



EN12209



EN1634



CE Certificate

Mortise Lock for  
Timber and Steel  
Doors

(2024)

# 20 YEARS EURO MORTISE LOCK MANUFACTURER



## INTRODUCTION

### PRODUCTS & STANDARD

TOP-SIN manufacture mortise lock in all functions.

### MANUFACTURING & ENGINEERING

With over 20 years' experience of manufacturing, the measurement and precision of the products is 100% guaranteed. And we can provide all the necessary help on the project for buyer. Our sophisticated and experienced engineer makes new improvement of products anytime and also development according to buyer's request.

And we also have hinges, lever handles and profile cylinder to be your one-stop supplier.





# 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

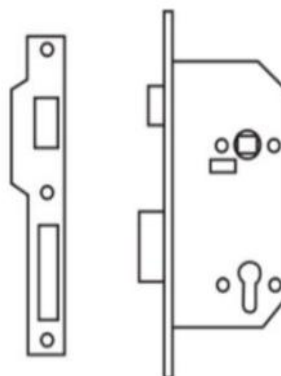


STOREROOM



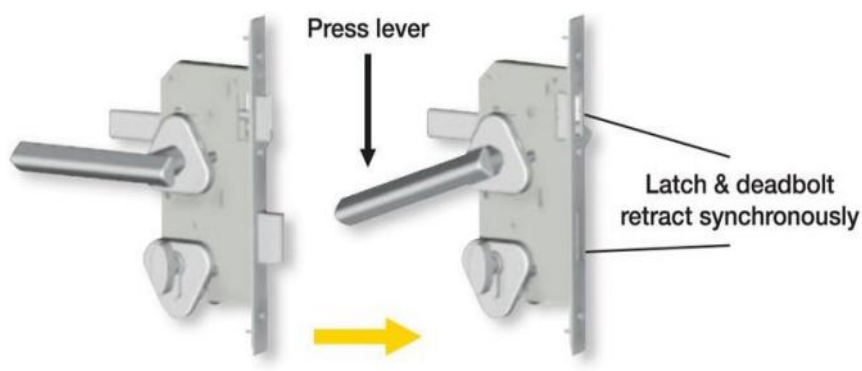
## 1、Mortise & Panic Lock

- 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.



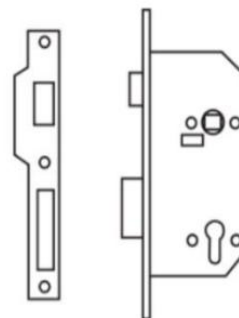
- Roller latch is not operated by handles.
- Deadbolt extended or retracted by key from outside or turn knob from inside .

## 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.

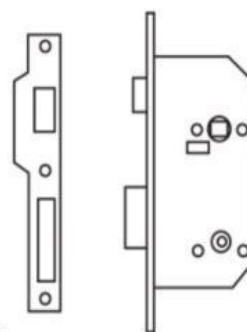
## 4、Mortise Passage Latch





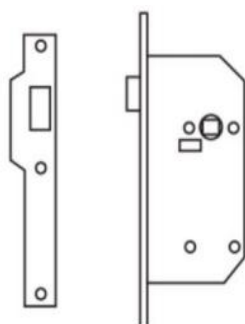
## 5、Mortise Bathroom Lock/Privacy

- 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.



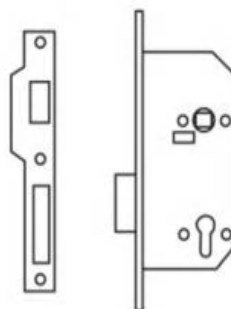
- Latch retracted by knob / lever from either side .
- Inside knob / lever always unlock for free egress.

## 6、Mortise Classroom Lock



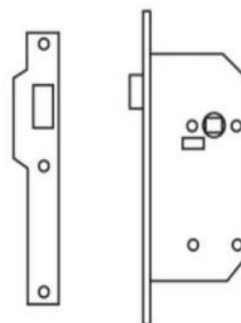
## 7、Mortise Dead Lock

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



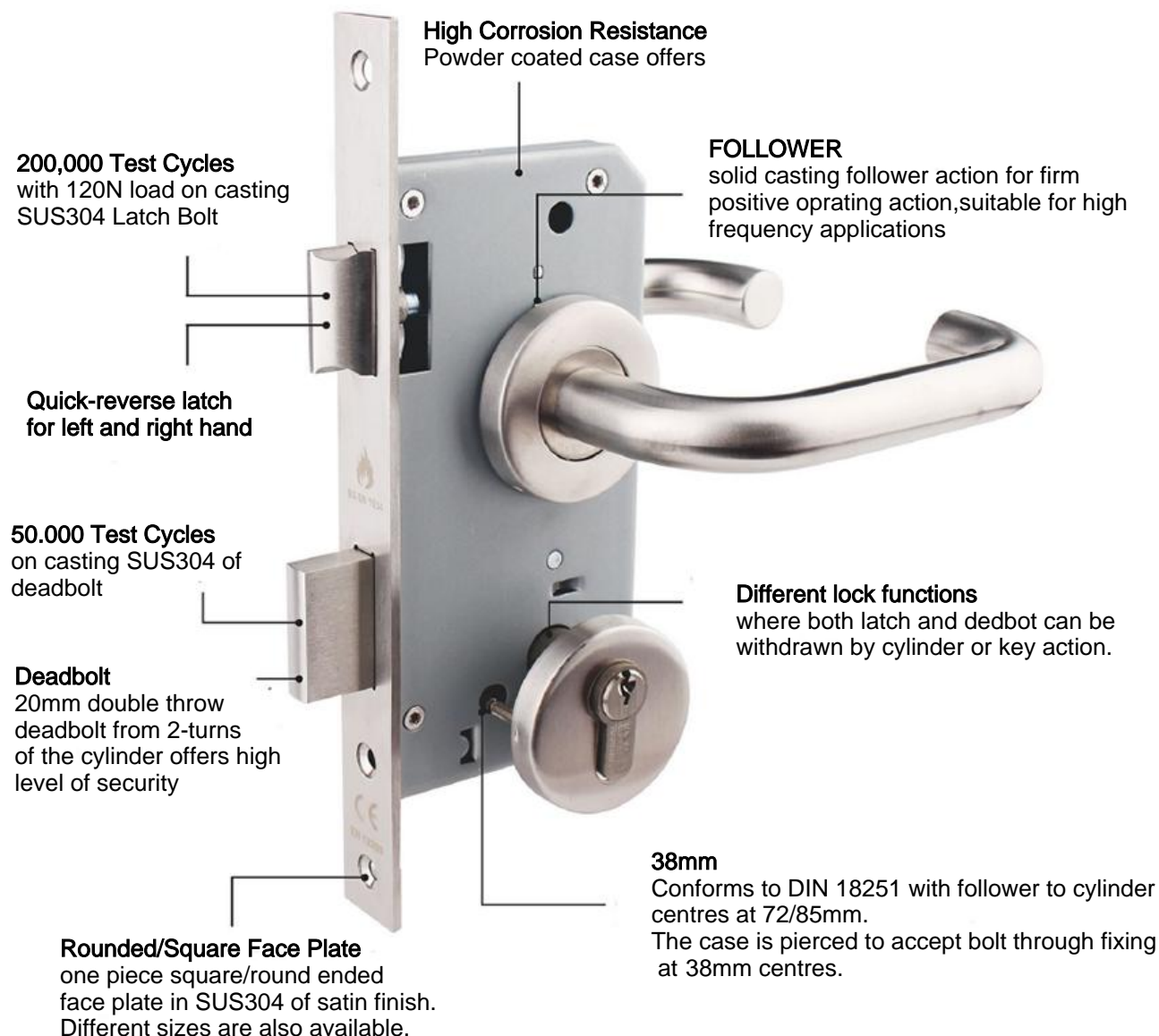
## 8、Mortise Storeroom Lock/ Night Latch

- 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



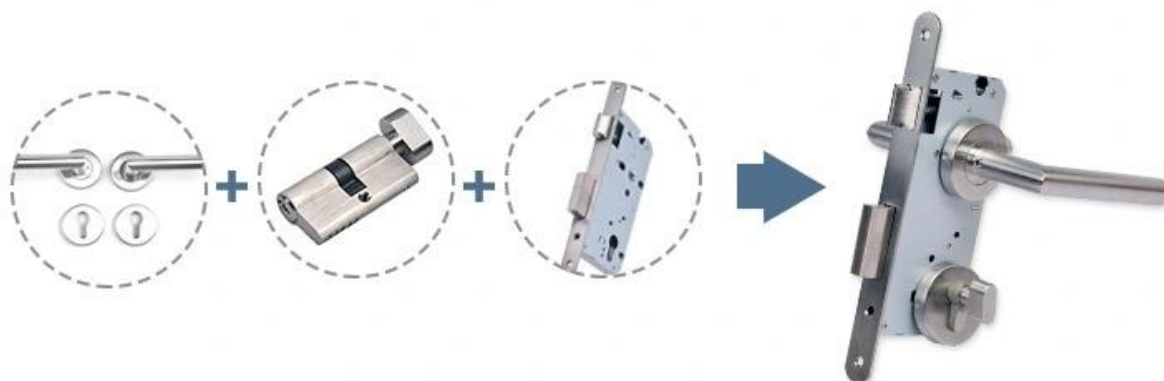
BLACK

## Euro Cylinder Lock

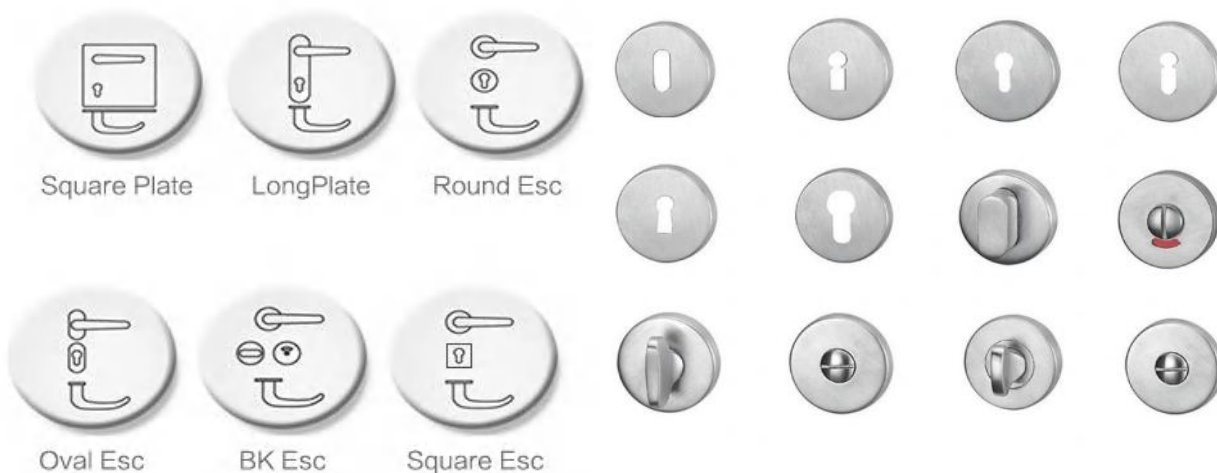


A Euro Cylinder lock or pin tumbler lock, which was its original description when 1st patented in 1805, is used primarily as a locking medium to operate a lock case with a euro shaped hole. The Euro Cylinder is located through the lock case and secured by a fixing screw through the face of the lock case.

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



## Handle Combination





## Mortise Lock for Timber and Steel Doors

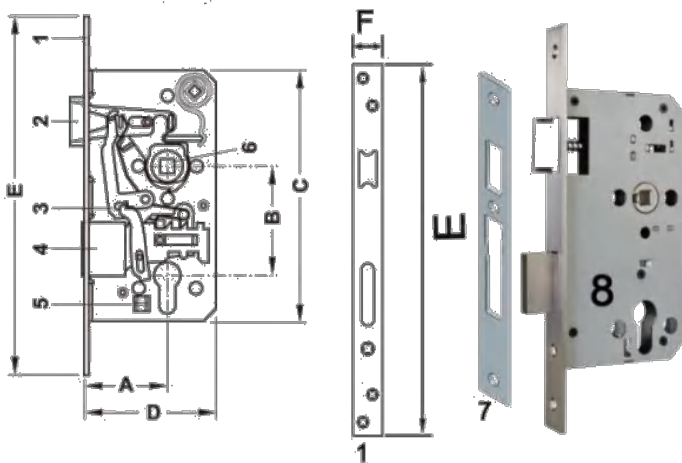
### Key Features:

- \* 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

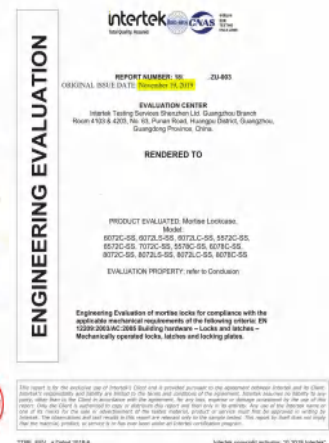
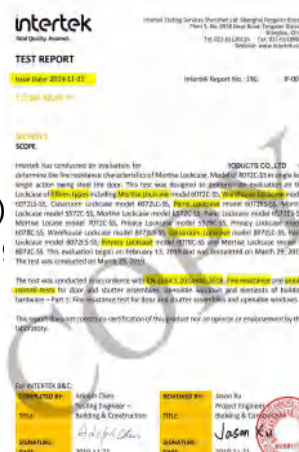
### Lock components and dimensions



- 1** Forend
- 2** Latchbolt
- 3** Key Action
- 4** Dead Bolt
- 5** Screw chanel 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

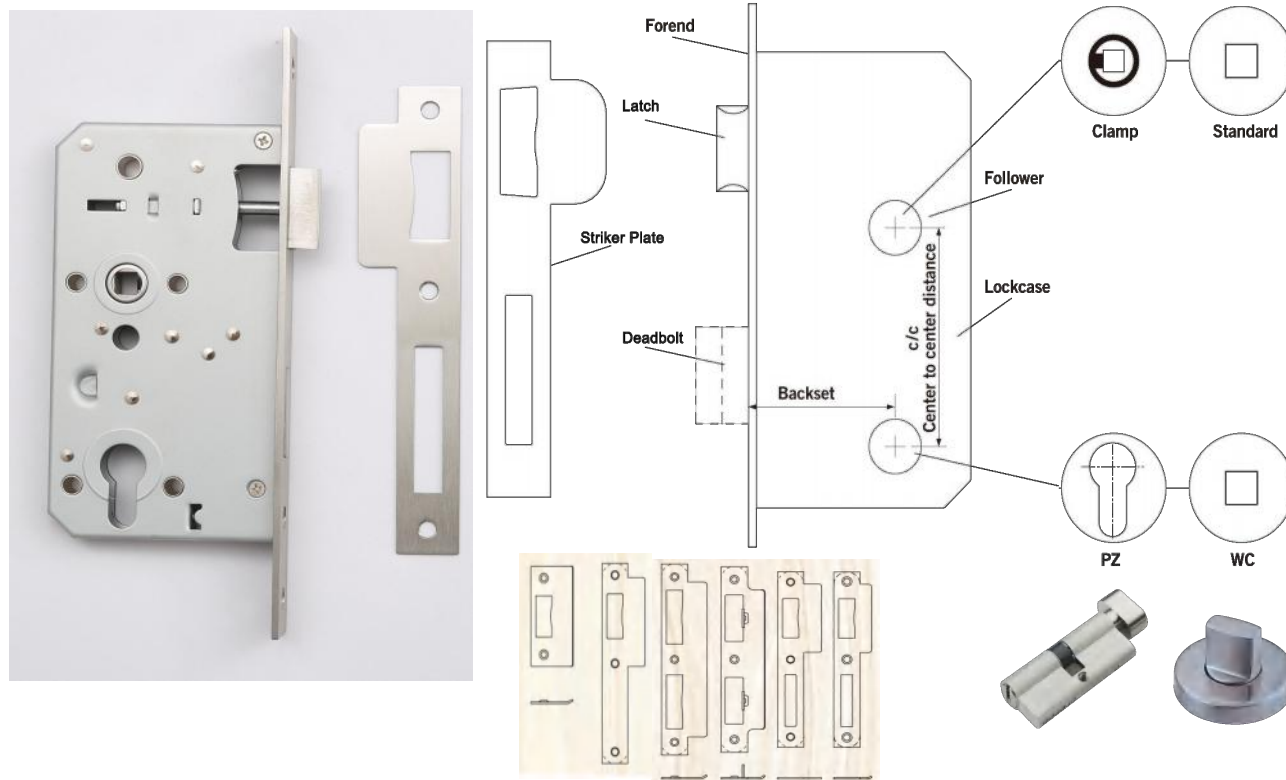
### Technical Details

- \* 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

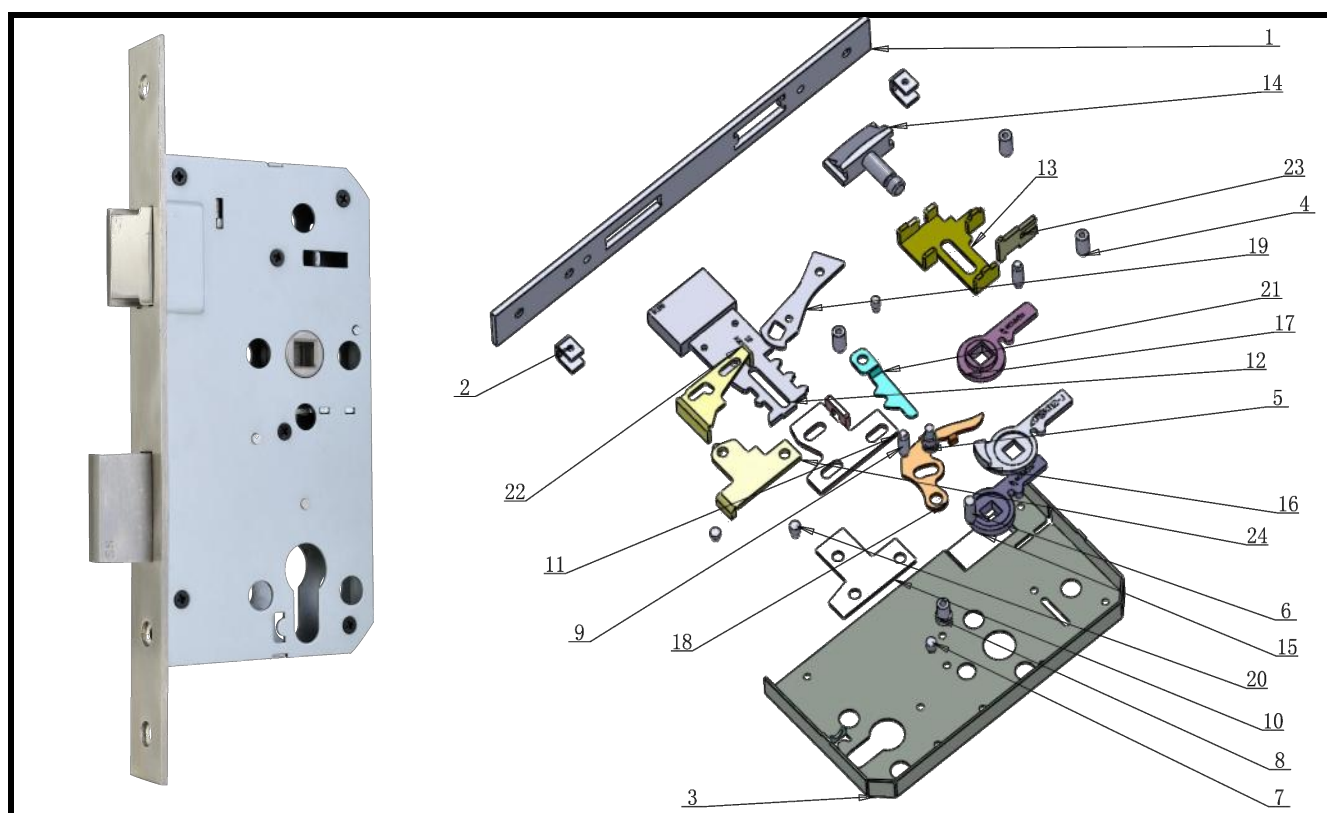


( If needs full pages/ originla copies of EN12009, Fire report or CE Certificate, please contact with sales representative)

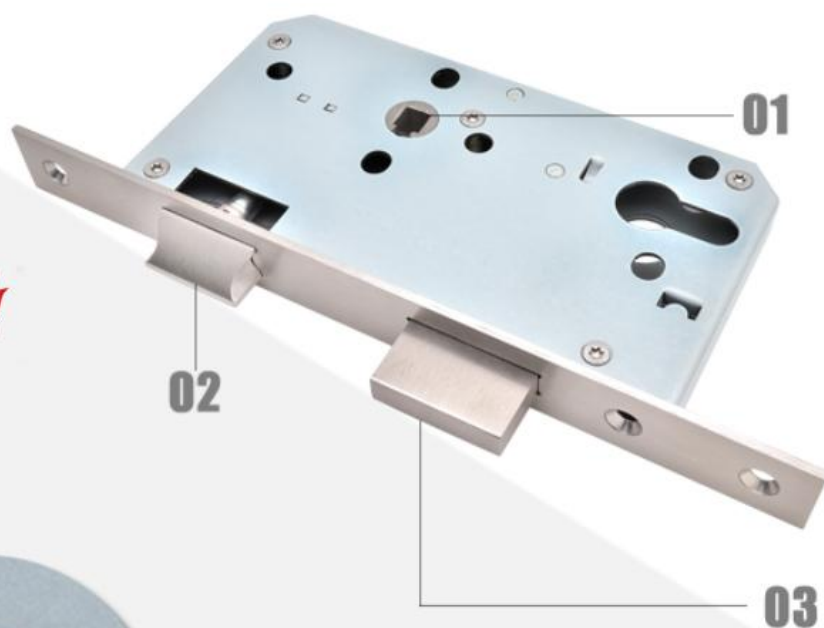
## Lock Details



## Lockcase BOM



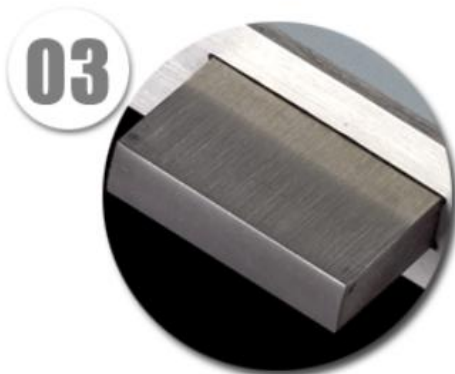




Follower: **SOLID CASTING**  
8 x 8 mm

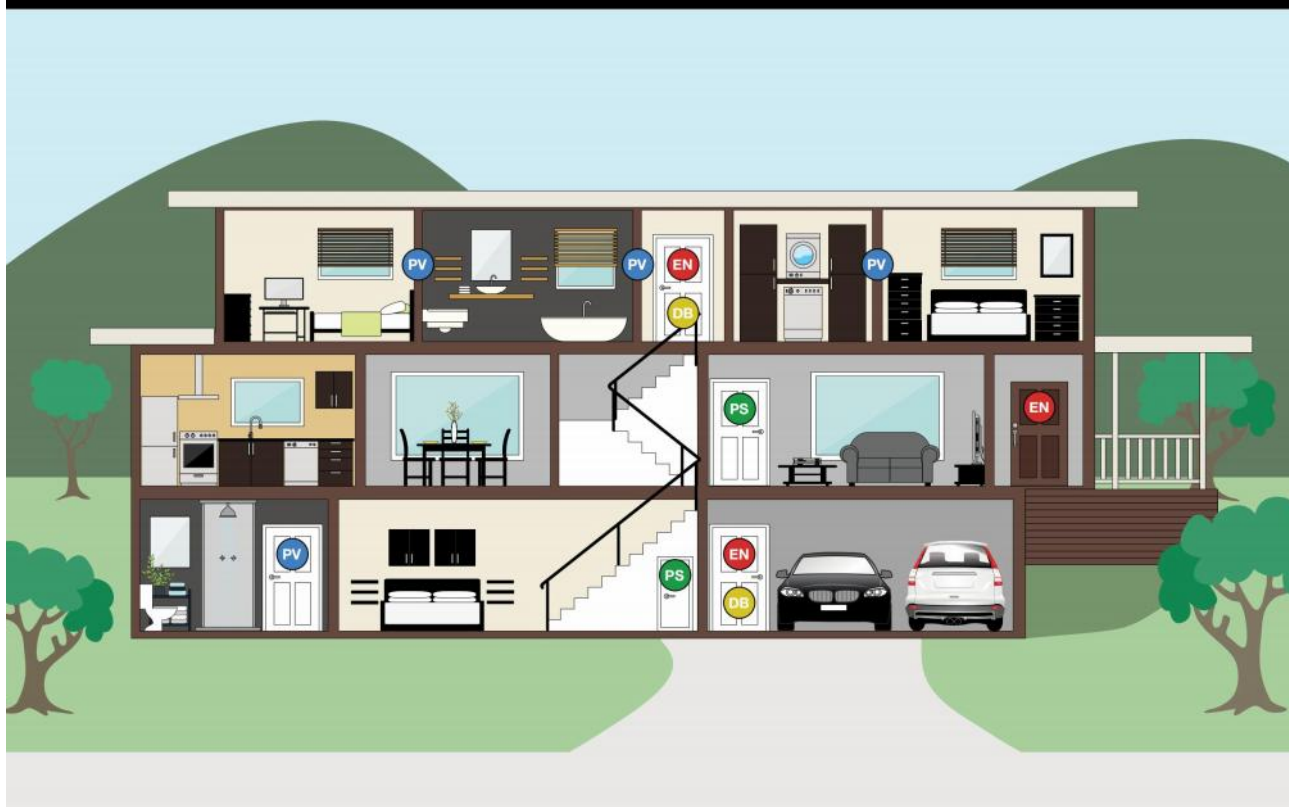


Latch: **SS304**  
200,000 test cycles  
with 120N load on  
latch bolt



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

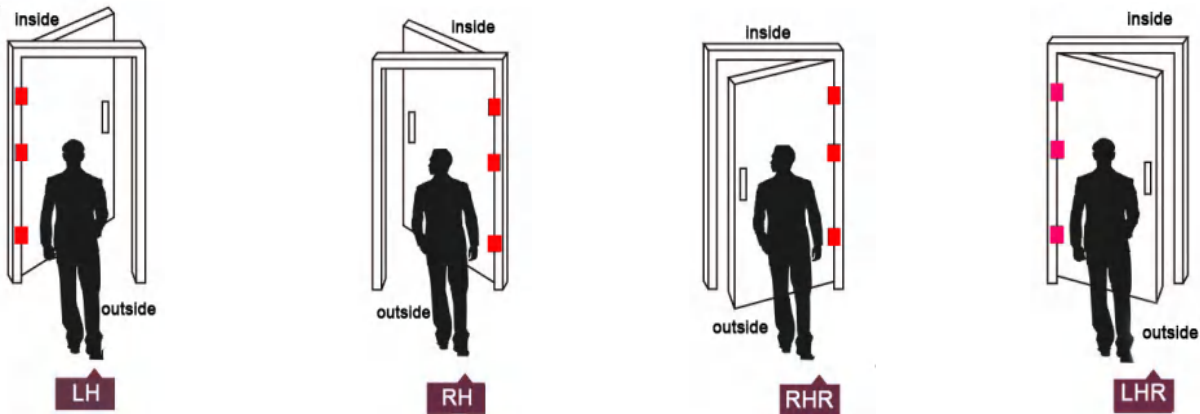
STEP 1	WOOD/STEEL DOOR SWING INSIDE HOUSE - RIGHT HAND
STEP 2	DOOR IS 50MM THICK
STEP 3	BACKSET IS 60MM
STEP 4	FINISH = SATIN NICKEL

