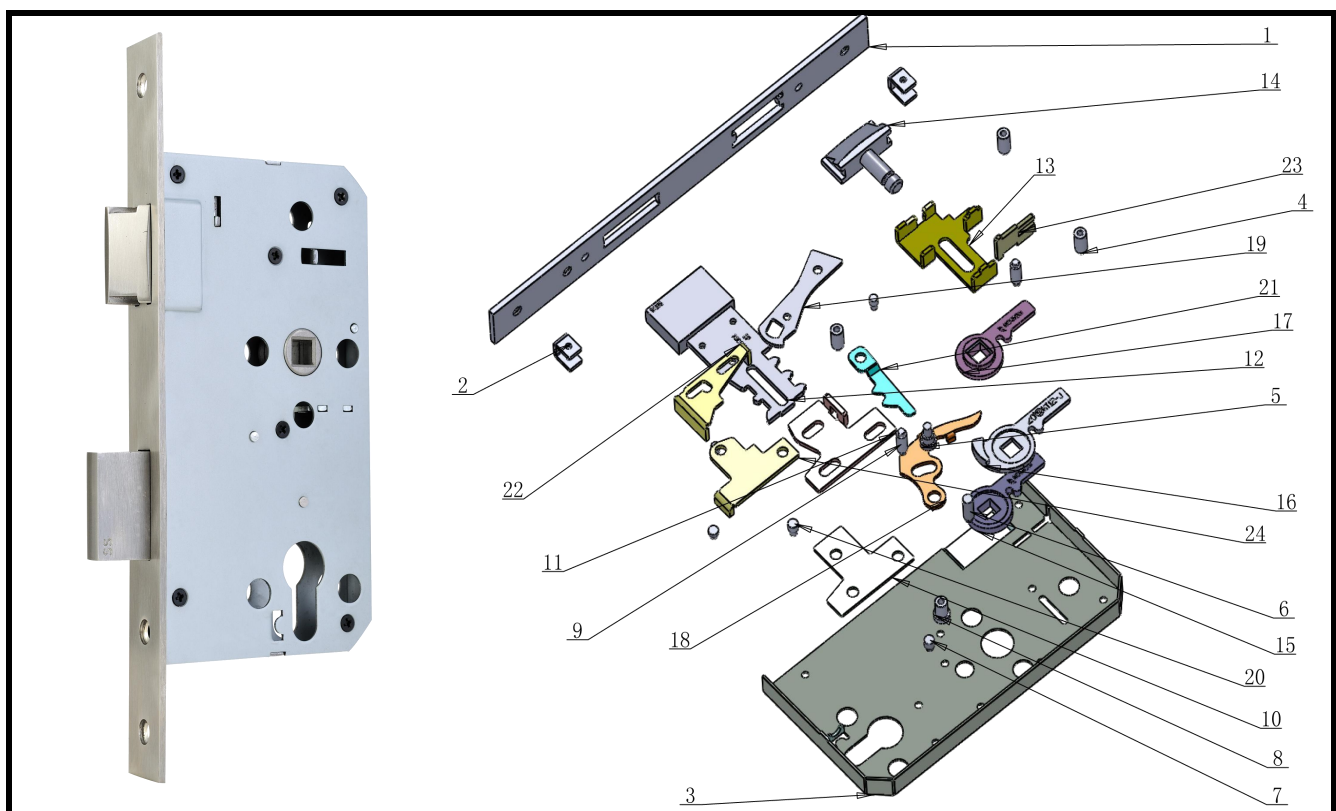
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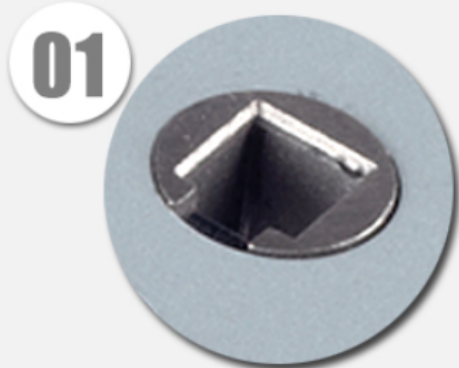
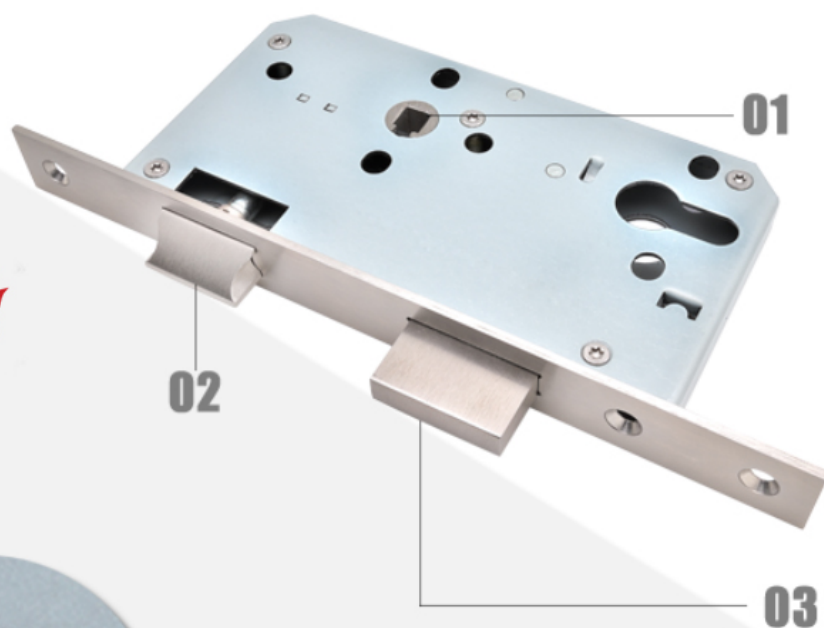
(If needs full pages/ originla copies of EN12209, Fire report or CE Certificate, please contact with sales representative)