### 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

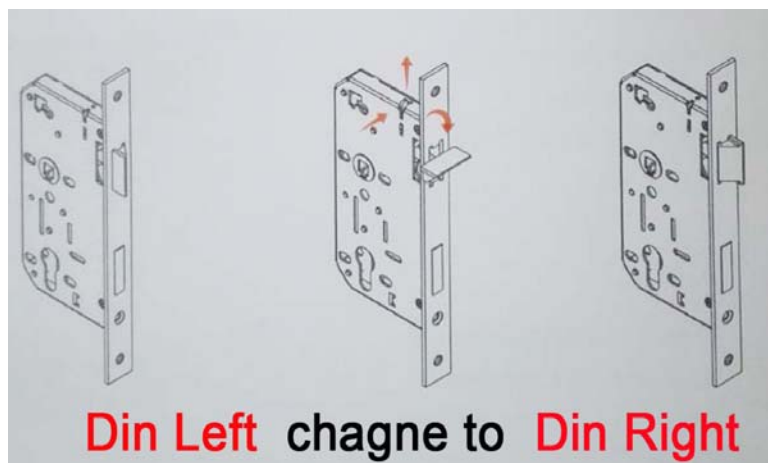


## Latch Reversible Direction

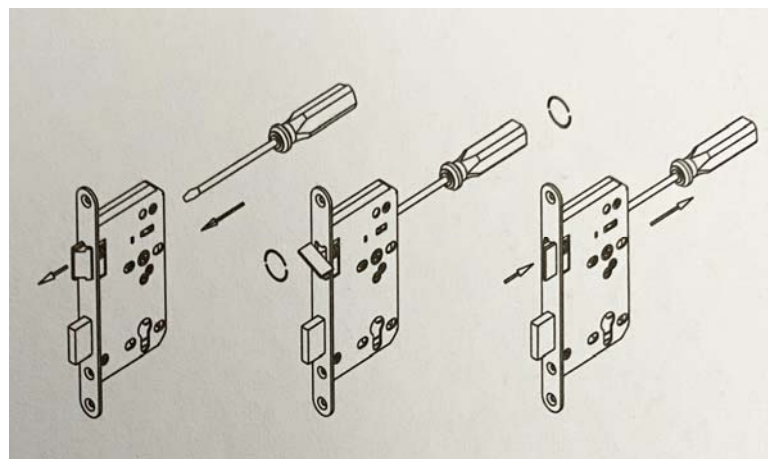
**Din Left:** The straight side of the latch point to the left.

**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.





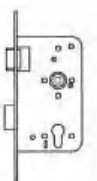


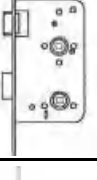

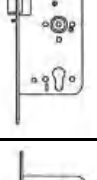
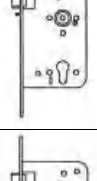
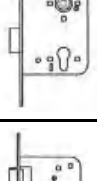
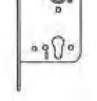
## Finish Chart

ANSI Code	US Code	Finish Description	Base Material	Common Names
600	USP	Primed for painting	Steel	
601	US1B	Bright black japanned	Steel	
603	US2G	Zinc plated	Steel	
604		Zinc plated and dichromate sealed	Steel	
605	US3	Bright brass, clear coated	Brass	Polished Brass
606	US4	Satin brass, clear coated	Brass	Brushed/Satin Brass
609	US5	Satin brass, blackened, satin relieved, clear coated	Brass	Antique Brass
610	US7	Satin brass, blackened, bright relieved, clear coated	Brass	
611	US9	Bright bronze, clear coated	Bronze	Polished Bronze
612	US10	Satin bronze, clear coated	Bronze	Brushed/Satin Bronze
613	US10B	Dark oxidized, satin bronze, oil rubbed	Bronze	Duro, Duranodic
616	US10A	Satin bronze, blackened, satin relieved, clear coated	Brass, Bronze	
“”	US11	SAME AS ABOVE	Brass, Bronze	
618	US14	Bright nickel plated, clear coated	Brass, Bronze	Polished Nickel
619	US15	Satin nickel plated, clear coat	Brass, Bronze	Brushed/Satin Nickel
620	US15A	Satin nickel plated, blackened, satin relieved, clear coated	Brass, Bronze	Antique Nickel
621	US17A	Nickel, blackened, relieved, clear coated	Brass, Bronze	
622	US19	Flat Black Coated	Brass, Bronze	
624	US20A	Dark oxidized, statuary bronze, clear coated	Bronze	
625	US26	Bright chromium plated	Brass, Bronze	Polished Chrome
626	US26D	Satin Chromium plated	Brass, Bronze	Brushed/Satin Chrome
627	US27	Satin aluminum, clear anodized aluminum	Aluminum	
628	US28	Satin aluminum, clear anodized	Aluminum	
629	US32	Bright Stainless Steel	Stainless Steel	Polished Stainless
630	US32D	Satin stainless steel	Stainless Steel	Brushed/Satin Stainless
631	US19	Flat Black Coated	Steel	
632	US3	Bright brass, clear coated	Steel	
633	US4	Satin brass, clear coated	Steel	
636	US7	Satin brass, blackened, bright relieved, clear coated	Steel	
637	US9	Bright bronze, clear coated	Steel	
638	US5	Satin brass, blackened, satin relieved, clear coated	Steel	
639	US10	Satin bronze, clear coated	Steel	
640	US10B	Dark oxidized, satin bronze, oil rubbed	Steel	
643	US10A	Satin bronze, blackened, satin relieved, clear coated	Steel	
“”	US11	SAME AS ABOVE	Steel	
643E	US11	Aged Bronze (Schlage Commercial)		
645	US14	Bright nickel plated, clear coated	Steel	
646	US15	Satin nickel plated, clear coat	Steel	
647	US15A	Satin nickel plated, blackened, satin relieved, clear coated	Steel	
648	US17A	Nickel, blackened, relieved, clear coated	Steel	
651	US26	Bright chromium plated	Steel	
652	US26D	Satin Chromium plated	Steel	
716		Aged Bronze		





## 72 Series Euro Mortise Lock

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

## Mortise Sash Lock

Locks for interior and exterior doors.,e.g. in public buildings

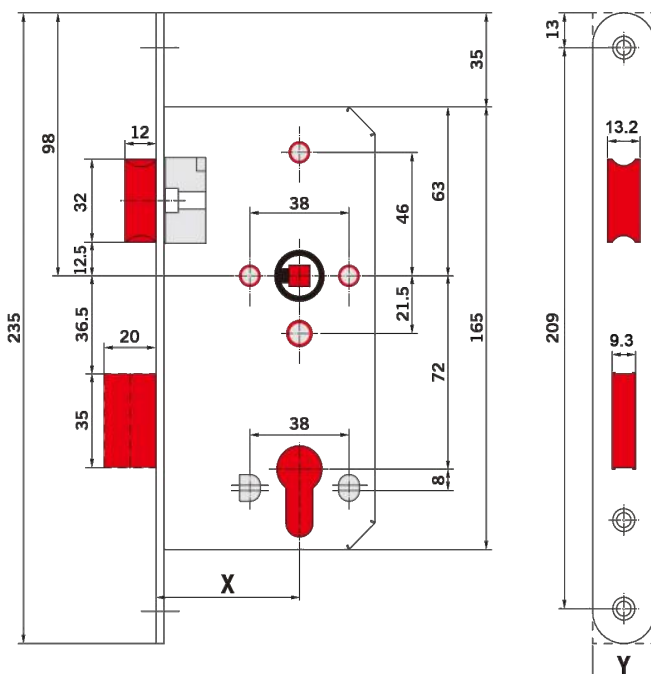
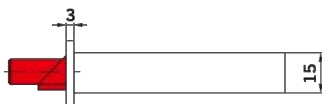
### Features

**Outside** Opened by handle when unlocked  
Lever withdraws latchbolt.  
Keys locks or unlocks deadbolt.  
Keys withdraws latchbolt.

**Inside** Opened by handle when unlocked.  
Lever handle withdraws latchbolt.  
Key/thumbturn locks/unlocks the deadbolt  
key or thumbturn withdraws latchbolt.



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### Possible Variation

**Backset: X**

55MM 60MM

**Dimension of forend:Y**

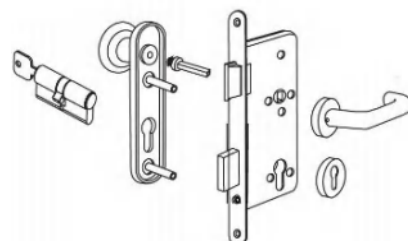
Rounded 20mm\*235mm

Square 24mm\*240mm



Locks are prepared for use with  
rose handle/plate handle/cylinder

(More models ,contact with sales representative)



## Passage Mortise Lock

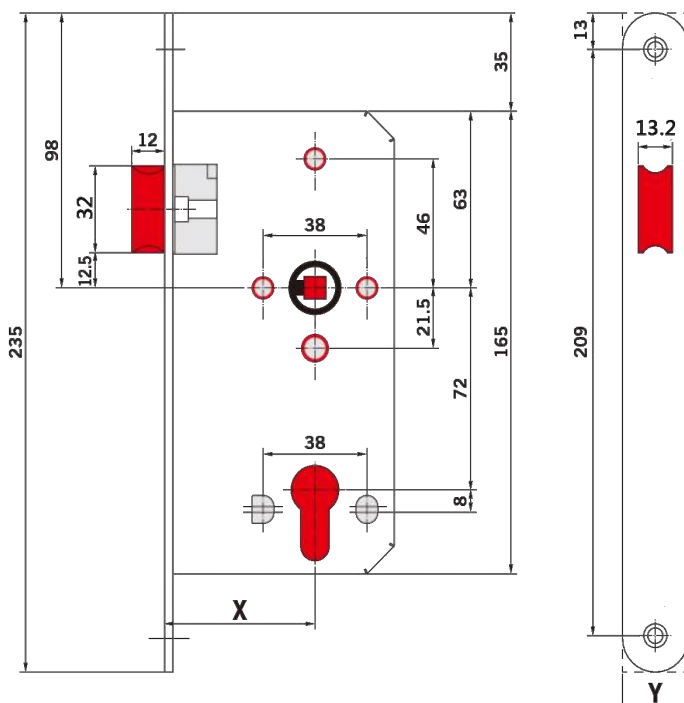
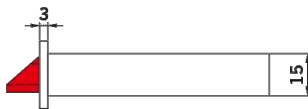
Latchbolt opened by handle from either side .

### Features

- \* For lever handles
- \* For flush timber or steel doors
- \* Latch handling is reversible
- \* Casting follower, stainless steel, square hole,
- \* Latch bolt, stainless steel ,satin finishing
- \* Centered forend, satin stainless steel
- \* 3.0mm thickness of forend
- \* Supplied mortise with striker plate ,dust box, and fixing accessories



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### Possible Variation

#### Backset: X

55MM 60MM

#### Dimension of forend: Y

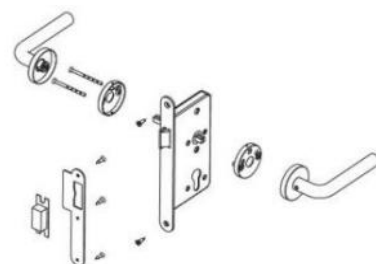
Rounded 20mm\*235mm

Square 24mm\*240mm



Locks are prepared for use with single handle

(More models ,contact with sales representative)



## Mortise Dead Lock

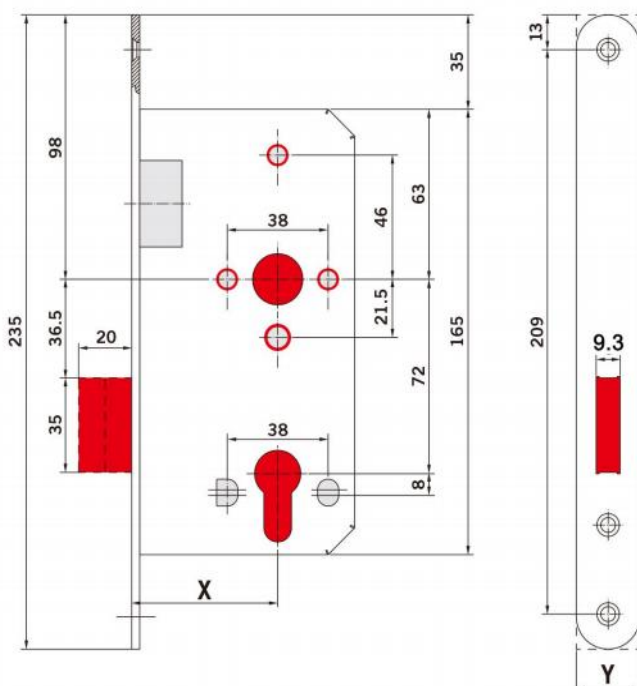
Deadbolt is locked or unlocked by keys or thumbturn.

### Features

- \* For flush timber or steel doors
- \* Lock case prepared for Euro profile cylinder and standard fittings
- \* Centered forend, satin stainless steel
- \* Dead bolt 2-turns (double throw)
- \* 3.0mm thickness of forend
- \* Supplied mortise with striker plate, dust box, and fixing accessories



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### Possible Variation

Backset: X

55MM 60MM

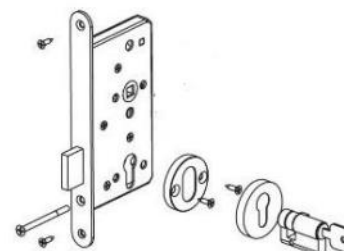
Dimension of forend: Y

Rounded 24mm\*235mm  
Square 24mm\*240mm



Locks are prepared for use with cylinder and thumbturn

(More models ,contact with sales representative)





## Privacy Mortise Lock (Bathroom/W.C. Room)

Locks for bathroom/W.C room doors.

### Features

**Outside** Opened by handle except deadbolt is thrown by thumbturn from inside. Bolt maybe unlocked from outside by coin or screwdriver or by operating the slotted emergency button.

**Inside** Opened by handle except deadbolt is thrown by inside thumbturn

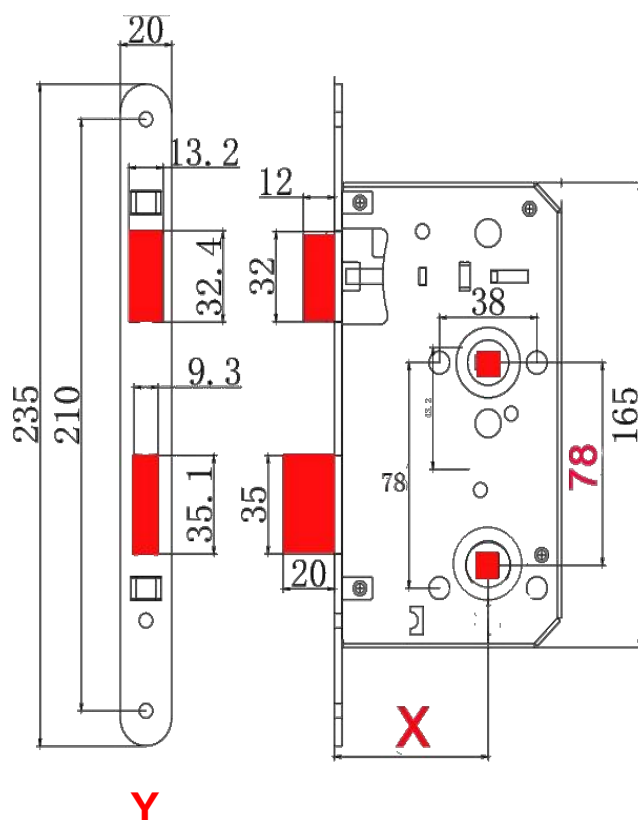
### Note:

Center to Center :78mm

Deadbolt : 1-turn (single throw )



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### Possible Variation

#### Backset: X

55MM 60MM

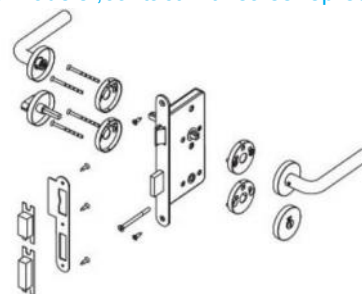
#### Dimension of forend:Y

Rounded 20mm\*235mm  
Square 24mm\*240mm



Locks are prepared for use with handle and thumbturn

(More models ,contact with sales representative)



## Privacy Mortise Lock (Bathroom/W.C. Room)

Locks for bathroom/W.C room doors.

### Features

**Outside** Opened by handle except deadbolt is thrown by thumbturn from inside. Bolt maybe unlocked from outside by coin or screwdriver or by operating the slotted emergency button.

**Inside** Opened by handle except deadbolt is thrown by inside thumbturn

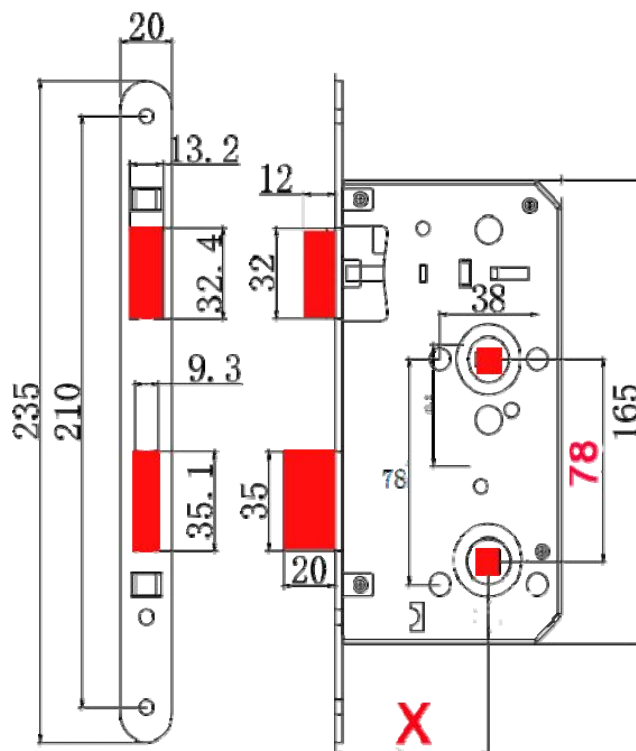
### Note:

Center to Center :78mm

Deadbolt : 1-turn (single throw )



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### Possible Variation

#### Backset: X

55MM 60MM

#### Dimension of forend:Y

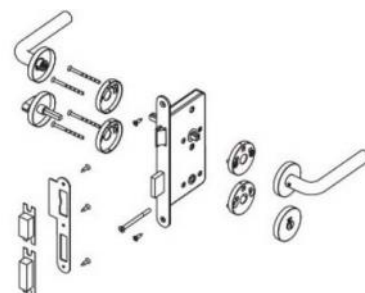
Rounded 20mm\*235mm

Square 24mm\*240mm



Locks are prepared for use with handle and thumbturn

(More models ,contact with sales representative)



## Roller Bolt Entrance Lock

### Features

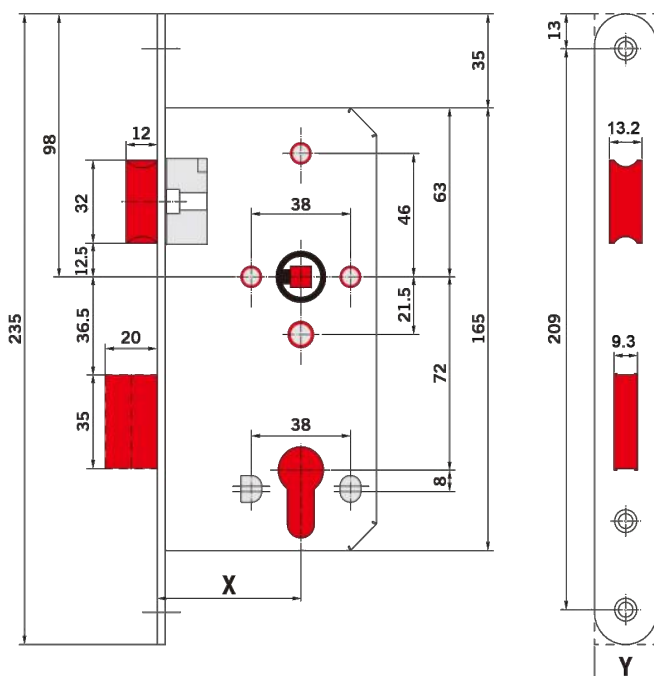
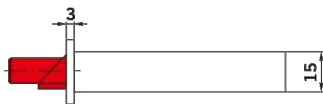
**Outside** Bolt is locked or unlocked by key or thumbturn.

**Inside** Bolt is locked or unlocked by key or thumbturn.

**Note:** Roller bolt can always open the door from inside and outside when door is unlocked.  
Roller bolt is not operated by handles.



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### Possible Variation

**Backset: X**

55MM 60MM

**Dimension of forend: Y**

Rounded 20mm\*235mm  
Square 24mm\*240mm



Locks are prepared for use with cylinder and thumbturn

(More models ,contact with sales representative)

## Classroom Mortise Lock

CLASSROOM SECURITY LOCKS allow control of the outside lever via key cylinders on both the inside and outside of the door.

This allows a teacher to lock the classroom door during a lockdown event without opening the door and possibly being exposed to an intruder in the corridor.

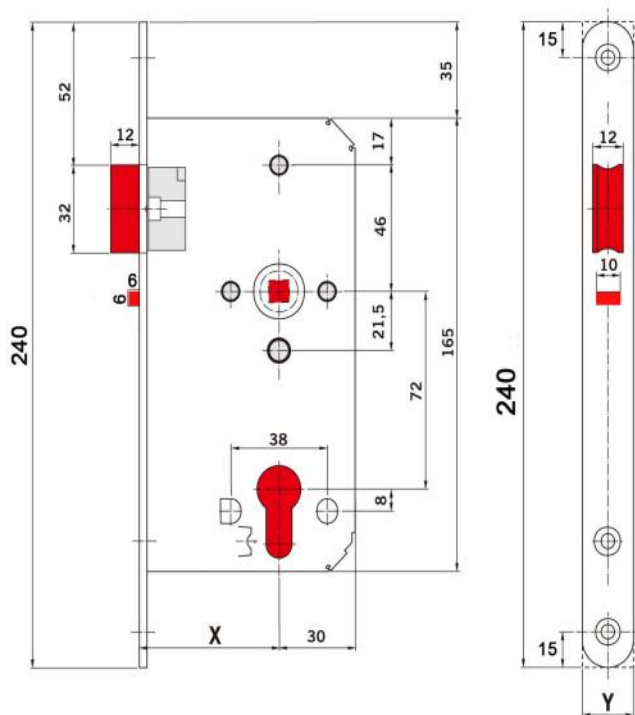
## Features

**Outside** Opened by handle except when handle is made inoperative by key from outside. Keys locks or unlocks outside handle.

**Inside** Lever handle always allows to egress.



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## Possible Variation

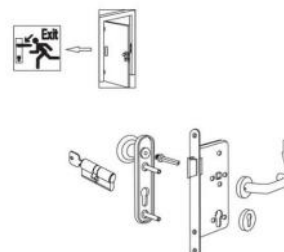
**Backset: X**  
60MM

**Dimension of forend: Y**  
Square 24mm\*240mm



Locks are prepared for use with rose handle/plate handle/cylinder

(More models ,contact with sales representative)





## Storeroom Mortise Lock

(Mortise Night Latch)

For use on storeroom, dormitory, exit doors and some public buildings.

Every entrance needs a key to open ,but inside lever handle can egress always .

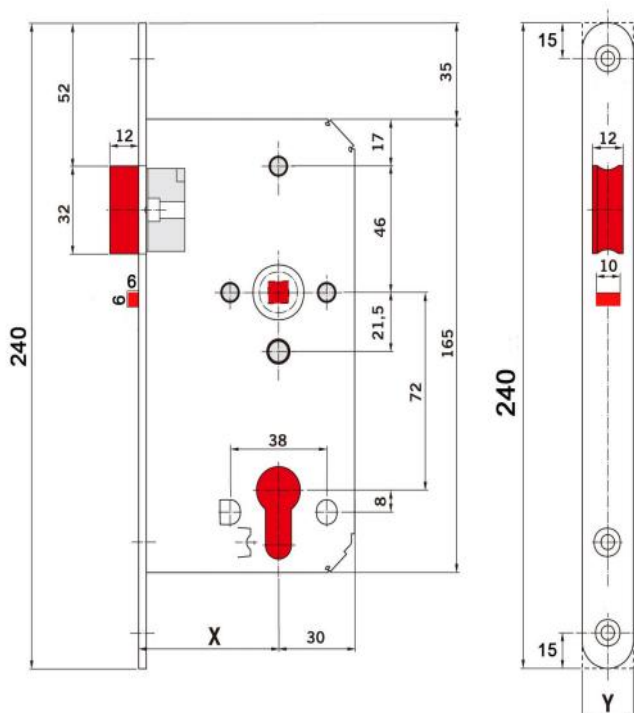
## Features

**Outside** Always requires a key to retract the latch.  
Lever handle is rigid at all time

**Inside** Lever handle always allows to egress.



EN12209  
EN1634  
CE



## Possible Variation

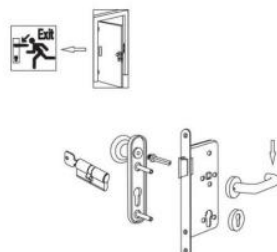
**Backset: X**  
60MM

**Dimension of forend:Y**  
Square 24mm\*240mm



Locks are prepared for use with  
rose handle/plate handle/cylinder

(More models ,contact with sales representative)



## Panic Exit Mortise Lock

Locks for interior and exterior doors.,e.g. in public buildings

### Features

**Outside** Outside handle is made inoperative by key from outside.  
Or by key/thumbturn from inside.  
Keys locks or unlocks the outside handle only.

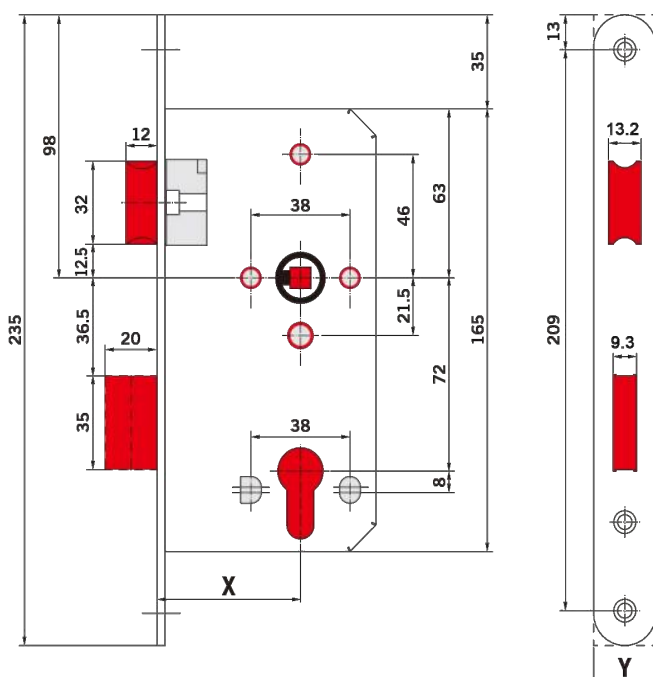
**Inside** Key or thumbturn locks the deadbolt  
Lever handle always allows to egress.

**Note:** For emergency exit,inside handle can pull down and open the door at anytime .

EN12209

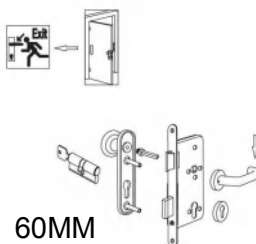
EN1634

CE



### Possible Variation

Backset: X



### Dimension of forend:Y

Rounded 20mm\*235mm  
Square 24mm\*240mm

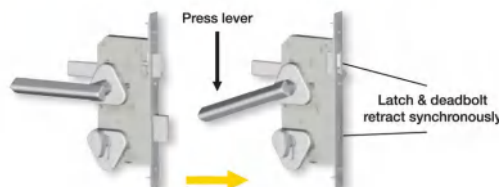


Locks are prepared for use with  
rose handle/plate handle/cylinder

(More models ,contact with sales representative)

### Special Features:Anti-panic Function

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



## Night Mortise Lock

In 1838, first known use of NIGHT LATCH  
A door lock having a spring bolt operated from the outside by a key and from inside by a knob.  
Available as dead locking  
(Automatically locks once shut)  
and non-locking version .

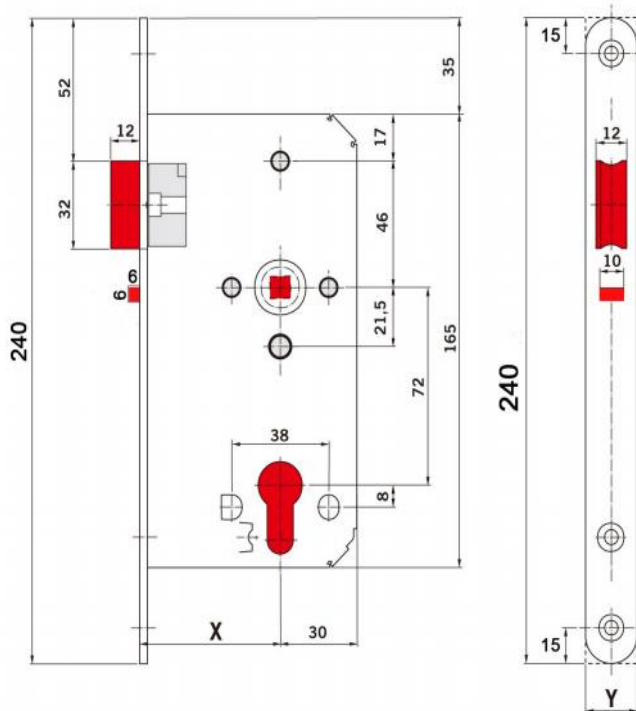
## Features

**Outside** Operated by key outside.  
Locks automatically when door is closed.

**Inside** Opened by handle at all times



EN12209  
EN1634  
CE



### Possible Variation

**Backset: X**  
55MM 60MM

**Dimension of forend: Y**  
20mm  
22mm  
24mm



Locks are prepared for use with  
rose handle/plate handle/cylinder  
(More models ,contact with sales representative)

## Mortise Sashlock

(motor/sensor optional)

## Features

- \* For lever handles
- \* For flush timber or steel doors
- \* Latch case prepared for standard fitting and Euro profile cylinder
- \* Latch handling is reversible
- \* Latch bolt, stainless steel, satin finishing
- \* Centered forend, satin stainless steel
- \* Anti-thrust latch
- \* 3.0mm thickness of forend
- \* Supplied mortise with striker plate, dust box, and fixing accessories

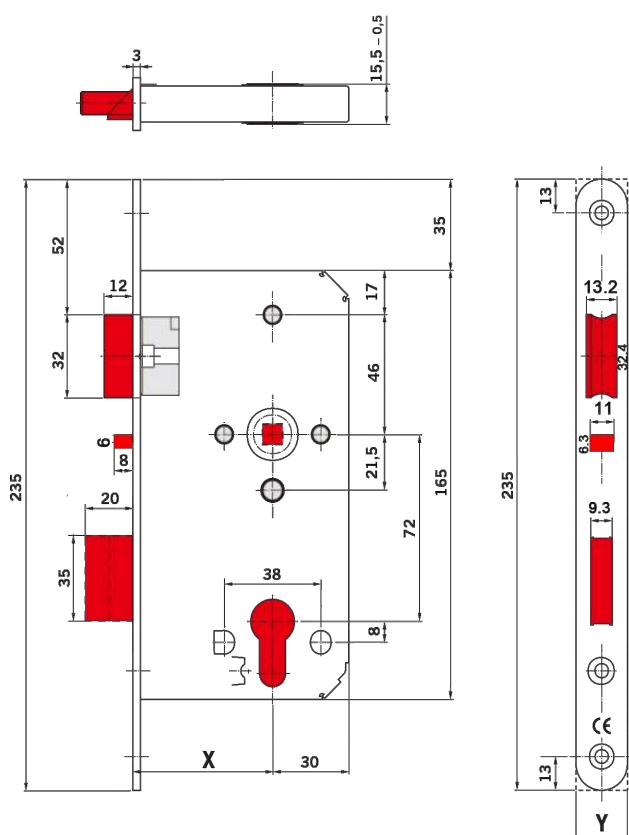


EN12209



EN1634

CECE



## Possible Variation

**Backset: X**

60MM

**Dimension of forend:Y**

Rounded 24mm\*235mm

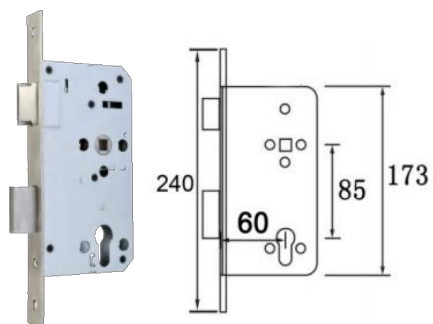
Square 24mm\*240mm



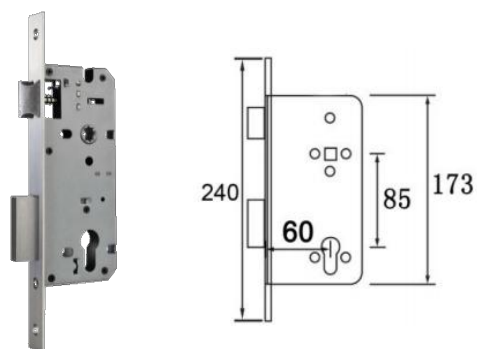
Locks are prepared for use with  
rose handle/plate handle/cylinder

(More models ,contact with sales representative)

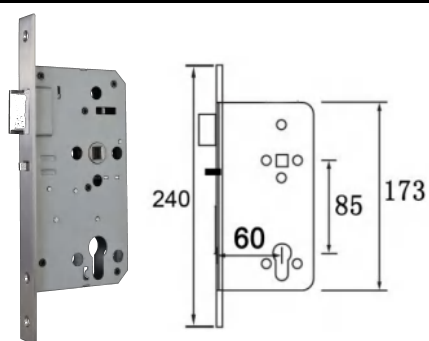




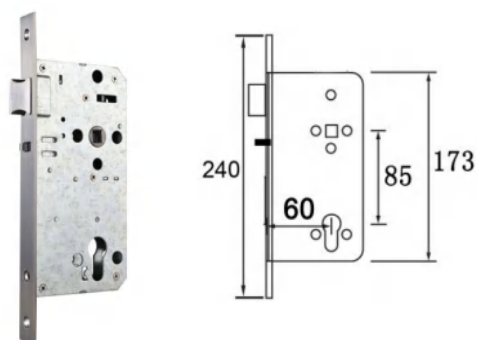
6085 Anti-panic Lock



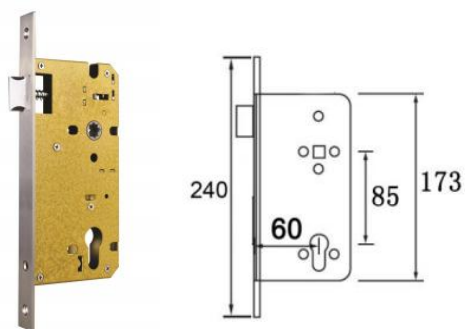
6085 Sash Lock



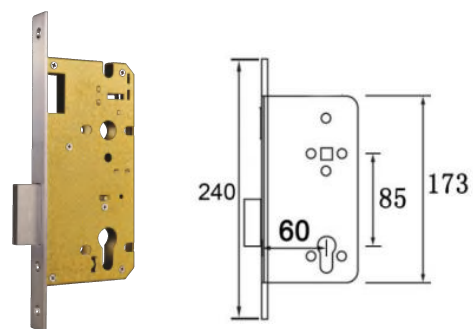
6085 Classroom Lock



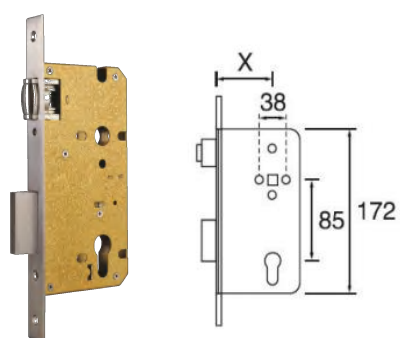
6085 Storeroom Lock



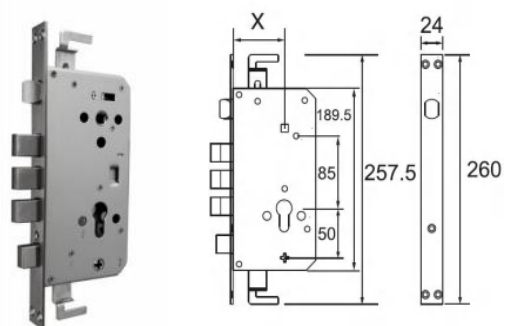
6085 Passage Lock



6085 Dead Lock

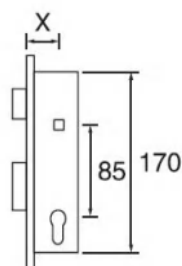


6085 Roller Lock



6085 Multiple Point

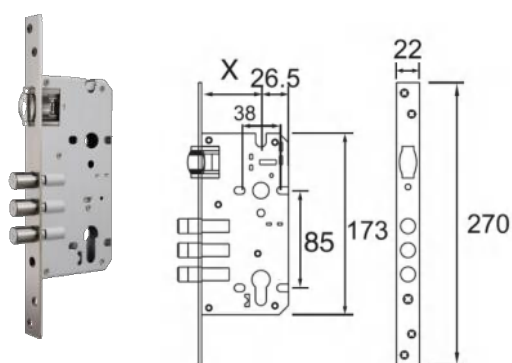
## Narrow Profile Mortise Lock



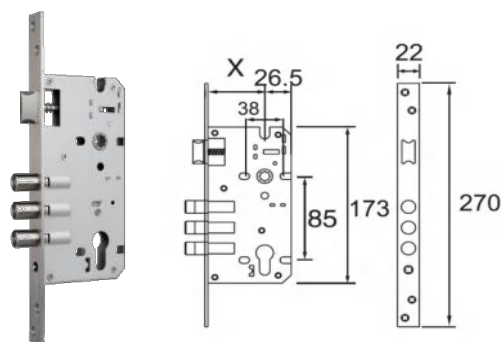
**X:**  
 20mm 25mm  
 30mm 35mm  
 40mm

Roller Lock    Sash Lock    Passage Lock    Dead Lock

## Multiple Point Mortise Lock

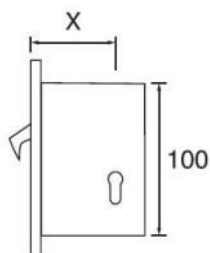


**X: 50/60mm**  
 Multiple Point Roller



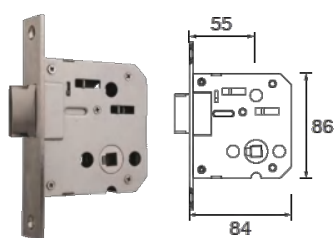
**X: 50/60mm**  
 Multiple Point Entrance

## Sliding Door Hook Lock

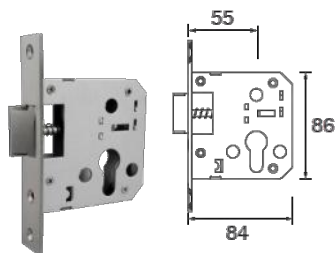


**X:**  
 20mm  
 30mm  
 40mm  
 50mm  
 60mm

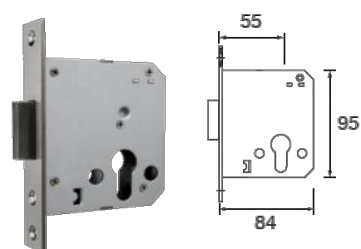
## 55 Small Mortise Lock



55 Passage Lock

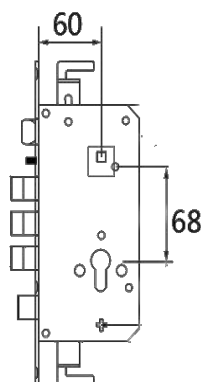


55 Latch Lock



55 Dead Lock

## 6068 E-Lock

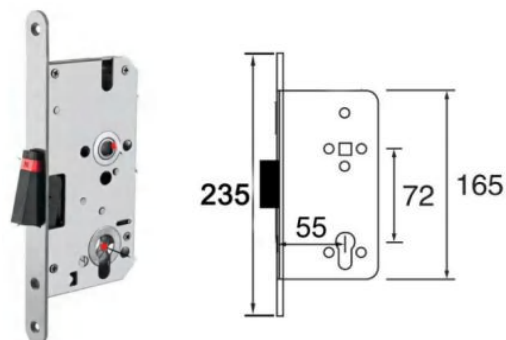


6068 E-Lock with Motor and sensor inside

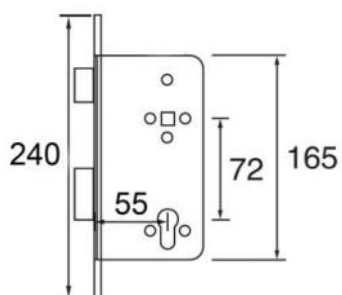
## Magnetic Mortise Lock



5072 Magnetic Lock

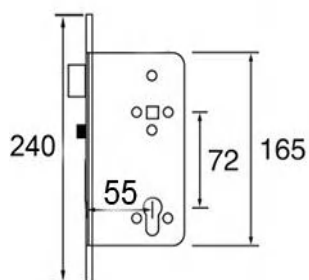


5572 Magnetic Lock



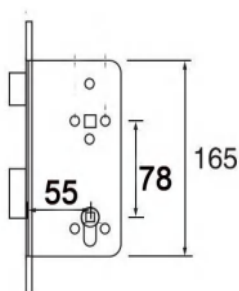
TSM-063

5572 普通锁  
5572 Entrance Lock



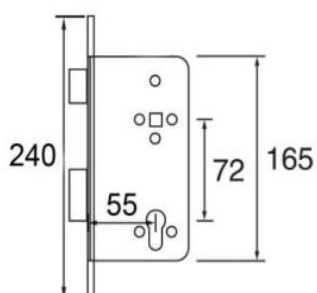
TSM-207

5572 夜锁  
5572 Night Latch Lock



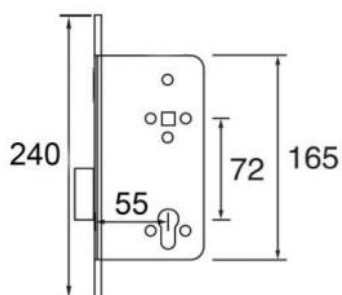
TSM-210

5578 卫浴锁  
5578 Privacy Lock



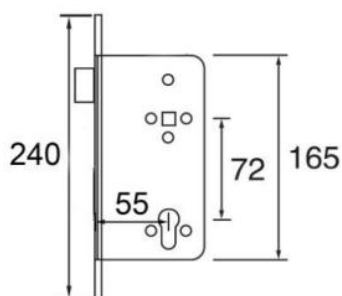
TSM-075

5572 碰珠锁  
5572 Roller Lock



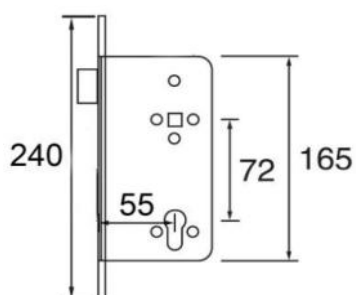
TSM-069

5572 单方舌锁  
5572 Dead Lock



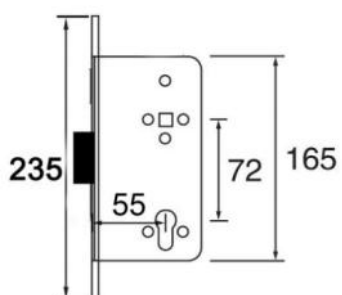
TSM-183

5572 单斜舌锁  
5572 Latch Lock



TSM-067

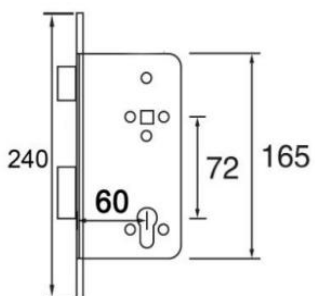
5572 通道锁  
5572 Passage Lock



TSM-185

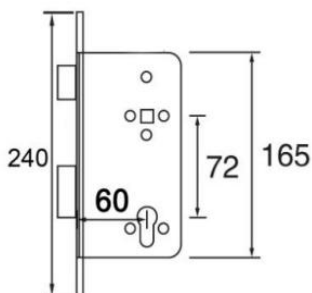
5572 磁力锁  
5572 Magnetic Lock





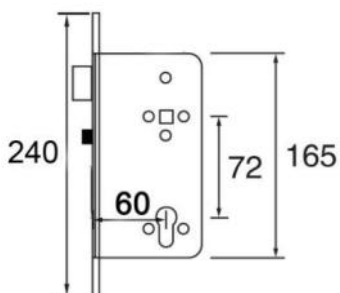
### TSM-021

6072 普通锁  
6072 Entrance Lock



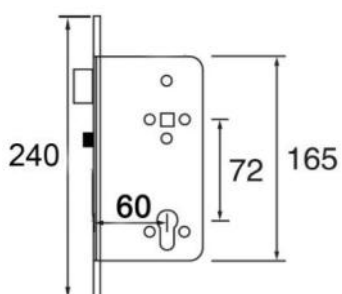
### TSM-01

6072 逃生锁  
6072 Anti-panic Lock



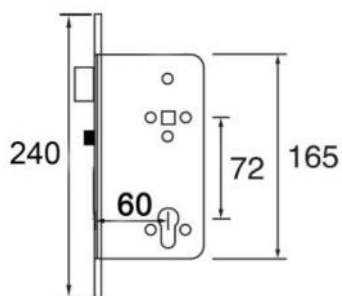
### TSM-02

6072 教室锁  
6072 Classroom Lock



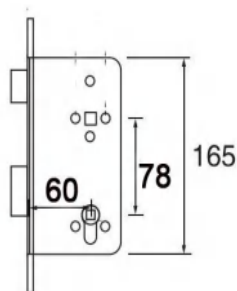
### TSM-05

6072 仓库锁  
6072 Storeroom Lock



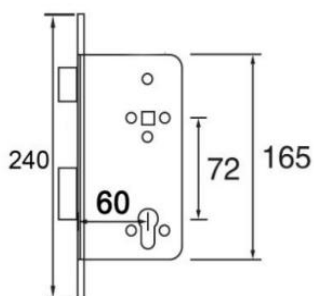
TSM-208

6072 夜锁  
6072 Night Latch Lock



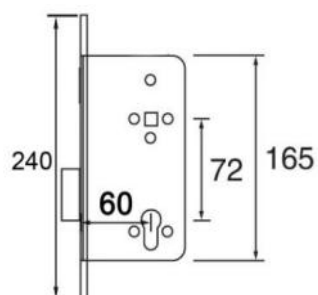
TSM-191

6078 卫浴锁  
6078 Privacy Lock



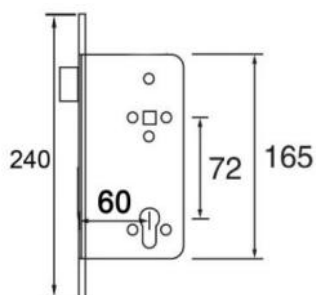
TSM-03

6072 碰珠锁  
6072 Roller Lock



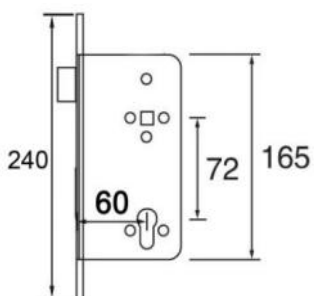
TSM-071

6072 单方舌锁  
6072 Dead Lock



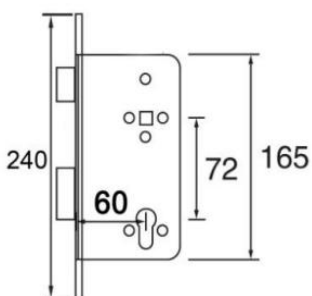
### TSM-031

6072 单斜舌锁  
6072 Latch Lock



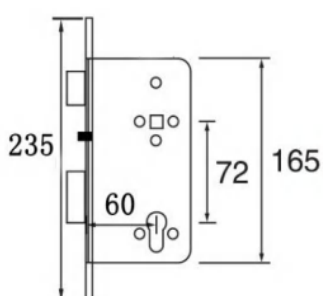
### TSM-068

6072 通道锁  
6072 Latch Lock



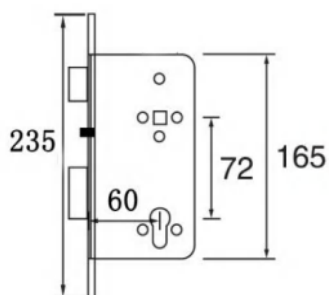
### TSM-186

6072 一段双快提拉锁  
6072 One Turn Dead Bolt Lock  
(Anti-panic B Lock)