Lock Details

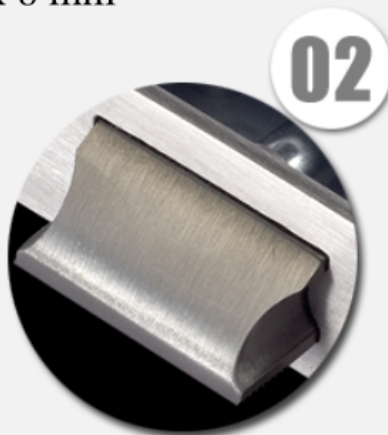


Lockcase BOM

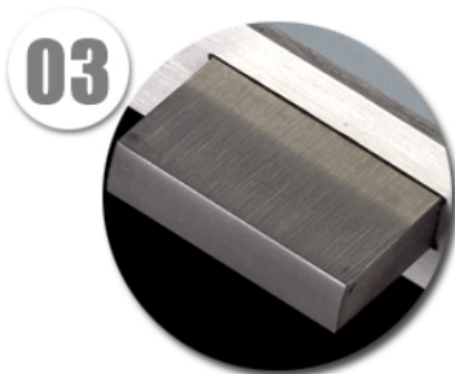




Follower: SOLID CASTING
8 x 8 mm

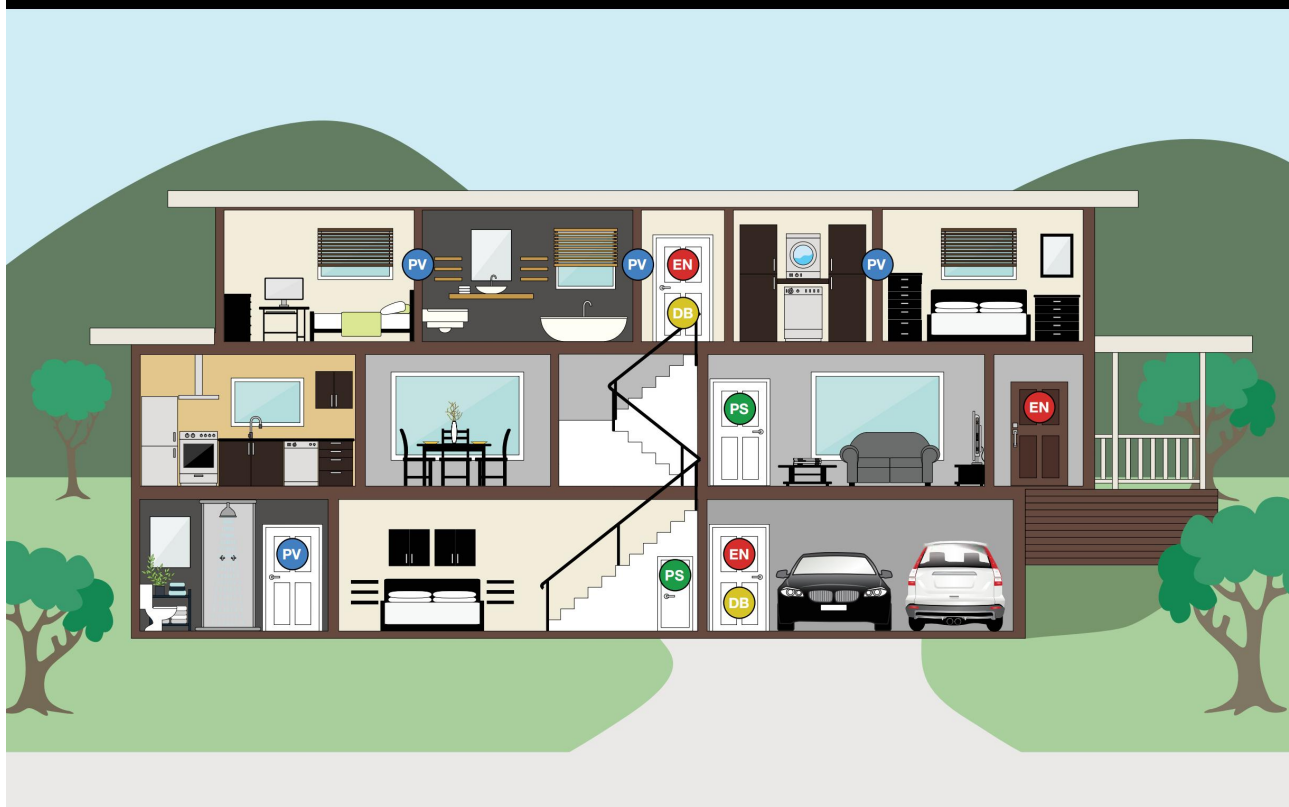


Latch: SS304
200,000 test cycles
with 120N load on
latch bolt



Deadbolt: SS304
50,000 test cycles

HOUSE SPECIFICATION EXAMPLE



Entry - Entrance, with turn key.



Passage - Active, no lock.



Privacy - Lock, no key.



Deadbolt - Lock, with key.