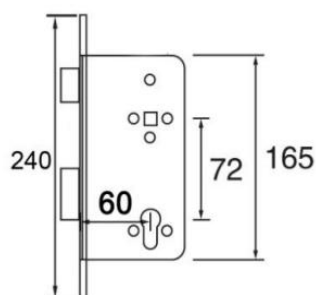
### TSM-188

6072 防插双快电子锁  
6072 Anti-Thrust Sash Lock



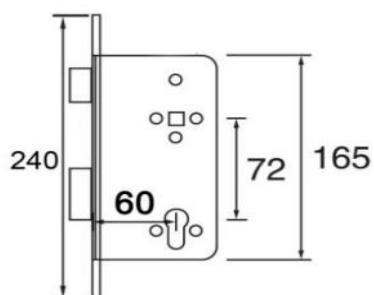
TSM-189

6072 防插双快电子锁  
6072 Anti-Thrust Sash Lock  
(with sensor)



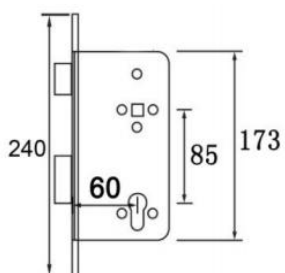
TSM-04EH

6072 电子锁  
6072 Mortise Sash Lock  
(with sensor and motor)



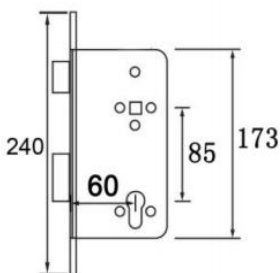
TSM-04EH

6072 普通进门锁  
6072 Mortise Sash Lock  
(without sensor and motor)



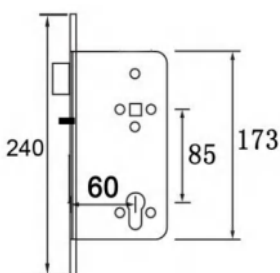
TSM-107

6085 普通锁  
6085 Entrance Lock



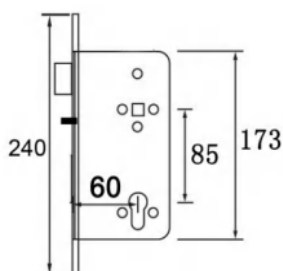
TSM-01A

60785 逃生锁  
6085 Anti-panic Lock



TSM-088

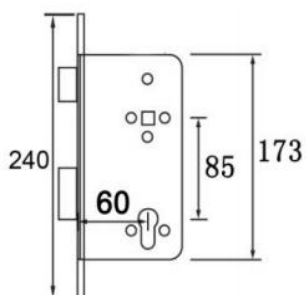
6085 教室锁  
6085 Classroom Lock



TSM-087

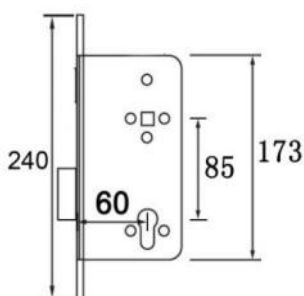
6085 仓库锁  
6085 Storeroom Lock





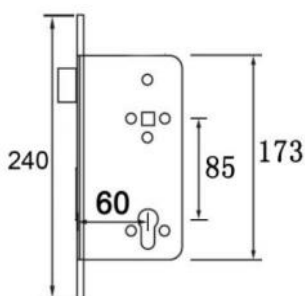
TSM-015

6085 碰珠锁  
6085 Roller Lock



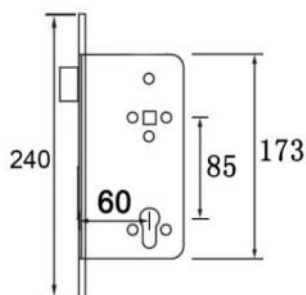
TSM-018

6085 单方舌锁  
6085 Dead Lock



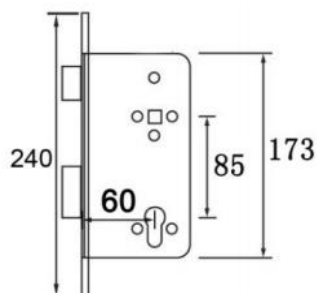
TSM-017

6085 单斜舌锁  
6085 Latch Lock



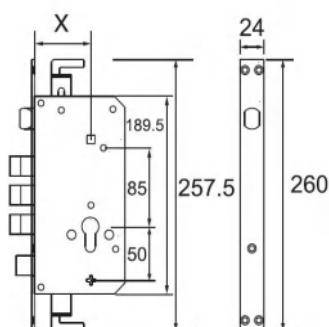
TSM-119

6085 通道锁  
6085 Passage Lock



## TSM-060

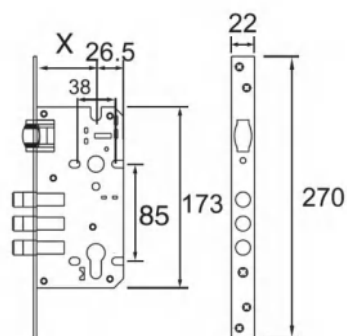
6085 一段双快锁  
6085B Anti-panic Lock  
(One Turn Dead Bolt)



## TSM-209

X=60mm

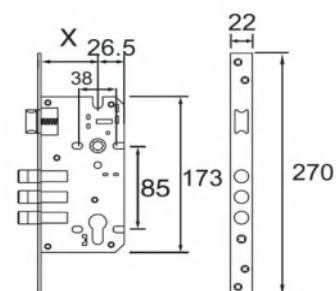
6085 三杆锁  
6085 Multiple Point Lock



## TSM-020

X=60mm

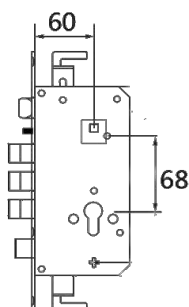
6085 三圆柱碰珠锁  
6085 Roller Lock



## TSM-029

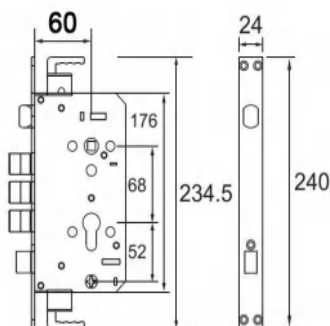
X=60mm

6085 三圆柱进门锁  
6085 Entrance Lock



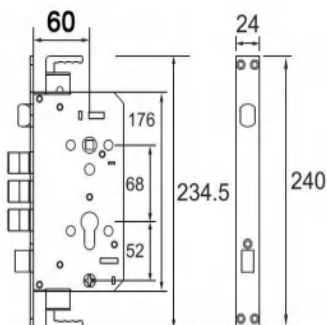
## TSM-206

6068 三杆电子锁内置电机  
6068 E-LOCK with Motor



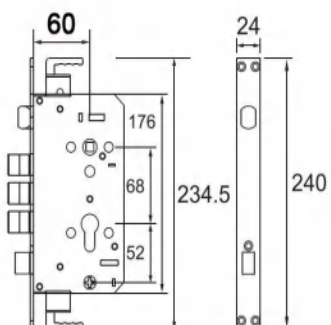
## TSM-211

6068 三杆电子锁不含电机  
6068 E-LOCK w/o Motor



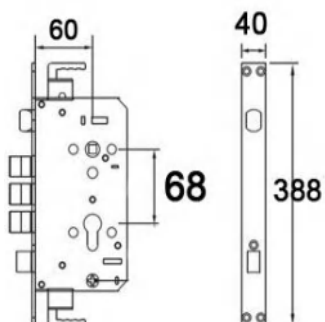
## TSM-212

6068 三杆电子锁不含电机  
6068 E-LOCK w/o Motor



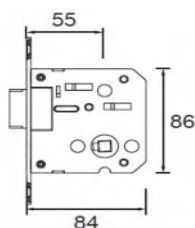
TSM-213

6068 圆柱锁  
6068 Entrance Lock



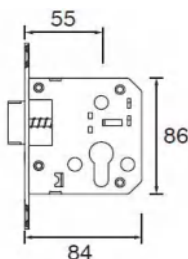
TSM-214

6068 大霸王锁  
6068 Entrance Lock



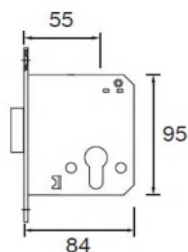
**TSM-032**

55 通道锁  
55 Passage Lock



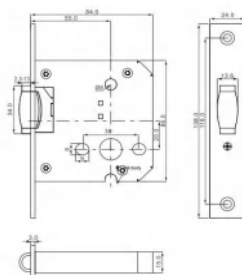
**TSM-033**

55 单斜舌锁  
55 Latch Lock



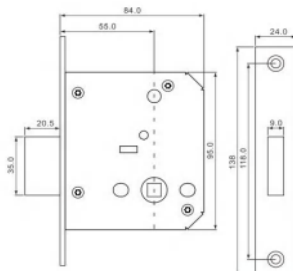
**TSM-034**

55 单方舌锁  
55 Dead Lock



**TSM-238**

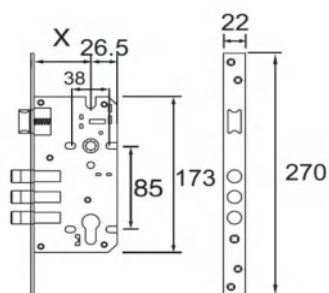
55 碰珠锁  
55 roller Lock



**TSM-034**

55 单方舌锁  
55 Dead Lock

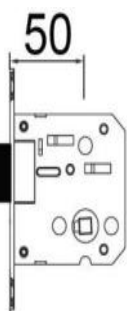




## TSM-200

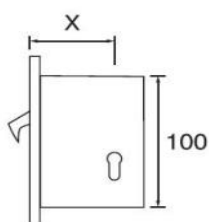
X=50mm

5085 三圆柱进门锁  
5085 Entrance Lock



## TSM-201

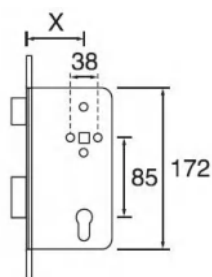
50 小磁力锁  
50 Small Magnetic Lock



## TSM-195

(X=20/30/40  
50/60mm)

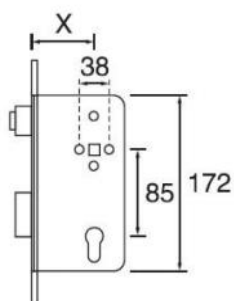
移门单钩锁  
Sliding Hook Lock



## TSM-193

(X=20/25/30/35  
40/45/50/55  
60/70mm)

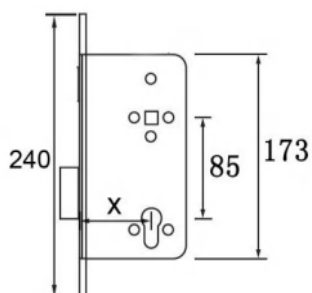
85 系列普通锁  
85 Entrance Lock



## TSM-192

(X=20/30/40/  
25/35/45/50  
55/70mm)

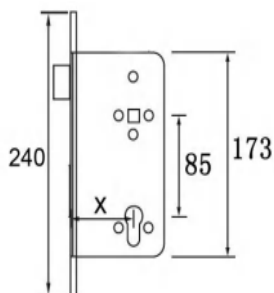
85系列碰珠锁  
85 Roller Lock



## TSM-197

(X=20/30/40/  
25/35/45/50  
55/70mm)

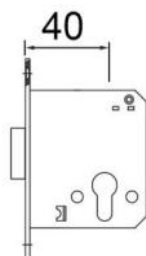
85系列单方舌锁  
85 Dead Lock



## TSM-196

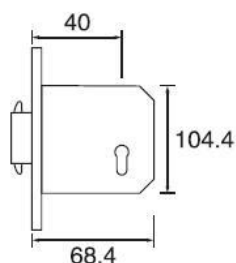
(X=20/30/40/  
25/35/45/50  
55/70mm)

85 系列通道锁  
85 Latch Lock



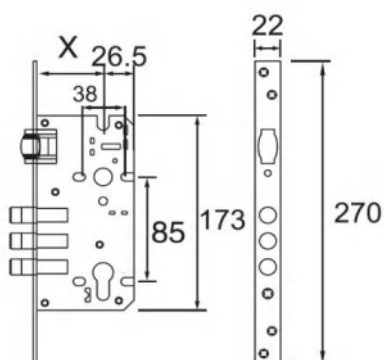
TSM-202

40 小单方舌锁  
40 Small Dead Lock



TSM-043

40 双钩锁锁  
40 Double Hook Lock



TSM-199

X=50mm  
5085 三圆柱碰珠锁  
5085 Roller Lock

# Cylinder



## Cylinder

### SD 6 Series Standard Cylinder

- \* 6 pins standard cylinder
- \* Mutual opening rate 1/100,000
- \* Different height of each pin group height
- \* High machining accuracy, tolerance 0.01mm
- \* Master key system available

Materials BRASS

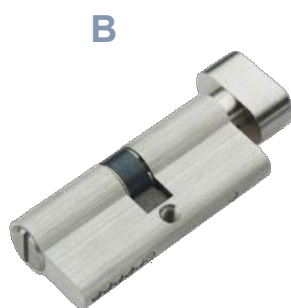
Finishing Nickel Plated

Keys 3 keys

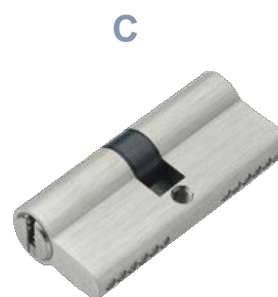
Note: The cylinder length is according to the door thickness and lock installation.



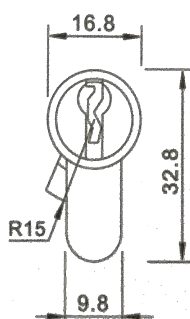
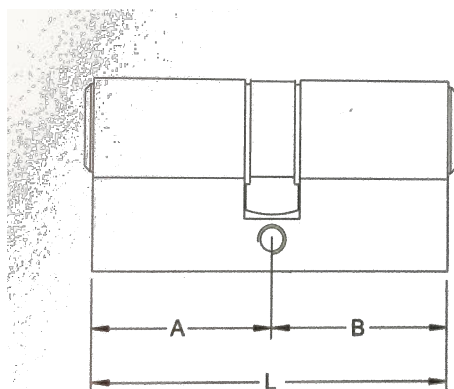
Thumbturn Cylinder



Privacy Cylinder



Double Cylinder



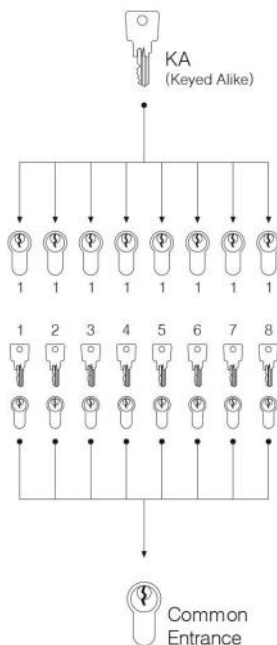
尺寸DIMENSIONS(mm)		
L	A	B
50	25	25
60	30	30
65	32.5	32.5
70	35	35
76	38	38
80	40	40
90	45	45
100	50	50
110	55	55



## Key Management

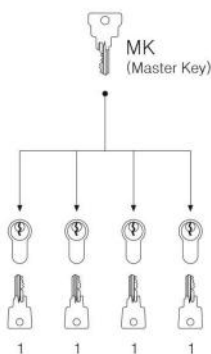
Cylinders to differ are all operated by individual keys all different to each other

In Keyed Alike arrangements all cylinders are operated by the same key. This gives an arrangement where one key will open a group of locks. No to be confused with a Master Keyed suite (see below). Cylinders can also be Keyed Alike to the euro profile, oval and rim cylinders. This is useful where a combination of cylinder mortice lock cases and cylinder rim nightlatches are being used.

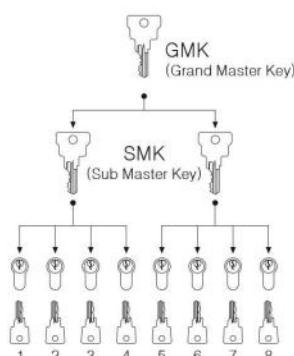


Common Entrance (or flat entrance) suites are designed to enable a tenant to use the same key for his own private doors as well as doors common to other residents within the same buildings. The Common Entrance feature can be incorporated within any Master Key suite.

In Master Key suites, a group of cylinders, each equipped with an individual servant key, is also operated by one special key known as the Master key. Keyed Alike groups can also be incorporated into any Master Key suite.

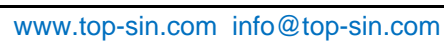


Grand Master Key suites are used when it is necessary to have more than one master key group. These groups are referred to as sub suites. In these instances all cylinders irrespective of their sub suite, are controlled by one key known as the Grand Master Key.

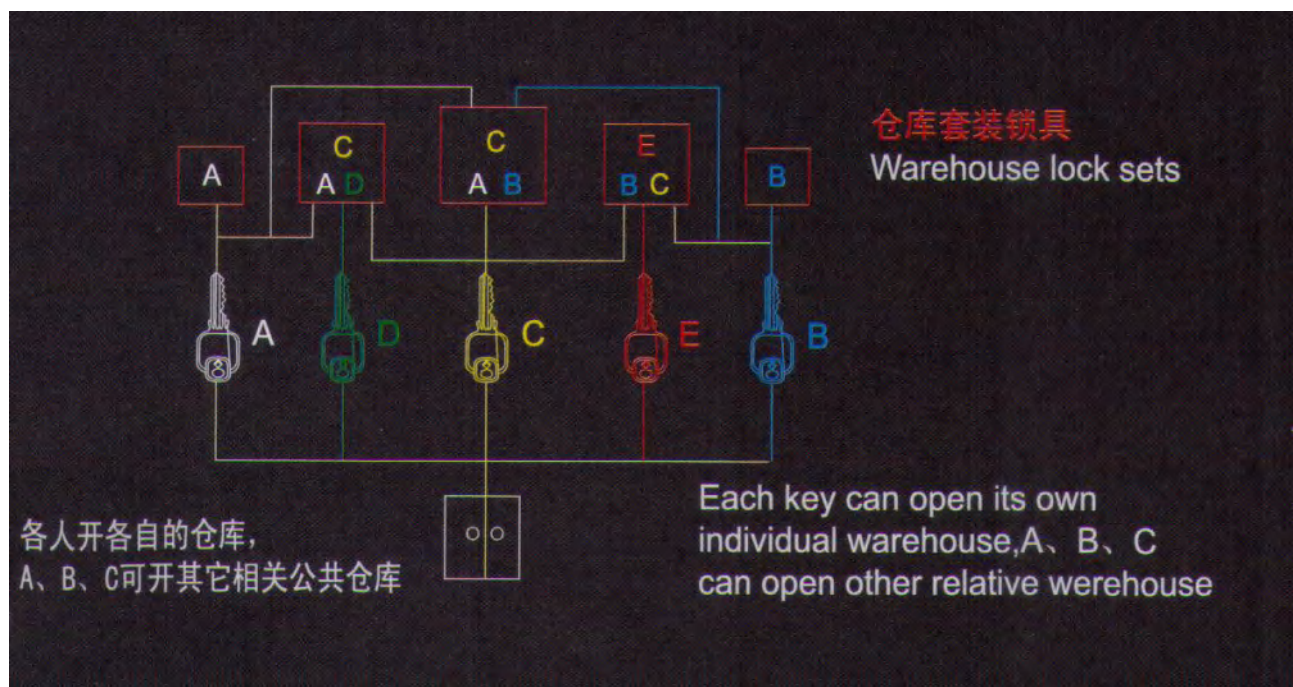


## Key Management

1. Warehouse
2. Apartment
3. Engineering
4. Dormitory
5. Company
6. House
7. Office

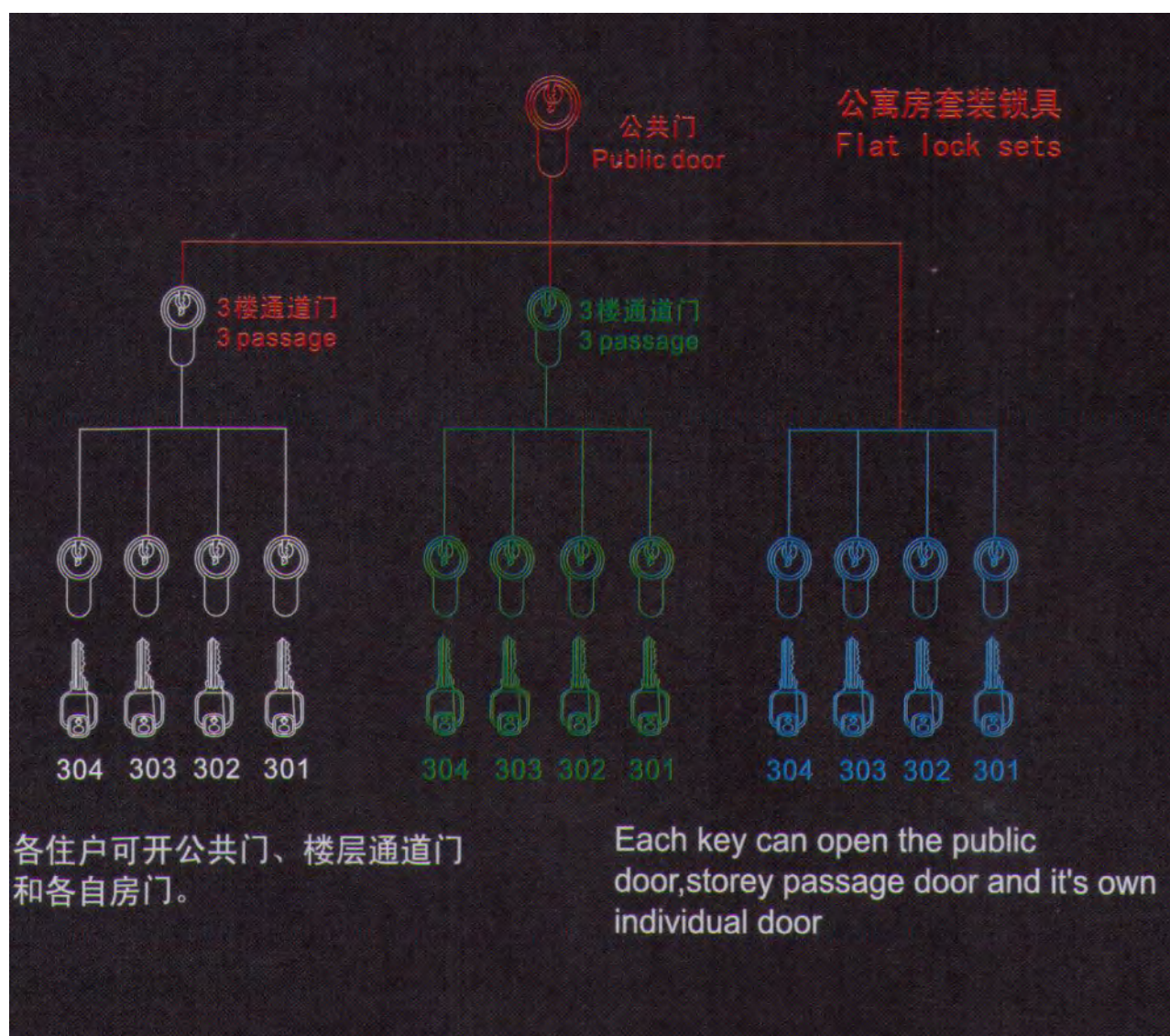


## Key Management-Warehouse

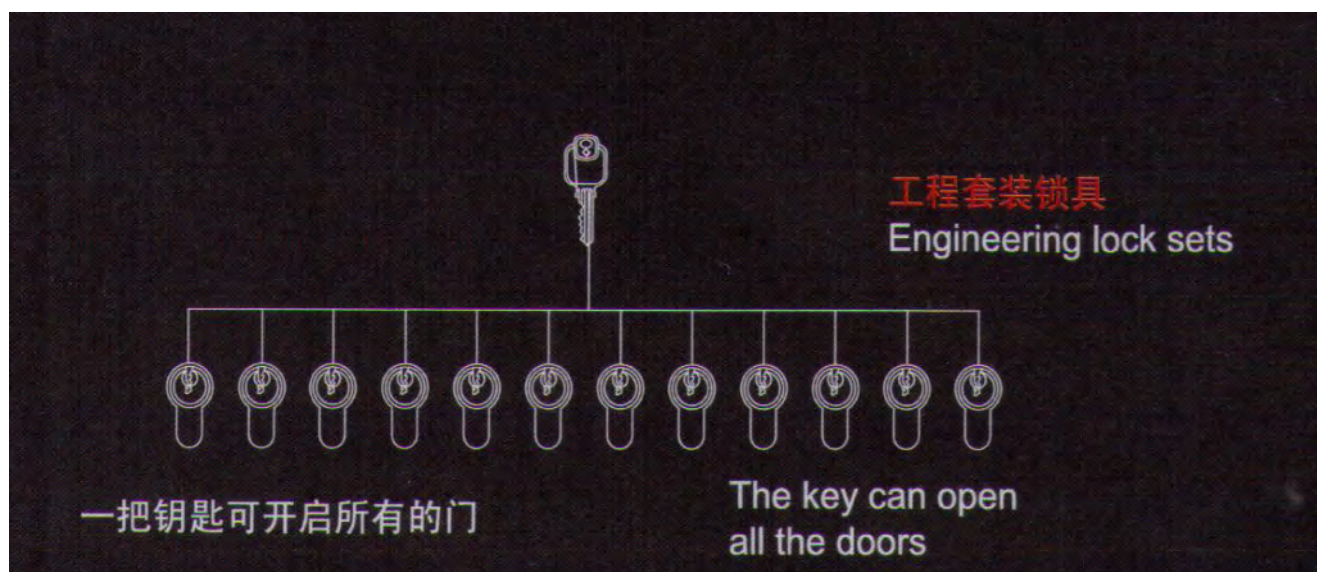




## Key Management-Apartment

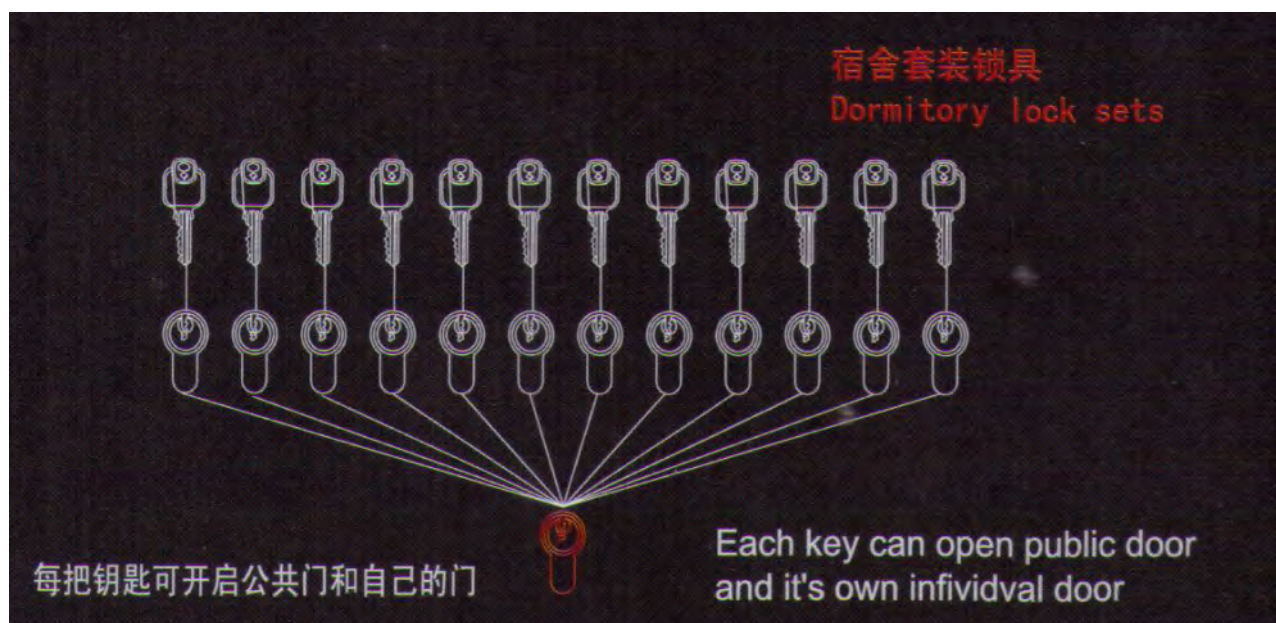


### Key Management-Engineering



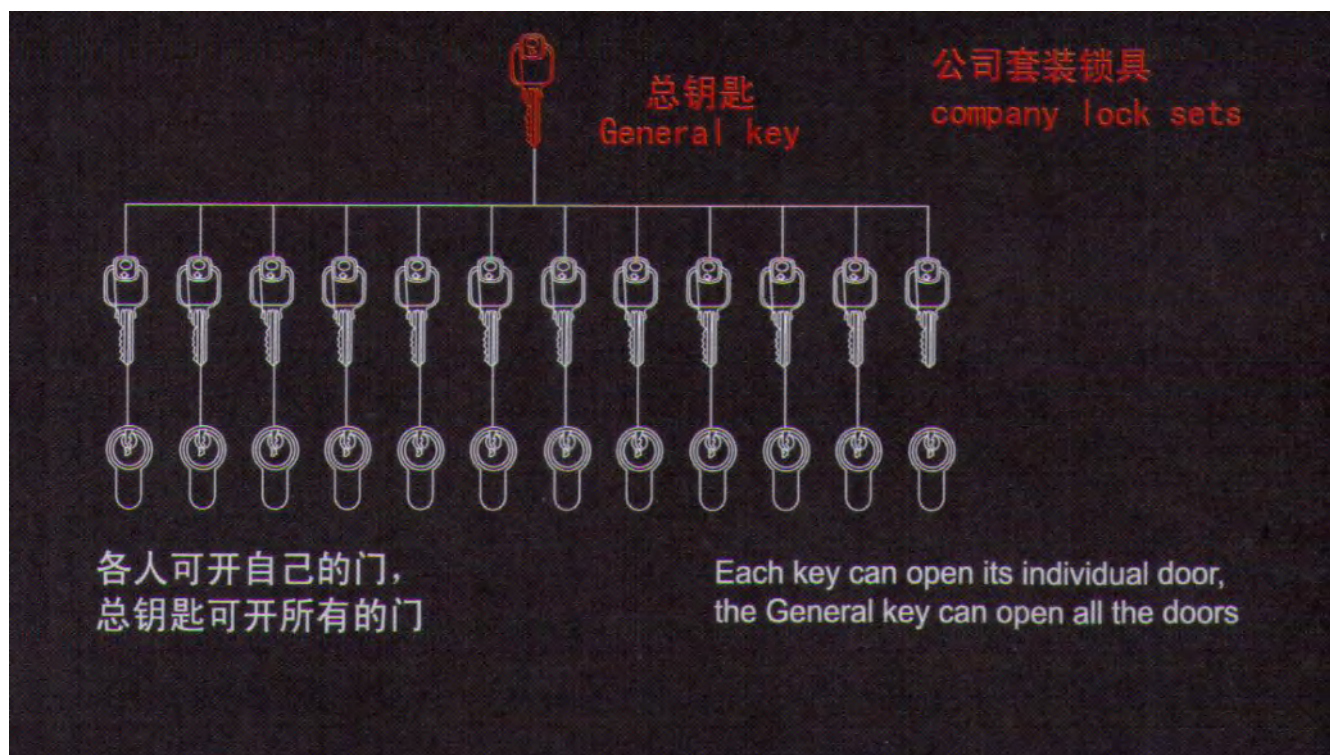


### Key Management-Dormitory

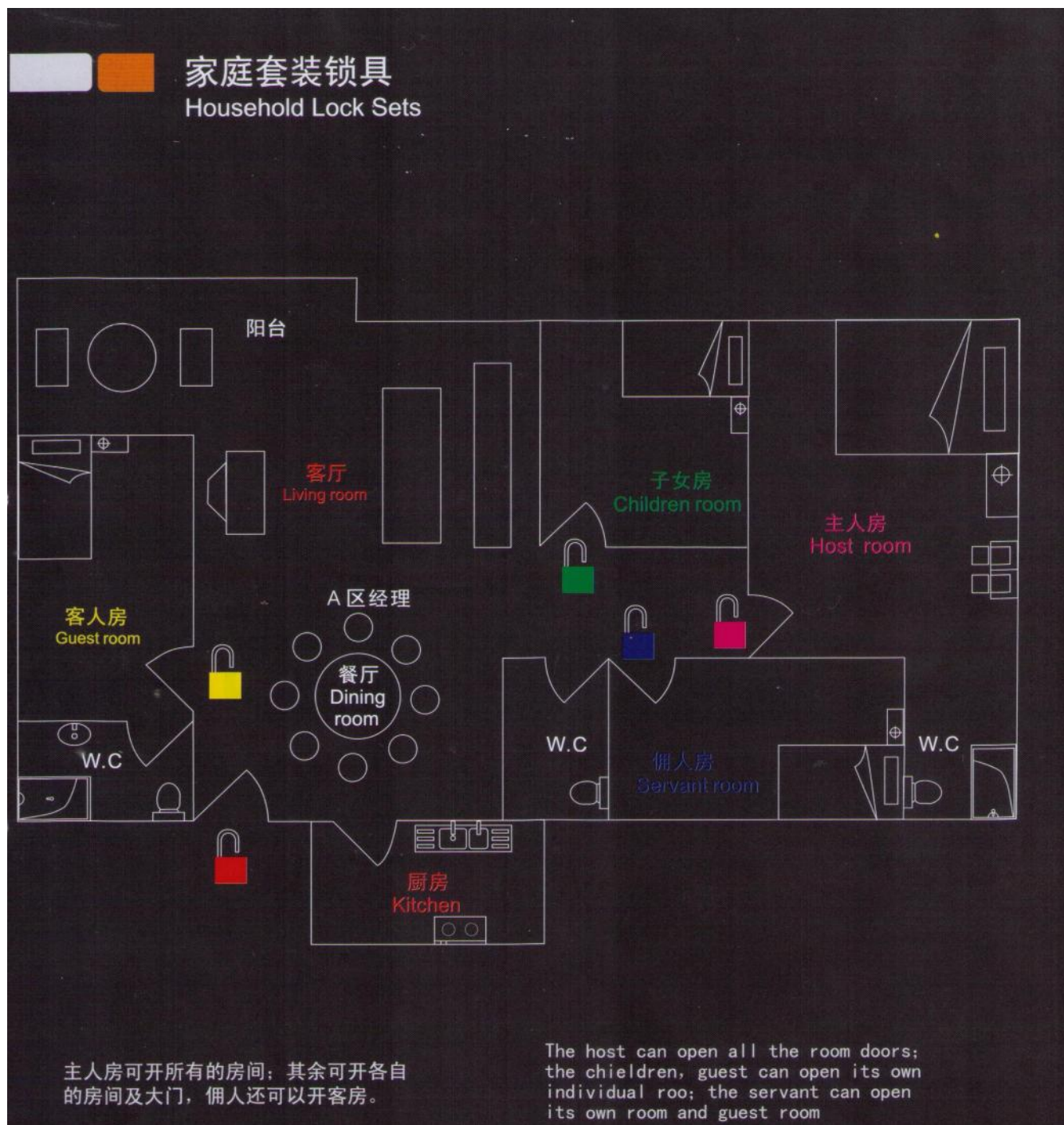




Key Management-Company

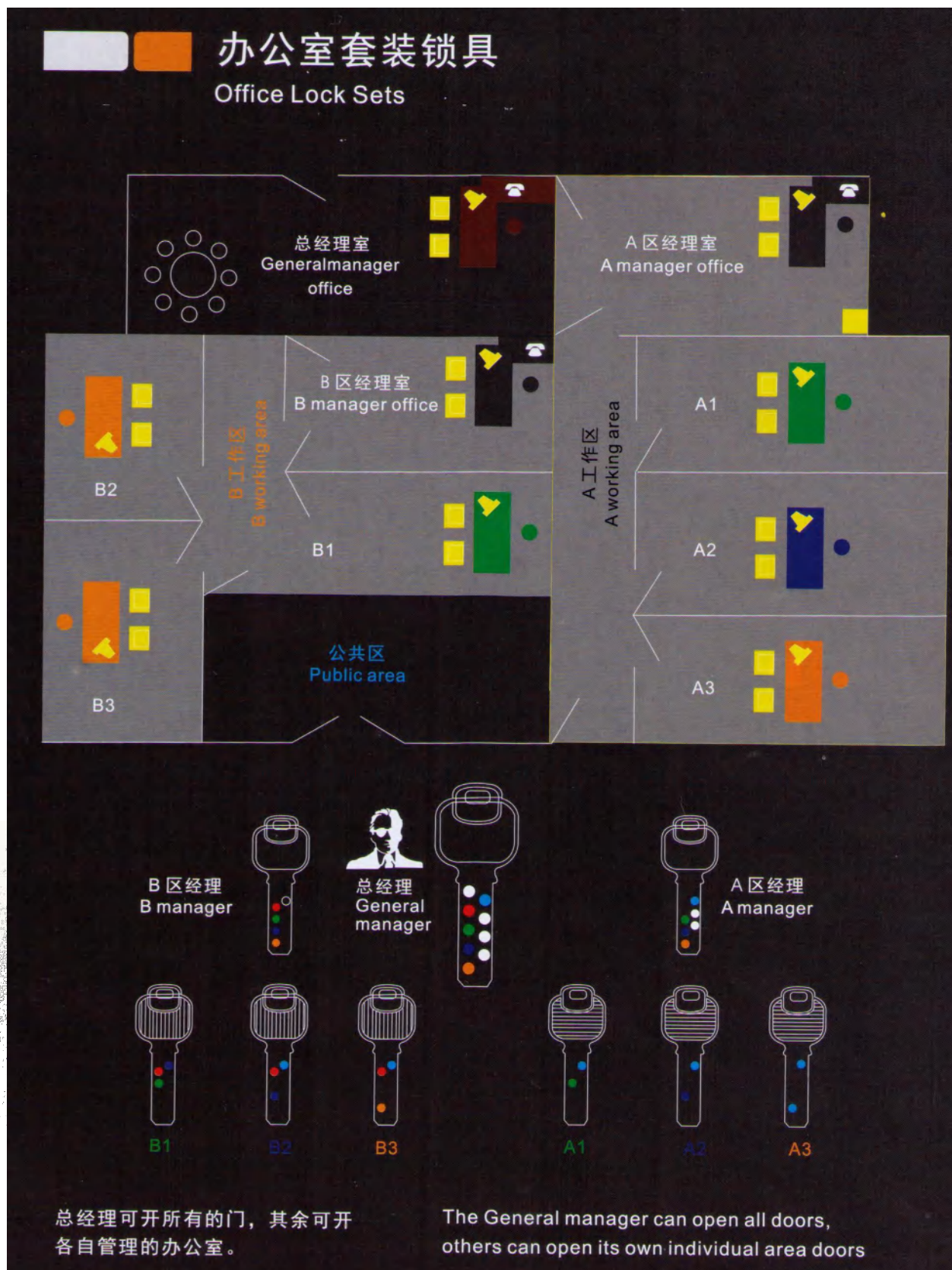


## Key Management-House





## Key Management-Office



## 一匙通开



## 二级管理



## Cylinder Options



单边通道锁芯  
PRIVACY CYLINDER



单边锁芯  
THUMB TURN CYLINDER



双边锁芯  
DOUBLE CYLINDER



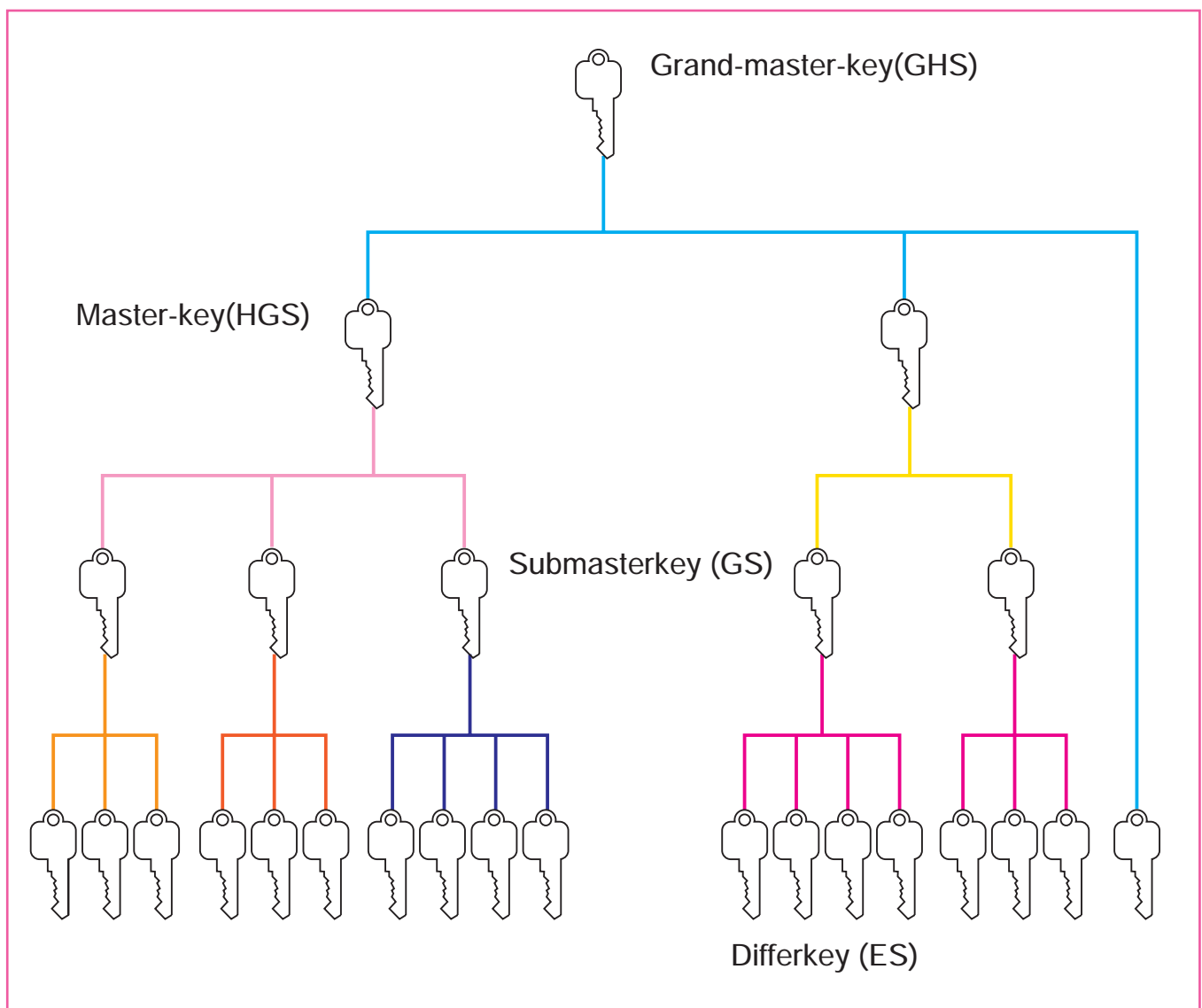
电脑钥匙  
DIMPLE KEY

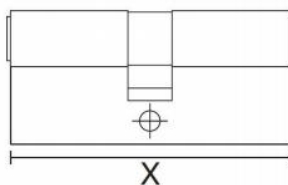
- GMK is applicable to various commercial buildings, hotels, offices, wherever key control is a priority.
- Change key can operate bottom level lockset.

Upper level masterkey can operate lower level locksets accordingly.

Top level masterkey can operate all locksets in the system.

- Security, convenience, efficiency.





**LK101**

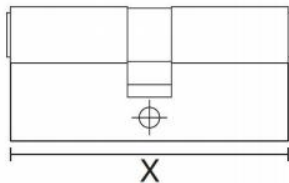
单边锁芯配钥匙

**Thumbturn Cylinder with keys**

Brass

length:

X: 55mm-110mm



**LK102**

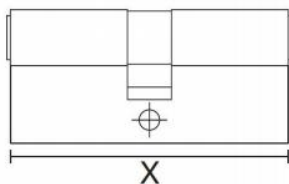
单边锁芯配钥匙

**Thumbturn Cylinder with keys**

Brass

length:

X: 55mm-110mm



**LK103**

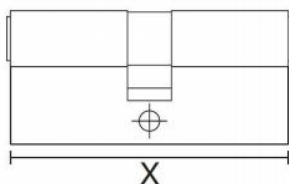
单边锁芯配钥匙

**Thumbturn Cylinder with keys**

Brass

length:

X: 55mm-110mm



**LK104**

单边锁芯配钥匙

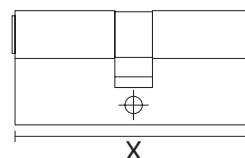
**Thumbturn Cylinder with keys**

Brass

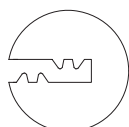
length:

X: 55mm-110mm

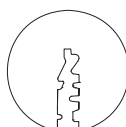




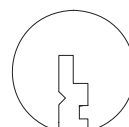
Double function  
X=60mm~110mm



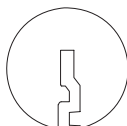
D



P



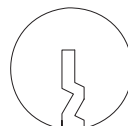
H



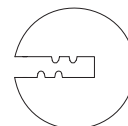
F04



S



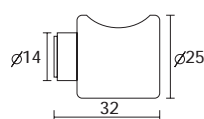
SC1



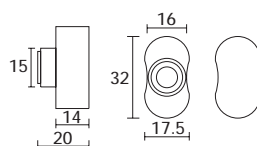
D1



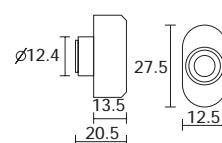
LK101A



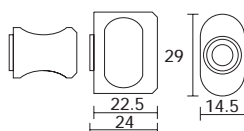
LK102



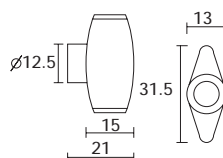
LK103B



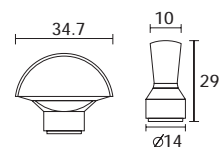
LK103C

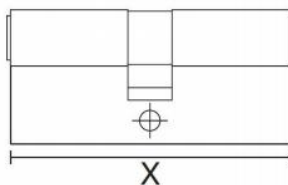


LK104



LK105





### LK105

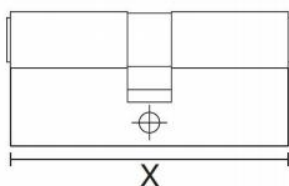
单边锁芯配钥匙

Thumbturn Cylinder with keys

Brass

length:

X: 55mm-110mm



### LK106

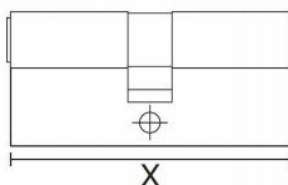
双边钥匙

Double Keys

Brass

length:

X: 55mm-110mm



### LK101/P

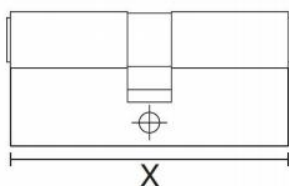
单边卫浴通道锁芯不配钥匙

Privacy Cylinder w/o keys

Brass

length:

X: 55mm-110mm



### LK102/P

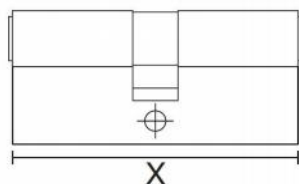
单边卫浴通道锁芯不配钥匙

Privacy Cylinder w/o keys

Brass

length:

X: 55mm-110mm



LK103/P

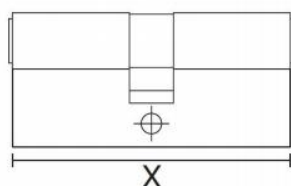
单边卫浴通道锁芯不配钥匙

Privacy Cylinder w/o keys

Brass

length:

X: 55mm-110mm



LK104/P

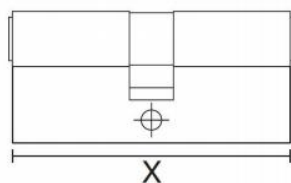
单边卫浴通道锁芯不配钥匙

Privacy Cylinder w/o keys

Brass

length:

X: 55mm-110mm



LK105/P

单边卫浴通道锁芯不配钥匙

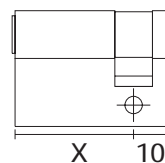
Privacy Cylinder w/o keys

Brass

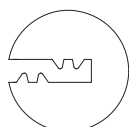
length:

X: 55mm-110mm

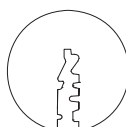
## Mortise Accessories (Cylinder)



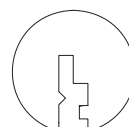
Half cylinder with single entry  
X=30mm~60mm



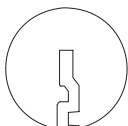
D



P



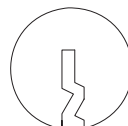
H



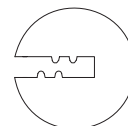
F04



S



SC1



D1



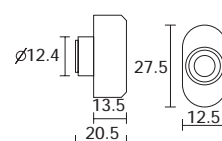
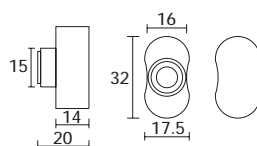
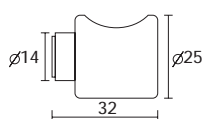
LK101A



LK102



LK103B



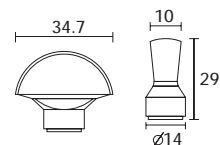
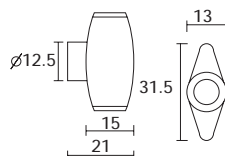
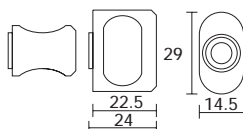
LK103C

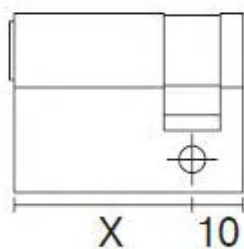


LK104



LK105



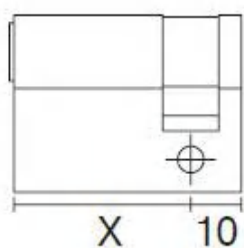


**LK111**  
单边半锁芯  
Half Cylinder with Thumbturn

Brass

length:  
X: 30mm-60mm

---

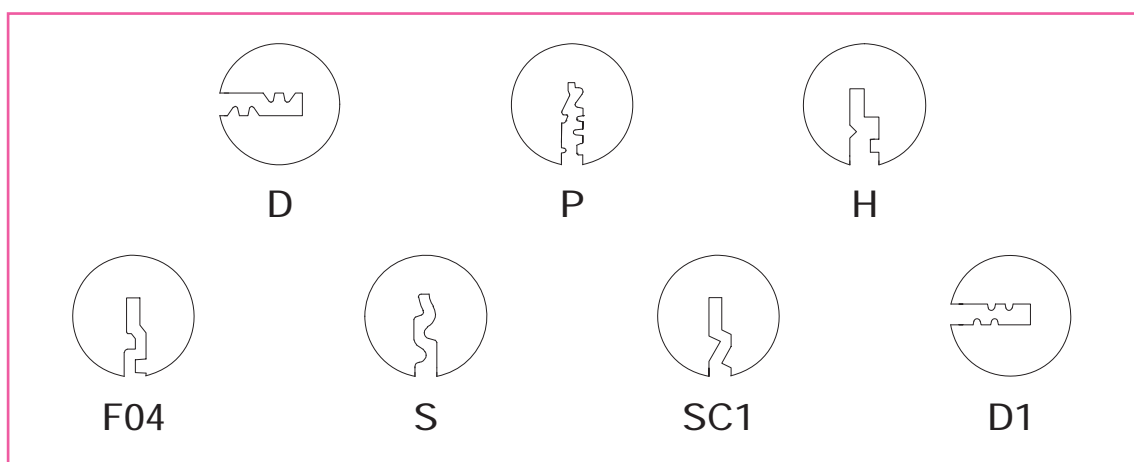
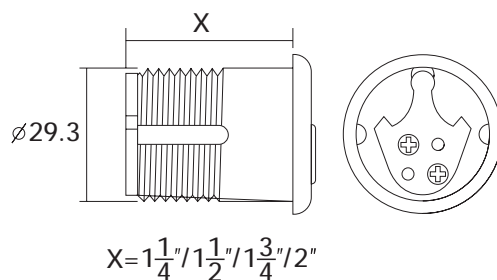


**LK112**  
单边半锁芯配钥匙  
Half Cylinder with Keys

Brass

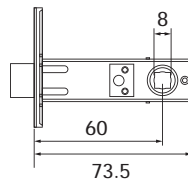
length:  
X: 30mm-60mm

---

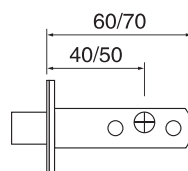




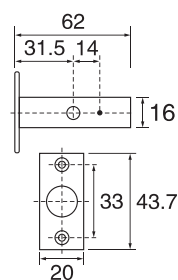
LK013/WC



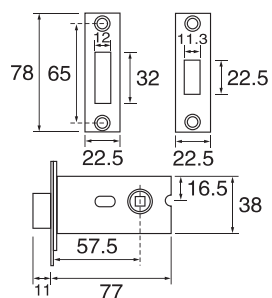
LK014



CL001

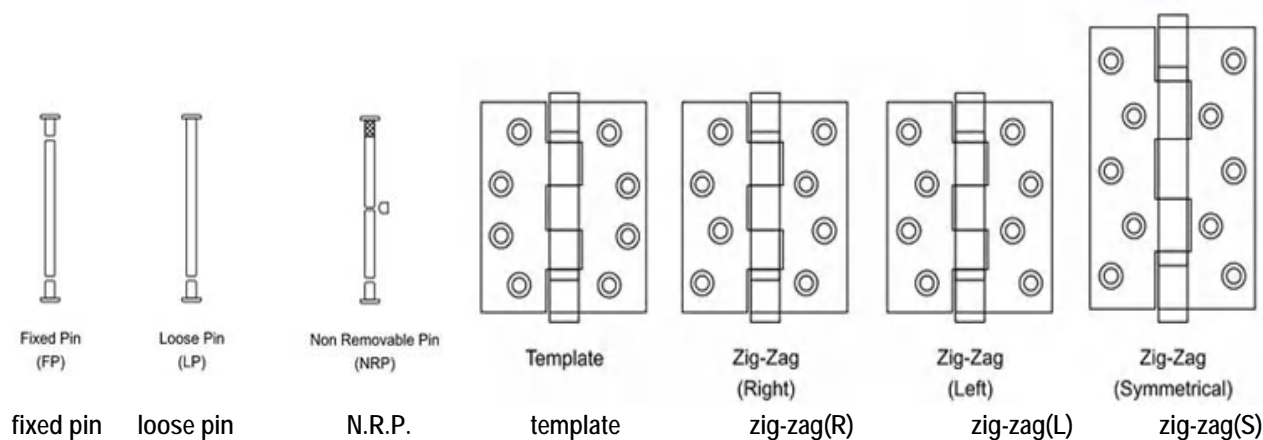


IB004



# Architectural Hinges





## PIN OPTIONS

## SCREW HOLES OPTIONS

### Tips 装饰头系列

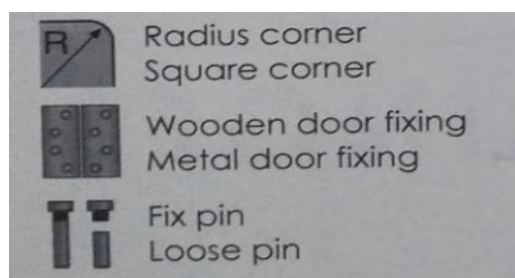
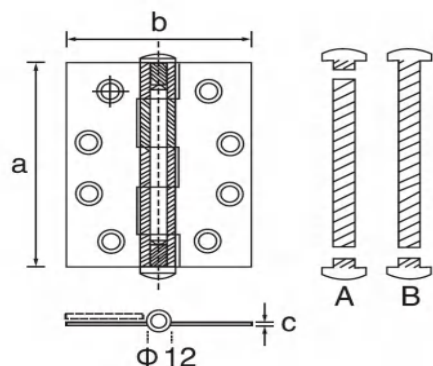
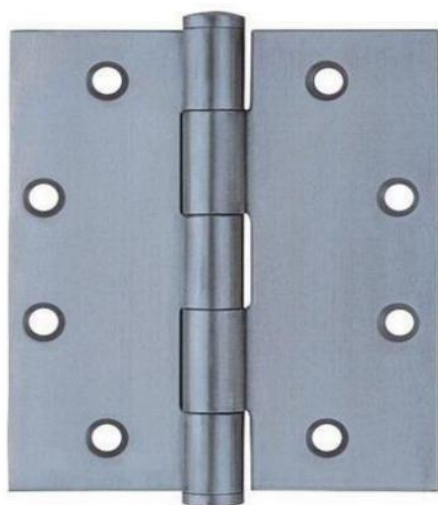


### Finishes 表面处理说明

AB (青古铜) : Antique brass plated  
 AC (红古铜) : Antique copper plated  
 AN (古铜镍/哑镍) : Antique nickel plated  
 BB (光亮铜) : Bright brass  
 BC (黑铬) : Black-chrome lacquered  
 BS (铜原色) : Brass self color  
 BP (镀铜) : Brass plated  
 CP (镀铬) : Chrome plated  
 DB (哑铜) : Dull brass plated  
 Kg (K金) : K-golden  
 LG (灰白漆) : Light grey lacquered  
 PB (仿金) : Polished brass plated

PLGP (珍珠金) : Pearl golden plated  
 PLNP (珍珠镍) : Pearl nickel plated  
 P&L (铜精光) : Polished and lacquered  
 PSS (不锈钢精光) : Polished stainless steel  
 PVD (锆) : PVD  
 PWT (白腊) : Pewter  
 SB (铜砂光) : Satin brass  
 SC (砂铬) : Stain chrome plated  
 SS (不锈钢砂光) : Satin stainless steel  
 TG (钛金) : Titanium-golden  
 YZ (黄彩锌) : Yellow zinc dichromated  
 ZP (镀白锌) : Zinc plated





EN1935



产品型号 Model  
产品名称 Name  
海关编码 HS CODE

101光身门铰  
101 Plain Butt Hinge  
8302.10

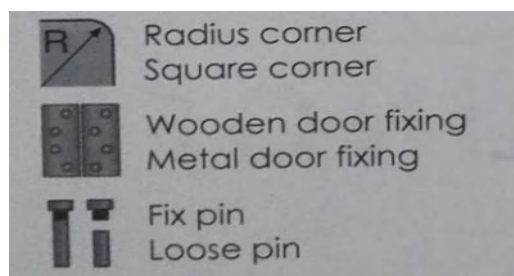
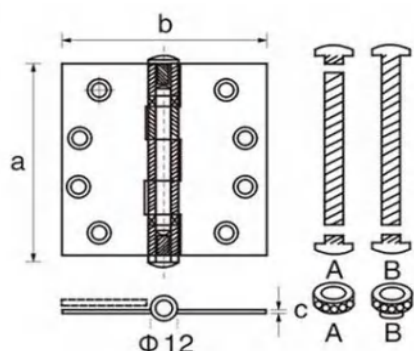
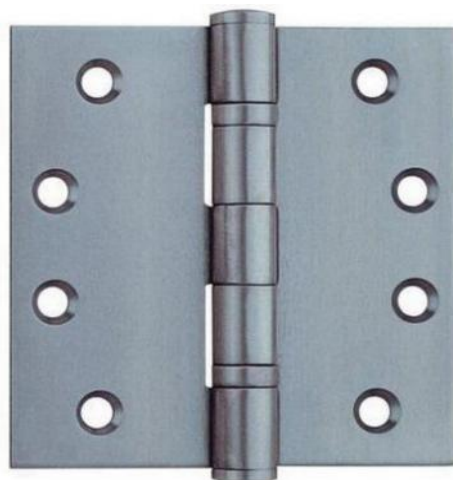
材质

**Material** Stainless Steel 304  
Stainless Steel 201  
Brass

Size/具体尺寸	Specification/其他说明
3.0" x 2.0" x 2.0mm	Kunckle Dia. Ø11mm 3piece per door.25-40kgs
3.0" x 2.5" x 2.0mm	
3.0" x 3.0" x 2.0mm	
3.5" x 3.5" x 2.0mm	
4.0" x 3.0" x 2.0mm	Kunckle Dia. Ø12mm 3piece per door.40-60kgs
3.0" x 3.0" x 2.5mm	
3.5" x 3.5" x 2.5mm	
4.0" x 3.0" x 2.5mm	
4.0" x 3.0" x 3.0mm	Kunckle Dia. Ø14mm 3piece per door.60-80kgs
4.0" x 3.5" x 3.0mm	
4.0" x 4.0" x 3.0mm	
4.5" x 4.0" x 3.0mm	
5.0" x 3.0" x 3.0mm	Kunckle Dia. Ø15mm 3piece per door.80-120kgs
5.0" x 4.0" x 3.0mm	
4.0" x 4.0" x 3.5mm	
4.5" x 4.0" x 3.5mm	
4.5" x 4.5" x 3.5mm	Kunckle Dia. Ø16mm 3piece per door.120-150kgs
4.5" x 4.0" x 4.0mm	
4.5" x 4.5" x 4.0mm	

## Finishes Available

SSS:satin stainless steel  
PSS:polished stainless steel  
S&L:satin and lacquered  
P&L:polished and lacquered  
BP : brass plated  
CP : chrome plated  
SCP: satin chrome  
GP : gold plated  
AB : antique brass plate  
SP : silk print



EN1935



产品型号 Model 102 门铰  
产品名称 Name 2BB Hinge  
海关编码 HS CODE 8302.10

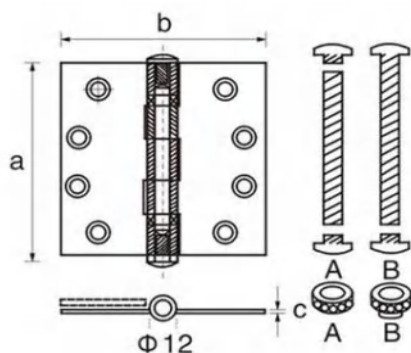
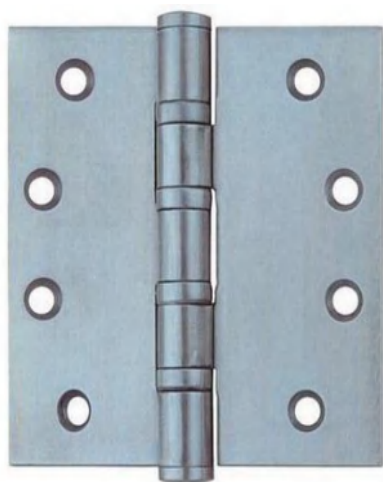
## 材质

**Material** Stainless Steel 304  
Stainless Steel 201  
Brass

Size/具体尺寸	Specification/其他说明
3.0" x 2.0" x 2.0mm-2bb	Kunckle Dia. Ø11mm 3piece per door.25-40kgs
3.0" x 2.5" x 2.0mm-2bb	
3.0" x 3.0" x 2.0mm-2bb	
3.5" x 3.5" x 2.0mm-2bb	
4.0" x 3.0" x 2.0mm-2bb	Kunckle Dia. Ø12mm 3piece per door.40-60kgs
3.0" x 3.0" x 2.5mm-2bb	
3.5" x 3.5" x 2.5mm-2bb	
4.0" x 3.0" x 2.5mm-2bb	
4.0" x 3.0" x 3.0mm-2bb	Kunckle Dia. Ø14mm 3piece per door.60-80kgs
4.0" x 3.5" x 3.0mm-2bb	
4.0" x 4.0" x 3.0mm-2bb	
4.5" x 4.0" x 3.0mm-2bb	
5.0" x 3.0" x 3.0mm-2bb	
5.0" x 4.0" x 3.0mm-2bb	Kunckle Dia. Ø15mm 3piece per door.80-120kgs
4.0" x 4.0" x 3.5mm-2bb	
4.5" x 4.0" x 3.5mm-2bb	
4.5" x 4.5" x 3.5mm-2bb	Kunckle Dia. Ø16mm 3piece per door.120-150kgs
4.5" x 4.0" x 4.0mm-2bb	
4.5" x 4.5" x 4.0mm-2bb	

## Finishes Available

SSS:satin stainless steel  
PSS:polished stainless steel  
S&L:satin and lacquered  
P&L:polished and lacquered  
BP : brass plated  
CP : chrome plated  
SCP: satin chrome  
GP : gold plated  
AB : antique brass plate  
SP : silk print

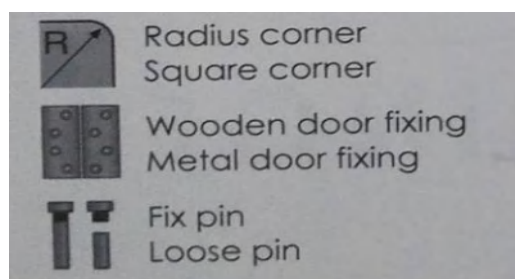


产品型号 Model 103 门铰  
 产品名称 Name 4BB Hinge  
 海关编码 HS CODE 8302.10

## 材质

**Material** Stainless Steel 304  
 Stainless Steel 201  
 Brass

Size/具体尺寸	Specification/其他说明
3.5" x 3.5" x 2.0mm-4bb	Kunckle Dia. Ø12mm 3piece per door.40-60kgs
4.0" x 3.0" x 2.0mm-4bb	
3.0" x 3.0" x 2.5mm-4bb	
3.5" x 3.5" x 2.5mm-4bb	
4.0" x 3.0" x 2.5mm-4bb	
4.0" x 3.0" x 3.0mm-4bb	Kunckle Dia. Ø14mm 3piece per door.60-80kgs
4.0" x 3.5" x 3.0mm-4bb	
4.0" x 4.0" x 3.0mm-4bb	
4.5" x 4.0" x 3.0mm-4bb	
5.0" x 3.0" x 3.0mm-4bb	
5.0" x 4.0" x 3.0mm-4bb	Kunckle Dia. Ø15mm 3piece per door.80-120kgs
4.0" x 4.0" x 3.5mm-4bb	
4.5" x 4.0" x 3.5mm-4bb	
4.5" x 4.5" x 3.5mm-4bb	Kunckle Dia. Ø16mm 3piece per door.120-150kgs
4.5" x 4.0" x 4.0mm-4bb	
4.5" x 4.5" x 4.0mm-4bb	



## Finishes Available

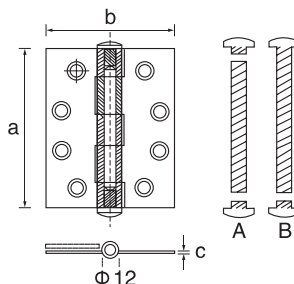
SSS:satin stainless steel  
 PSS:polished stainless steel  
 S&L:satin and lacquered  
 P&L:polished and lacquered  
 BP : brass plated  
 CP : chrome plated  
 SCP: satin chrome  
 GP : gold plated  
 AB : antique brass plate  
 SP : silk print



## Weight Duty of Door hinge

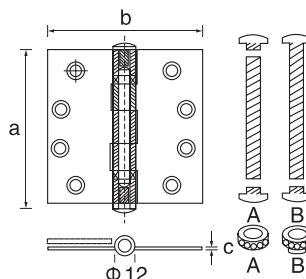
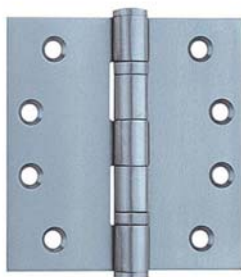
Suggestion: Apply 3 pieces of hinge for one door leaf

1.2mm	Thickness	Hinges: 10 ~ 15Kgs	Per	Door
1.5mm	Thickness	Hinges: 15 ~ 25Kgs	Per	Door
2.0mm	Thickness	Hinges: 25 ~ 40Kgs	Per	Door
2.5mm	Thickness	Hinges: 40 ~ 60Kgs	Per	Door
3.0mm	Thickness	Hinges: 60 ~ 80Kgs	Per	Door
3.5mm	Thickness	Hinges: 80 ~ 120Kgs	Per	Door
4.0mm	Thickness	Hinges: 120 ~ 150Kgs	Per	Door
4.5mm	Thickness	Hinges: 150 ~ 180Kgs	Per	Door



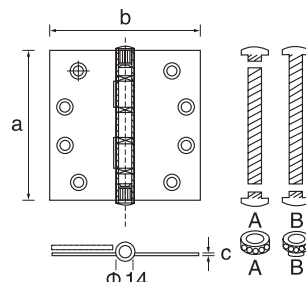
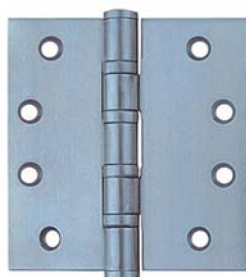
### SS403030-PJ

- Stainless steel
- a=3"/4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



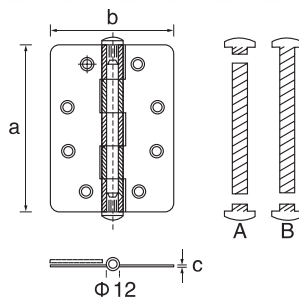
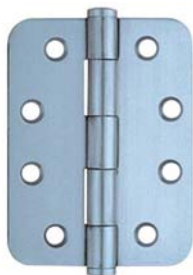
### SS403030-2BB

- Stainless steel
- a=3"/4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



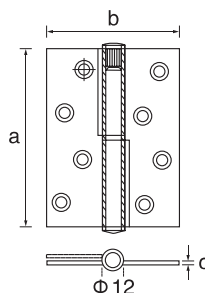
### SS403030-4BB

- Stainless steel
- a=3"/4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



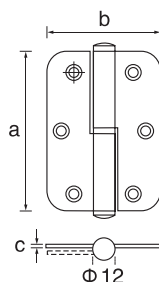
## SS403030-RC

- Stainless steel
- a=4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



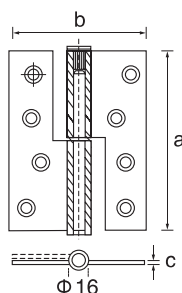
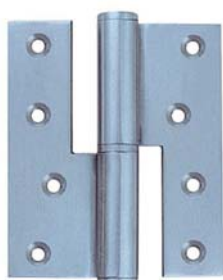
## SS403020-L1

- Stainless steel
- a=3"/4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



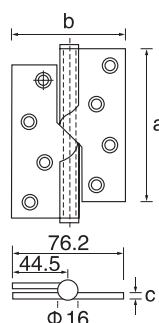
## SS352525-L2

- Stainless steel
- a=3"/4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



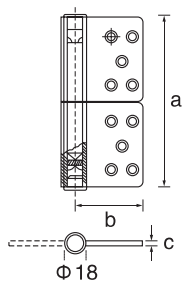
## SS403530-L3

- Stainless steel
- a=3"/4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



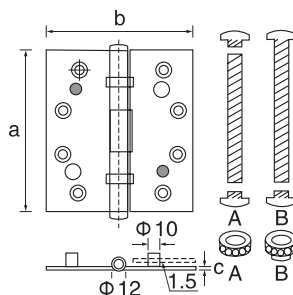
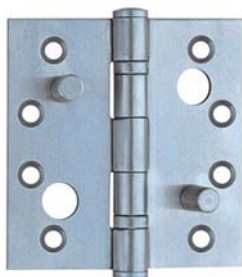
## SS403030-RH

- Stainless steel
- a=3"/4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



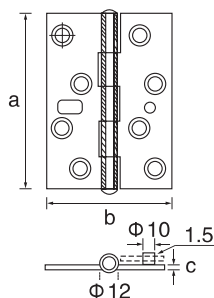
## SS-FG-04

- Stainless steel
- a=3"/4"/5"
- b=50/55
- c=2.0/2.5/3.0



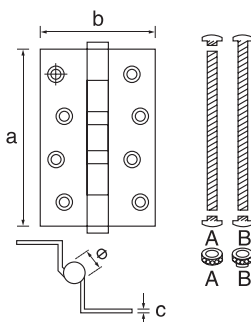
## SS404030-S2

- Stainless steel
- a=4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



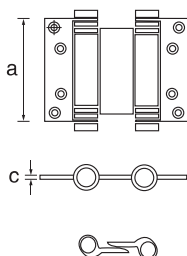
## SS403025-S1

- Stainless steel
- a=4"/5"
- b=3"/4"
- c=2.0/2.5/3.0



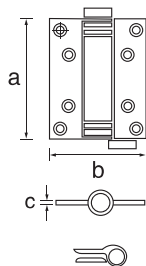
## SS403030-CK1

- Stainless steel
- a=4"
- b=3"
- c=2.5/3.0



## SS-DAS01(4"5"6")

- Stainless steel
- a=3"/4"/5"/6"
- c=1.5/2.0



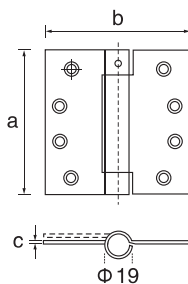
## SS-SAS01(4"5"6")

■ Stainless steel

a=3"/4"/5"/6"

b=3"/4"

c=1.5/2.0



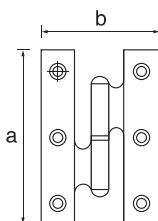
## SS-SAS02-4"

■ Stainless steel

a=4"

b=4"

c=3.0



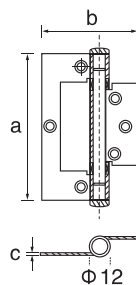
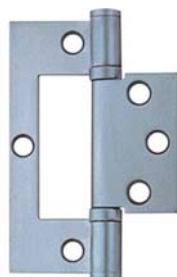
## SS-HH-01

■ Stainless steel

a=4"

b=75

c=2.0



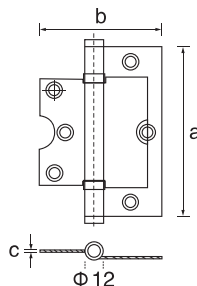
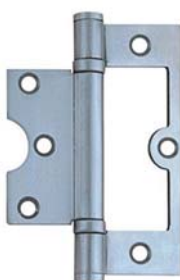
## SS-FH-B01

■ Stainless steel

a=4"

b=75

c=2.0/2.5



## SS-FH-A01

■ Stainless steel

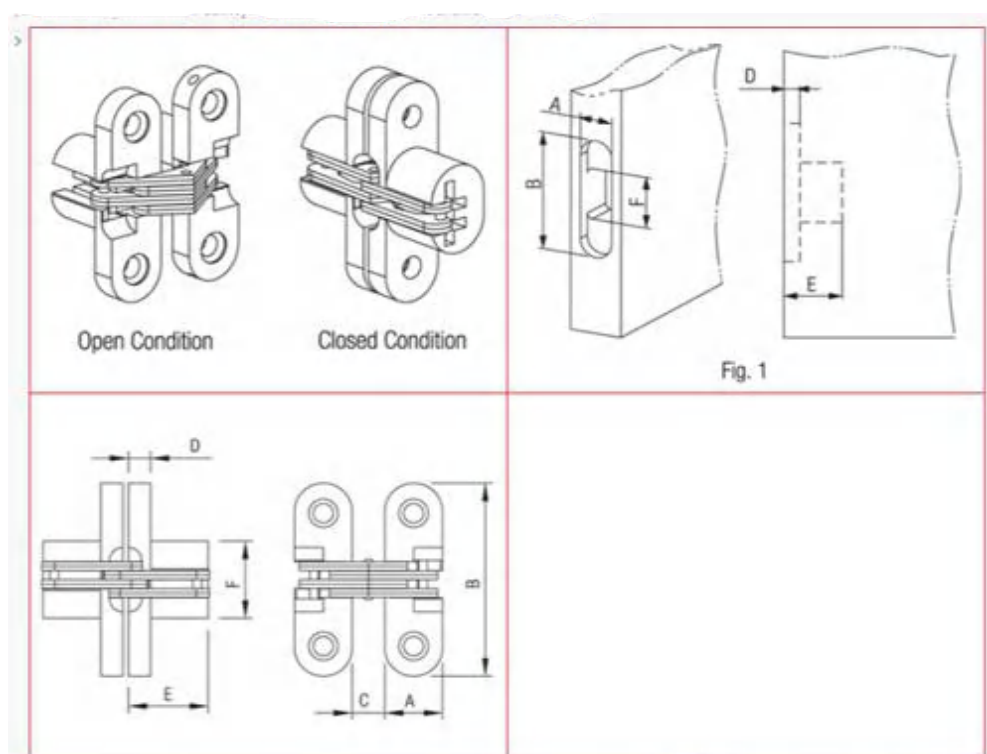
a=4"

b=75

c=2.0/2.5



Route the board using the dimension from the chart as shown in Fig.1  
Fit the hinge into the cavity and screw it with the screws provided.