Exterior Front Door

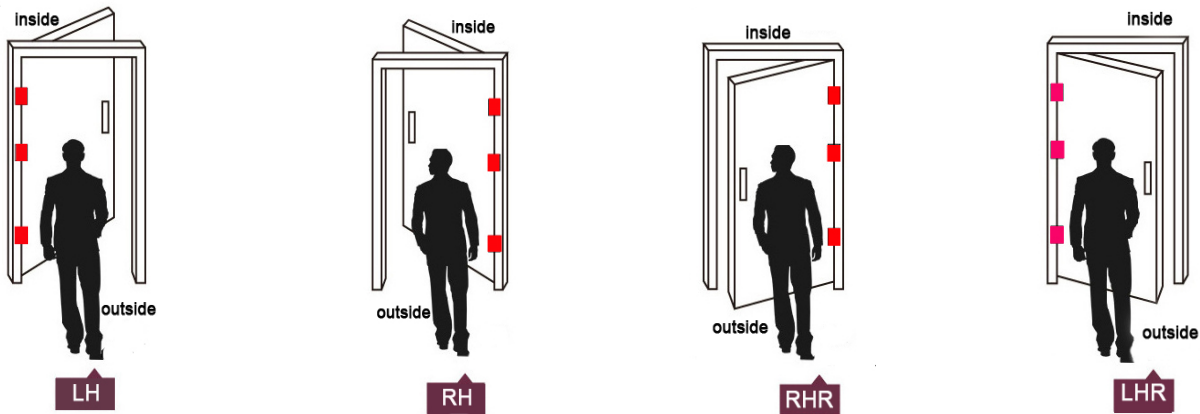
STEP 1	WOOD/STEEL DOOR SWING INSIDE HOUSE - RIGHT HAND
STEP 2	DOOR IS 50MM THICK
STEP 3	BACKSET IS 60MM
STEP 4	FINISH = SATIN NICKEL

Interior Doors

STEP 1	RIGHT AND LEFT HAND DOORS TUBULAR AND PRE-BORED
STEP 2	DOOR IS 40MM THICK
STEP 3	BACKSET IS 60MM
STEP 4	FINISH = SATIN NICKEL

What kinds of locks and how many locks you need to install for a house ?