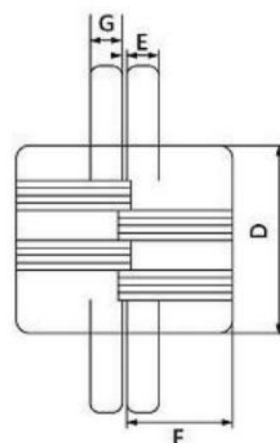
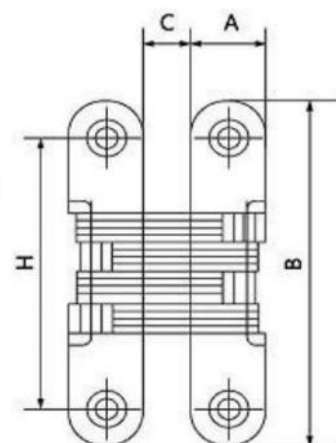




## Concealed Cross Hinge

Materials : SUS304 / ZINC ALLOY

Finishing : PSS ,SN ,CP,SCP,AB,



(mm)

Model	A	B	C	D	E	F	G	H
03	12.4	43.7	8.8	18.7	0.8	18.3	4.9	31.7
04	12.7	60.4	8.1	30	0.8	17.8	5.6	46
05	15.7	68.8	11.5	33.7	1	22.7	7	51.8
06	18.4	94	12.6	54.5	1	26.8	8.7	74
07	24.7	115.8	18	63.8	1.23	36.5	10.5	105
08	27.8	116	23	61.3	1.2	41	9.1	81.2/87.8
09	33.6	137.2	28.2	73.8	1.3	49.5	11	113.5/102.4

( ZA material and SUS304 material ,size are some different ,pls contact for detail draws and specification)



# Lever Handle

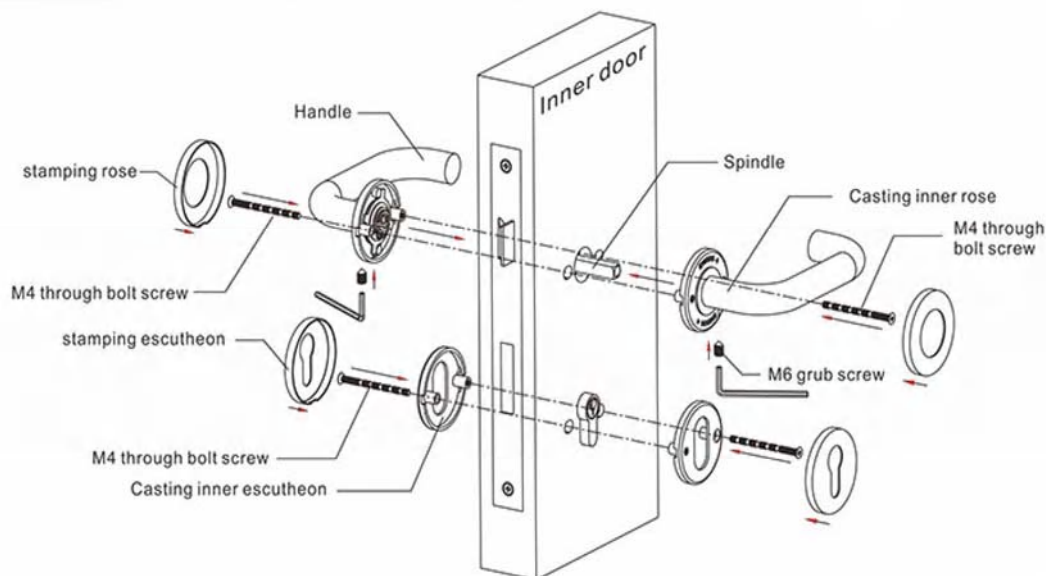





Material	Stainless Steel
Finish	Stain, Polished,PVD, AB, AC
Bearing	Lever handle pivot-fitted in rose,with height holding mechanism
Standard	Certified in compliance with EN1906:2012
Class	47-1140B
Standard	Certified in compliance with EN1634:2012
Class	2 hours fire rated

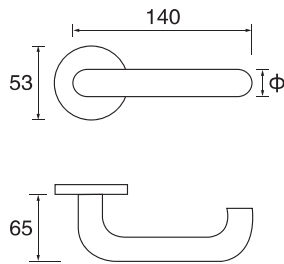


EN1906

EN1634

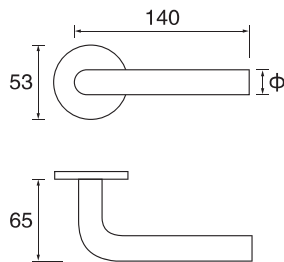


	Supplied With	Door Thickness(mm)
	2 Lever handle aperture parts with handle roses 1 Spindle 8×8×100mm 1 Pair of CB escutcheons 4 Threaded screws M4×60mm,can be shortened	38-55
	2 Lever handle aperture parts with handle roses 1 Spindle 8×8×100mm 1 Pair of PC escutcheons 4 Threaded screws M4×60mm,can be shortened	38-55
	2 Lever handle aperture parts with handle roses 1 Spindle 8×8×100mm 1 Pair of WC escutcheons with red/green indicator disc 1 Locking pin 8×8×65mm 4 Threaded screws M4×60mm,can be shortened	38-55



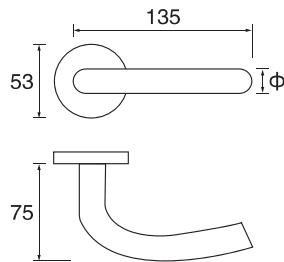
## TH101

- Stainless steel
- Φ=16/19/22



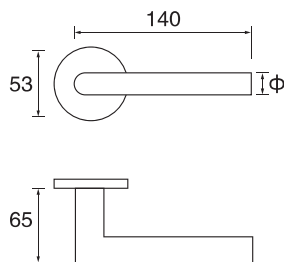
## TH102

- Stainless steel
- Φ=16/19/22



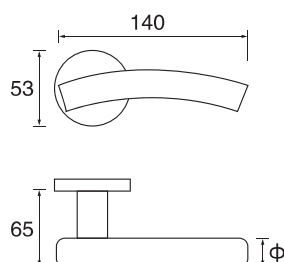
## TH103

- Stainless steel
- Φ=16/19/22



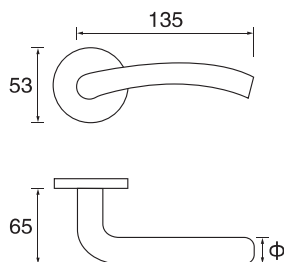
## TH104

- Stainless steel
- Φ=16/19/22



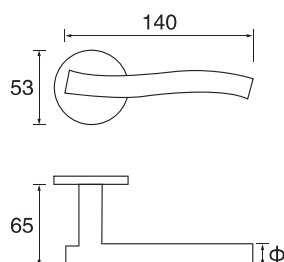
## TH105

- Stainless steel
- Φ=16/19/22



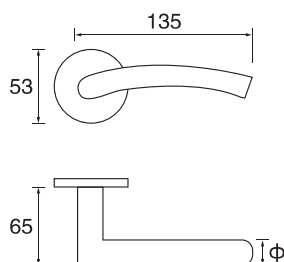
## TH106

- Stainless steel
- Φ=16/19/22



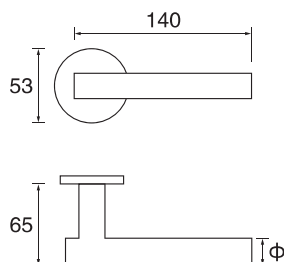
## TH107

- Stainless steel
- Φ=16/19/22



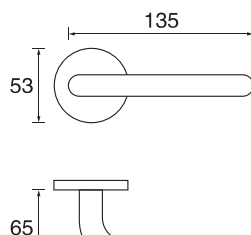
## TH108

- Stainless steel
- Φ=16/19/22



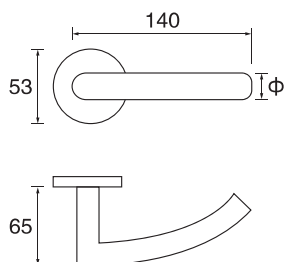
## TH109

- Stainless steel
- Φ=16/19/22



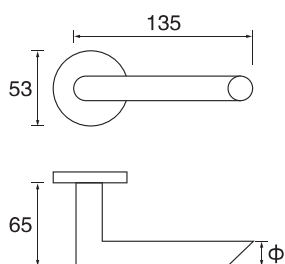
## TH110

- Stainless steel
- Φ=16/19/22



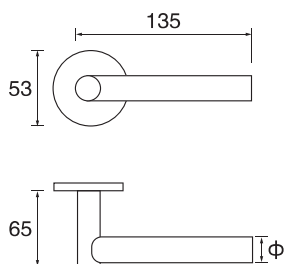
## TH111

- Stainless steel
- Φ=16/19/22



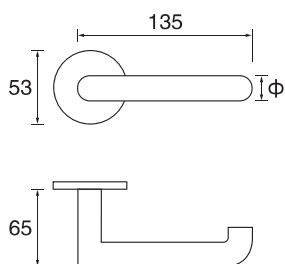
## TH112

- Stainless steel
- Φ=16/19/22



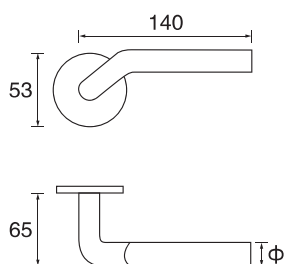
## TH113

- Stainless steel
- Φ=16/19/22



## TH114

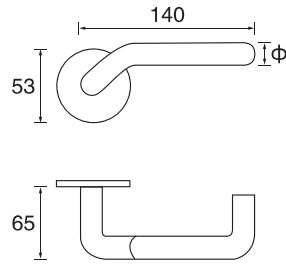
- Stainless steel
- Φ=16/19/22



## TH115

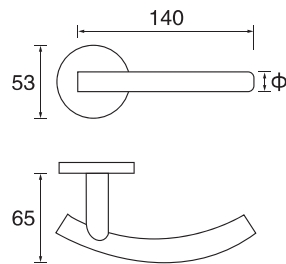
- Stainless steel
- Φ=16/19/22





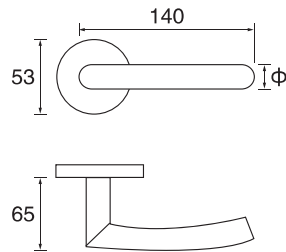
## TH116

- Stainless steel
- φ=16/19/22



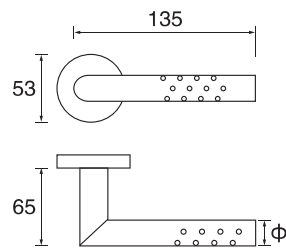
## TH117

- Stainless steel
- φ=16/19/22



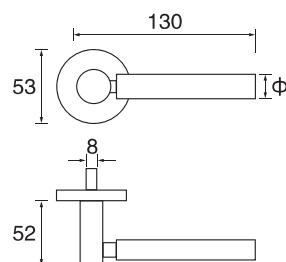
## TH119

- Stainless steel
- φ=16/19/22



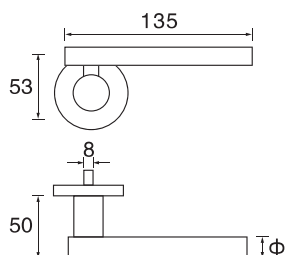
## TH120

- Stainless steel
- φ=16/19/22



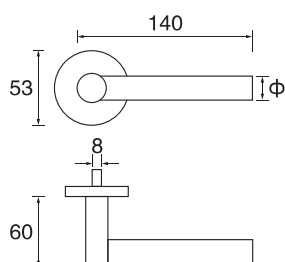
## TH121

- Stainless steel
- φ=16/19/22



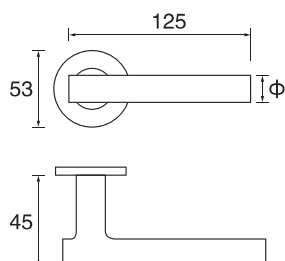
**TH122**

■ Stainless steel  
 $\phi=16/19/22$



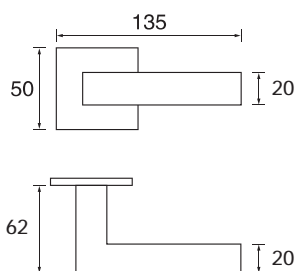
**TH123**

■ Stainless steel  
 $\phi=16/19/22$



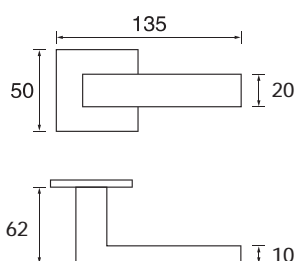
**TH125**

■ Stainless steel  
 $\phi=16/19/22$



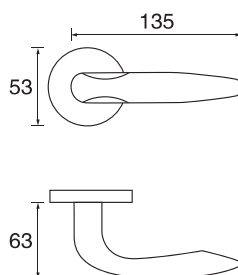
**TH126**

■ Stainless steel



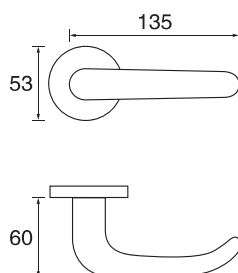
**TH127**

■ Stainless steel



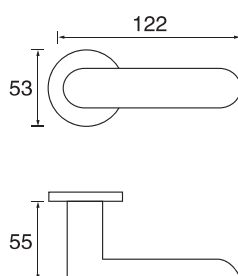
**HL001**

■ Stainless steel



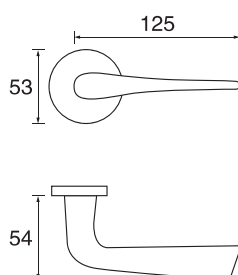
**HL004**

■ Stainless steel



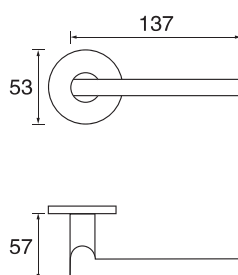
**HL013**

■ Stainless steel



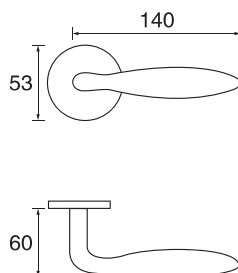
**HL041**

■ Stainless steel



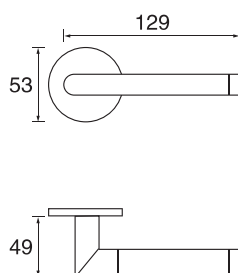
**HL046**

■ Stainless steel



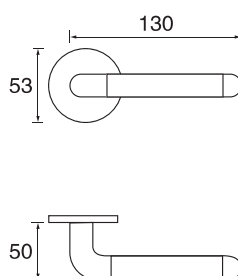
**HL051**

■ Stainless steel



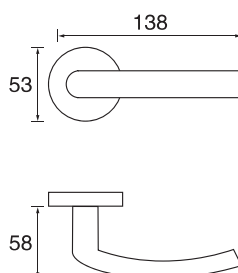
**HL060**

■ Stainless steel



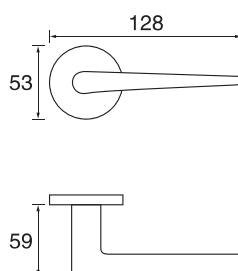
**HL061**

■ Stainless steel



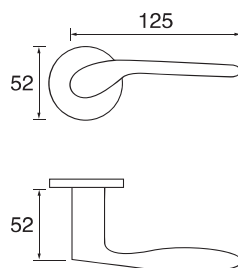
**HL094**

■ Stainless steel



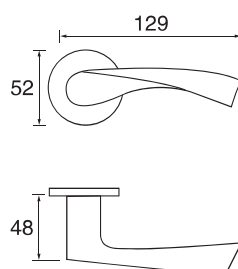
**HL169**

■ Stainless steel



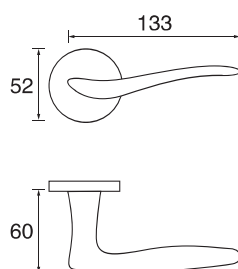
**LH001**

■ Stainless steel



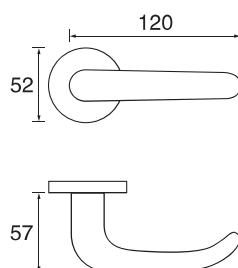
**LH002**

■ Stainless steel



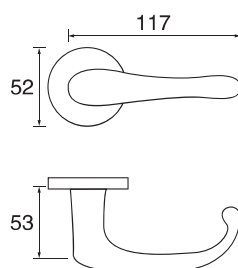
**LH003**

■ Stainless steel



**LH004**

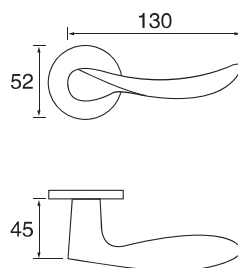
■ Stainless steel



**LH005**

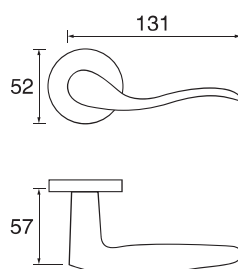
■ Stainless steel





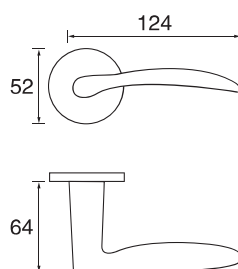
**LH006**

■ Stainless steel



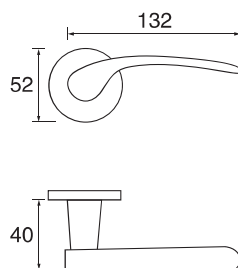
**LH007**

■ Stainless steel



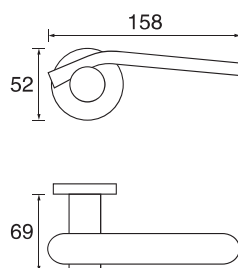
**LH008**

■ Stainless steel



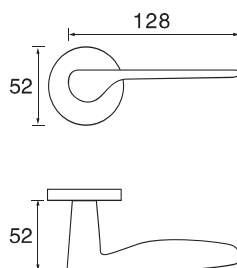
**LH009**

■ Stainless steel



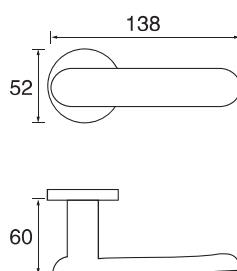
**LH010**

■ Stainless steel



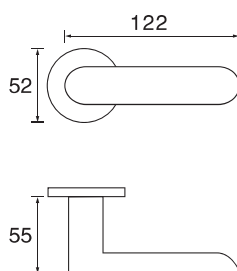
**LH011**

■ Stainless steel



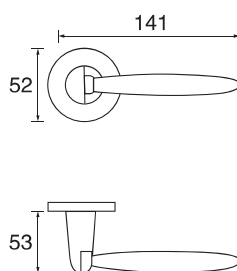
**LH012**

■ Stainless steel



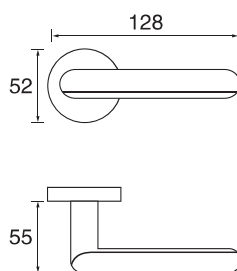
**LH013**

■ Stainless steel



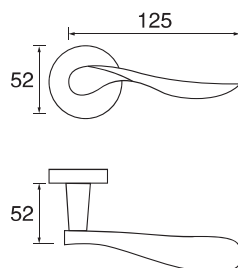
**LH014**

■ Stainless steel



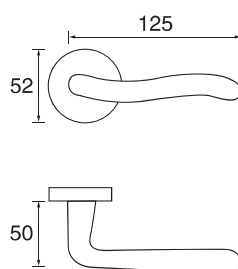
**LH015**

■ Stainless steel



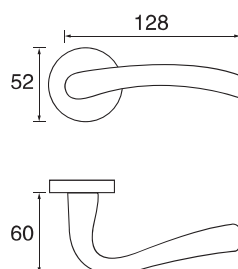
**LH016**

■ Stainless steel



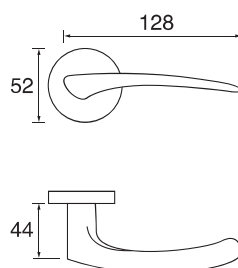
**LH017**

■ Stainless steel



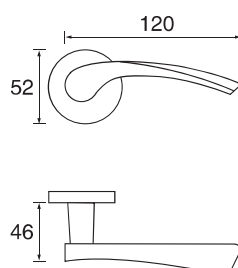
**LH018**

■ Stainless steel



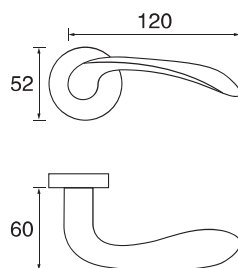
**LH019**

■ Stainless steel



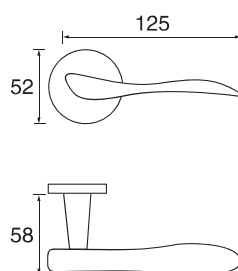
**LH020**

■ Stainless steel



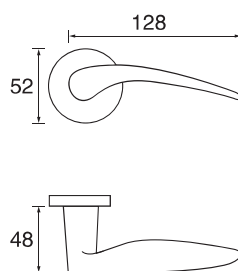
**LH021**

■ Stainless steel



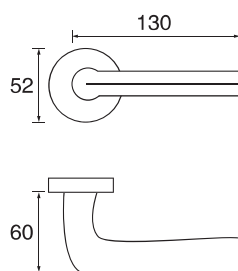
**LH022**

■ Stainless steel



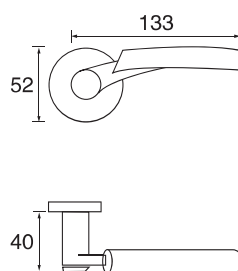
**LH023**

■ Stainless steel



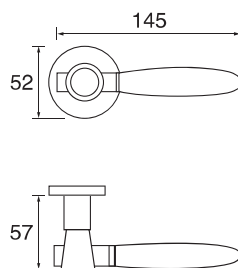
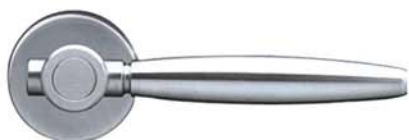
**LH024**