Handing Data for Entrance Door Sets

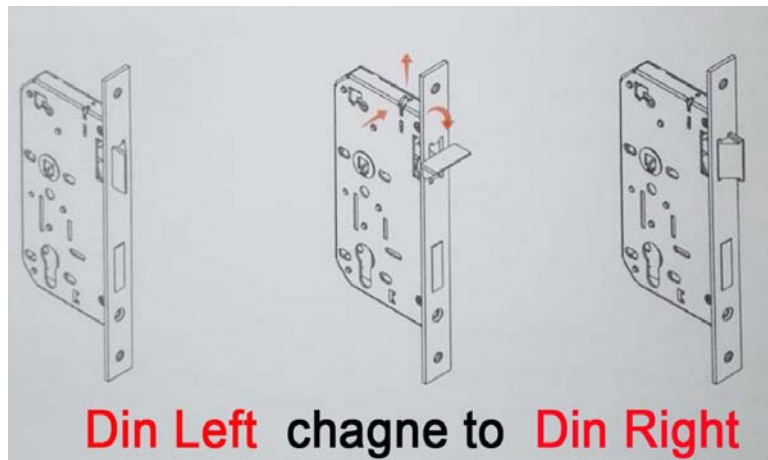


Latch Reversible Direction

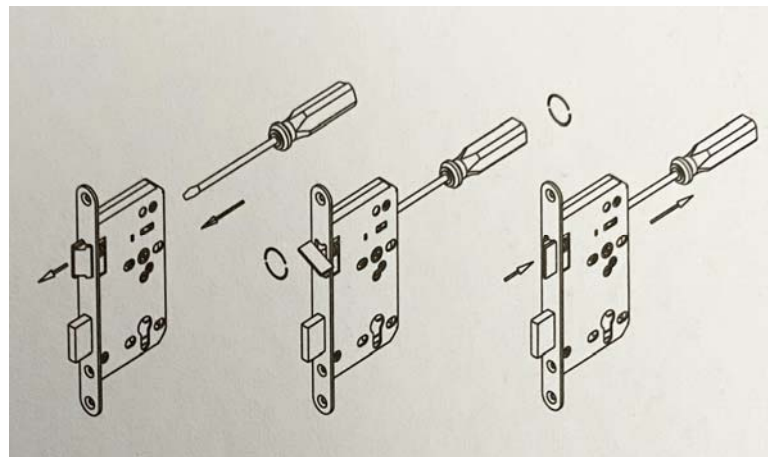
Din Left: The straight side of the latch point to the left.

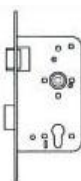
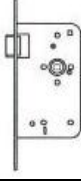

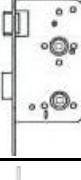

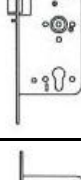
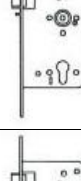
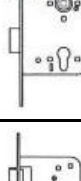
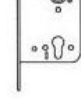
Din Right: The straight side of the latch point to the right.

1. Pull up the reversal pin to release the latch pop-up automatically, then allow the latch bolt rotated 180 degree and let it reset.



2. Use cross screwdriver to go deep into the hole which behind the latch bolt, up to the end of the latch slot, reach the latch and rotate it 180 degree to adjustable direction, the latch bolt will retract automatically by spring.



FUNCTION	ILLUSTRATION	DESCRIPTIONS
SASH LOCK		OUTSIDE: Latch operated by handle and key to lock and unlocked deadbolt . INSIDE: Locked and unlocked by thumbturn.
PASSAGE		OUTSIDE: Operated by handle at all times. INSIDE: Opened by handle at all times (FOR DOORS THAT DO NOT REQUIRE LOCKING)
DEAD LOCK		OUTSIDE: Operated by key at all times INSIDE: Locked and locked by key or thumbturn.
PRIVACY		OUTSIDE: Operated by handle and emergency coin slot button. INSIDE: Locked and unlocked by thumbturn .
ROLLER		OUTSIDE: Operated by key. INSIDE: Opened by key or thumbturn . (ROLLER CAN LOCK DOORS BUT NOT FOR SAFETY)
CLASSROOM		OUTSIDE: Operated by handle except when handle is made inoperative by key from outside or thumbturn from inside. INSIDE: Opened by handle at all times.
STOREROOM		OUTSIDE: Operated by key.Handle is always rigid. INSIDE: Opened by handle at all times .
ANTI-PANIC		OUTSIDE: Latch operated by handle and key to lock and unlocked deadbolt . INSIDE: Locked and unlocked by handle. (PRESS HANDLE FOR EMERGENCY EXIT)
NIGHT LATCH		OUTSIDE: Operated by key outside.Locks automatically when door is closed. INSIDE: Opened by handle at all times.