■ Stainless steel



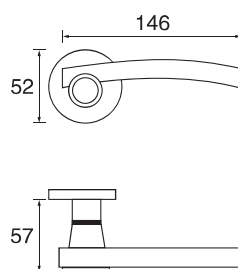
**LH025**

■ Stainless steel



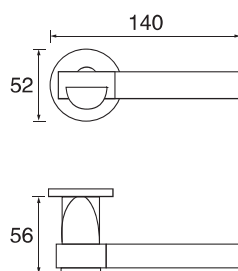
**LH026**

■ Stainless steel



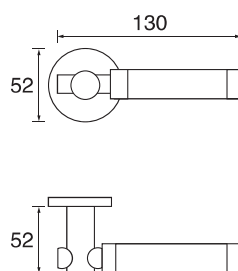
**LH027**

■ Stainless steel



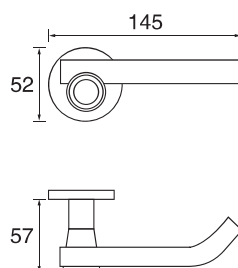
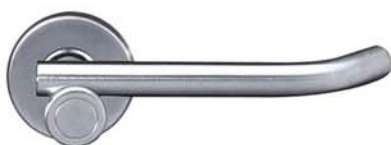
**LH028**

■ Stainless steel



**LH030**

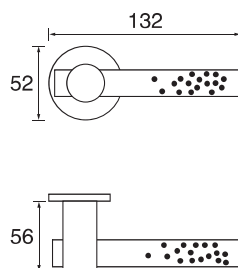
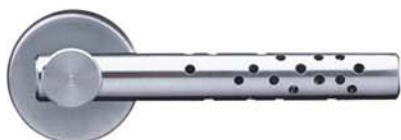
■ Stainless steel



**LH031**

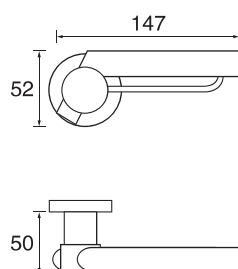
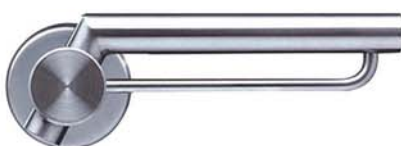
■ Stainless steel





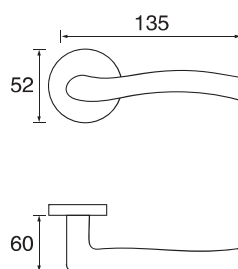
**LH032**

■ Stainless steel



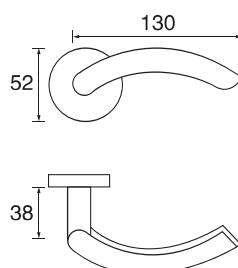
**LH033**

■ Stainless steel



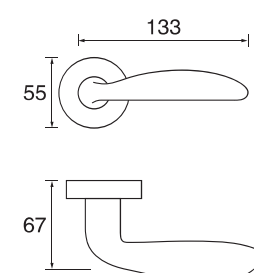
**LH035**

■ Stainless steel



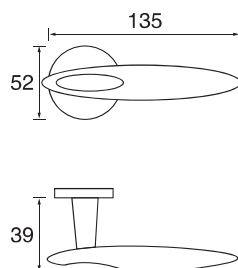
**LH036**

■ Stainless steel



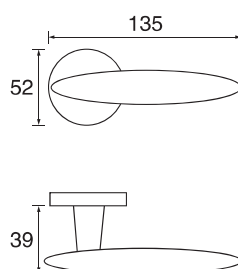
**LH037**

■ Stainless steel



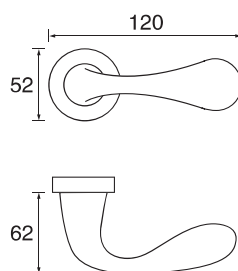
**LH038**

■ Stainless steel



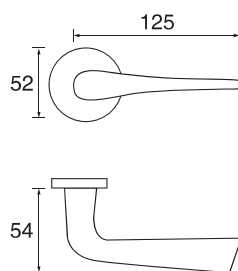
**LH039**

■ Stainless steel



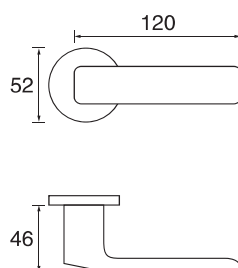
**LH040**

■ Stainless steel



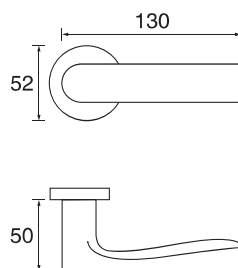
**LH041**

■ Stainless steel



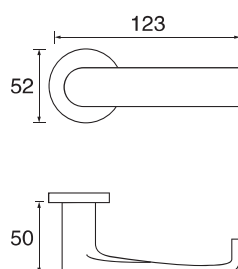
**LH042**

■ Stainless steel



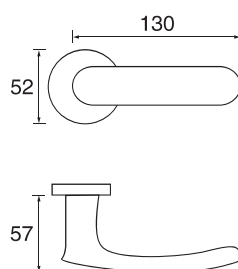
**LH043**

■ Stainless steel



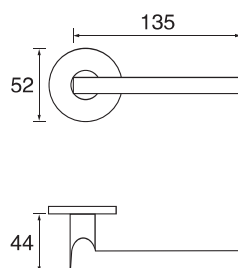
**LH044**

■ Stainless steel



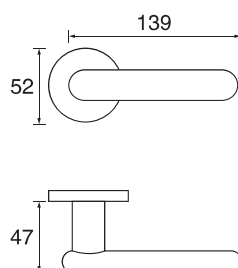
**LH045**

■ Stainless steel



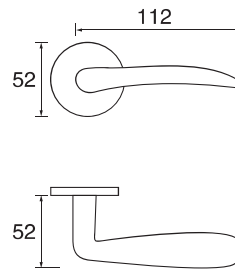
**LH046**

■ Stainless steel



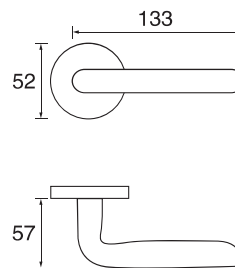
**LH047**

■ Stainless steel



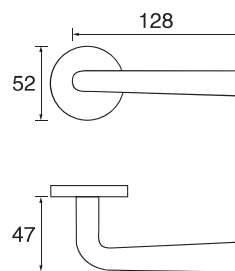
**LH048**

■ Stainless steel



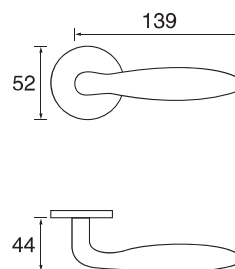
**LH049**

■ Stainless steel



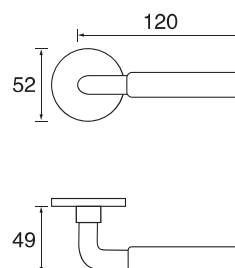
**LH050**

■ Stainless steel



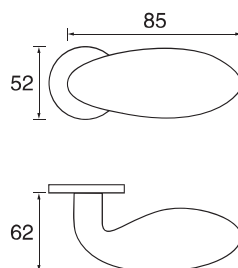
**LH051**

■ Stainless steel



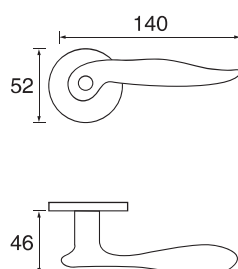
**LH052**

■ Stainless steel



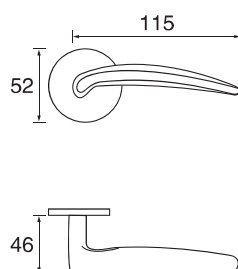
**LH053**

■ Stainless steel



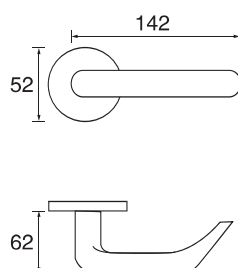
**LH054**

■ Stainless steel



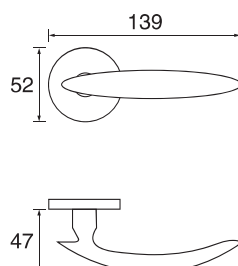
**LH055**

■ Stainless steel



**LH056**

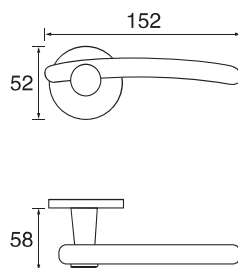
■ Stainless steel



**LH057**

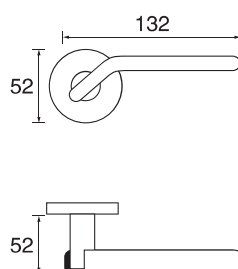
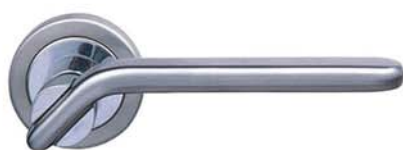
■ Stainless steel





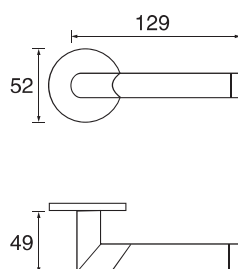
**LH058**

■ Stainless steel



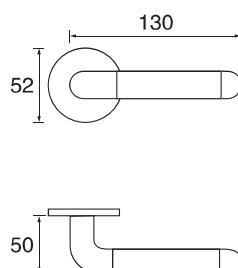
**LH059**

■ Stainless steel



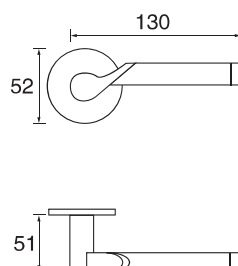
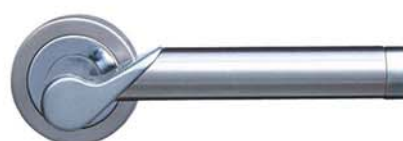
**LH060**

■ Stainless steel



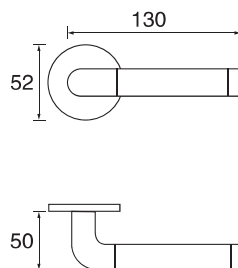
**LH061**

■ Stainless steel



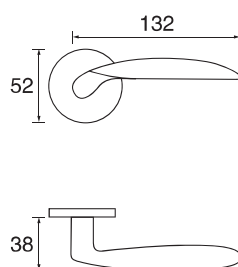
**LH064**

■ Stainless steel



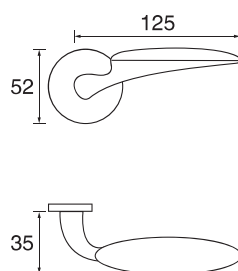
**LH066**

■ Stainless steel



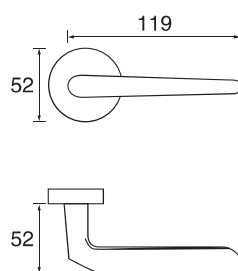
**LH067**

■ Stainless steel



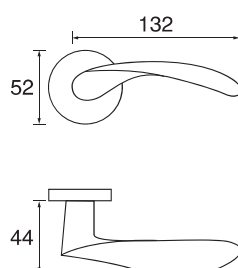
**LH069**

■ Stainless steel



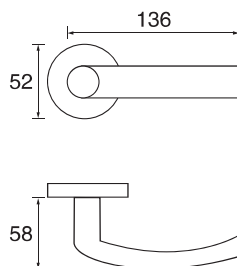
**LH073**

■ Stainless steel



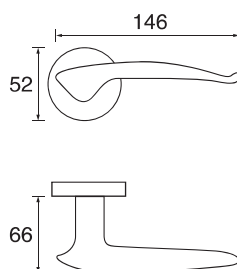
**LH082**

■ Stainless steel



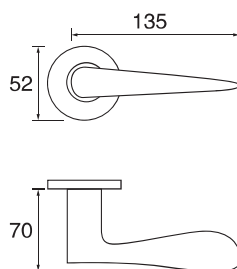
**LH094**

■ Stainless steel



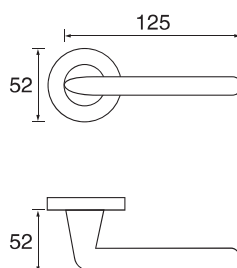
**LH114**

■ Stainless steel



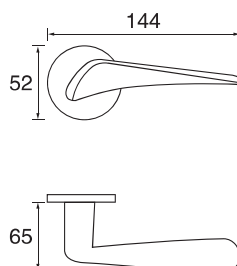
**LH120**

■ Stainless steel



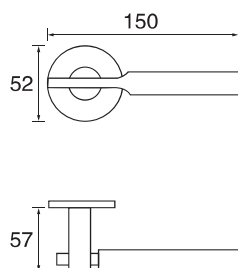
**LH121**

■ Stainless steel



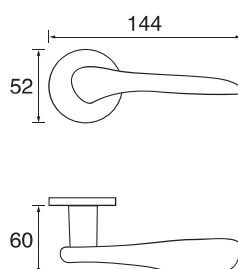
**LH124**

■ Stainless steel



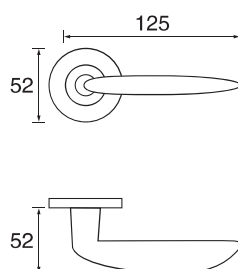
**LH125**

■ Stainless steel



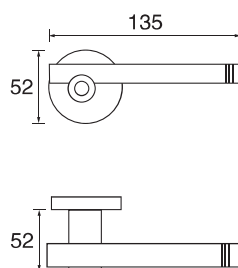
**LH126**

■ Stainless steel



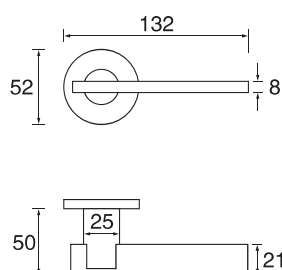
**LH130**

■ Stainless steel



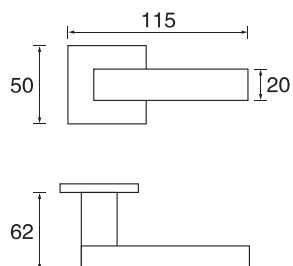
**LH132**

■ Stainless steel



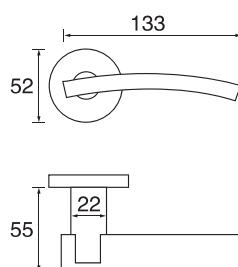
**LH142**

■ Stainless steel



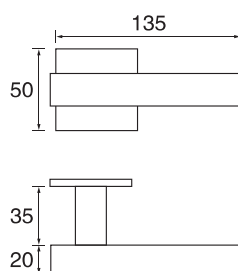
**LH144**

■ Stainless steel



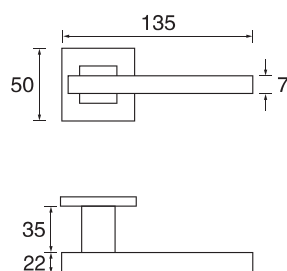
**LH146**

■ Stainless steel



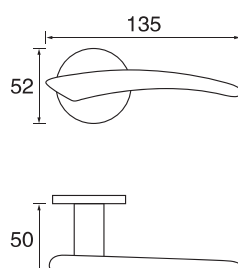
**LH150**

■ Stainless steel



**LH152**

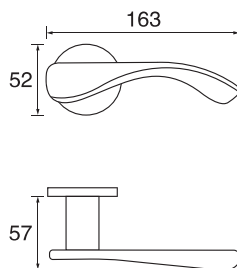
■ Stainless steel



**LH157**

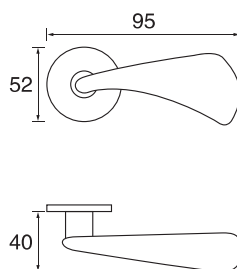
■ Stainless steel





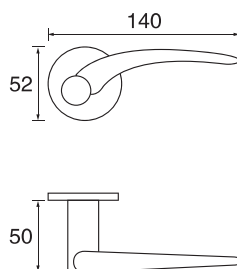
**LH162**

■ Stainless steel



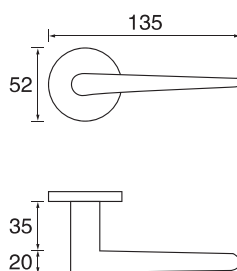
**LH163**

■ Stainless steel



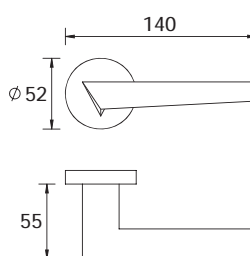
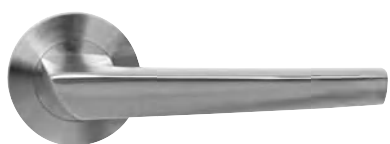
**LH164**

■ Stainless steel



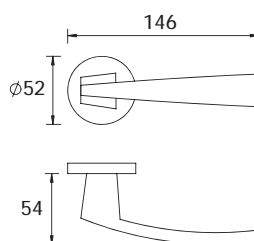
**LH169**

■ Stainless steel



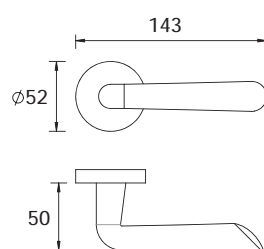
**LH201**

■ Stainless steel



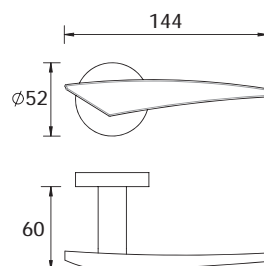
**LH202**

■ Stainless steel



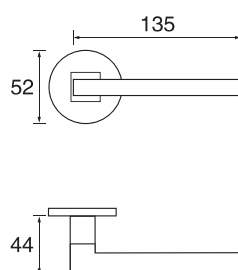
**LH203**

■ Stainless steel



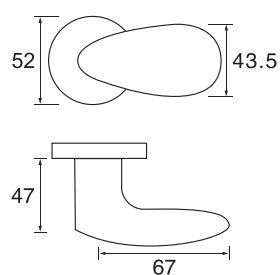
**LH204**

■ Stainless steel



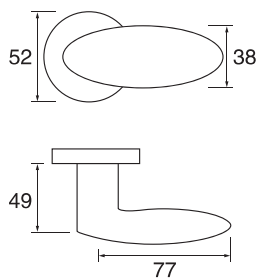
**LH205**

■ Stainless steel



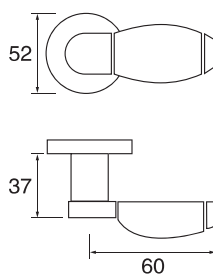
**FK001**

■ Stainless steel



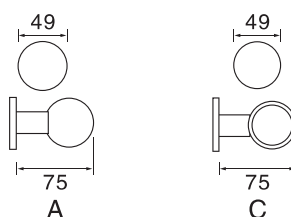
**FK002**

■ Stainless steel



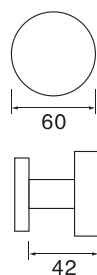
**FK003**

■ Stainless steel



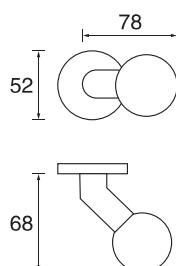
**FK004**

■ Stainless steel



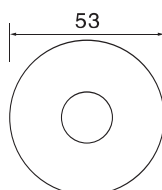
**FK006**

■ Stainless steel



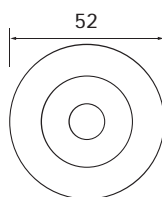
**FK007**

■ Stainless steel



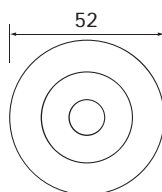
### Rose-A

■ Stainless steel  
Available: Clip rose



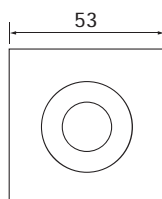
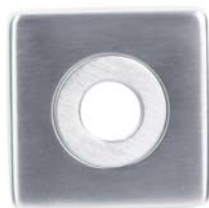
### Rose-B

Available: Threaded rose  
Clip rose



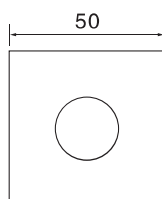
### Rose-C

■ Stainless steel  
Available: Threaded rose



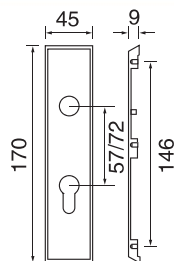
### Rose-D

Available: Clip rose



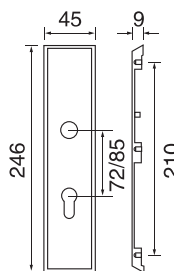
### Rose-E

■ Stainless steel  
Available: Threaded rose  
Clip rose



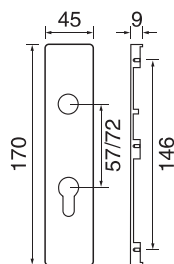
**P-01S**

■ Stainless steel



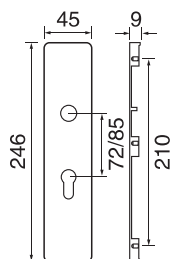
**P-01L**

■ Stainless steel



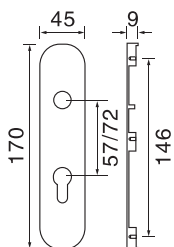
**P-02S**

■ Stainless steel



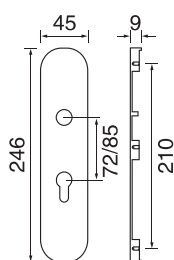
**P-02L**

■ Stainless steel



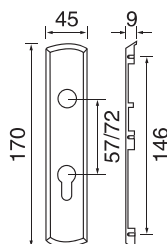
**P-05S**

■ Stainless steel



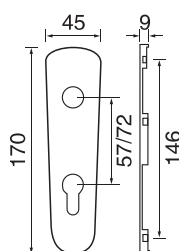
**P-05L**

■ Stainless steel



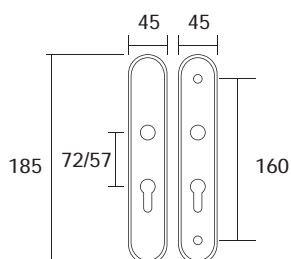
**P-06S**

■ Stainless steel



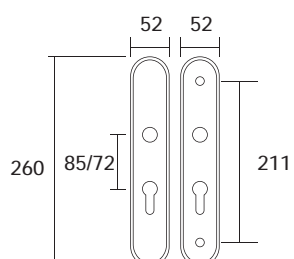
**P-09S**

■ Stainless steel



**P-14S**

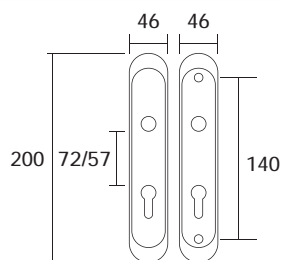
■ Stainless steel



**P-14L**

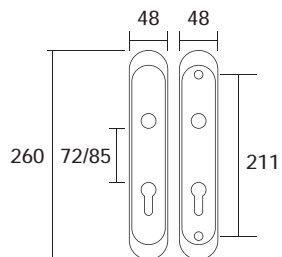
■ Stainless steel





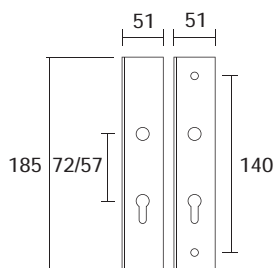
**P-15S**

■ Stainless steel



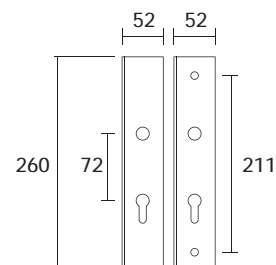
**P-15L**

■ Stainless steel



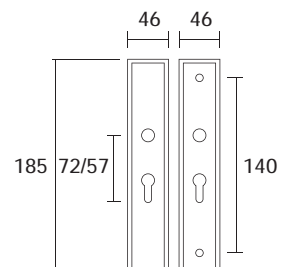
**P-16S**

■ Stainless steel



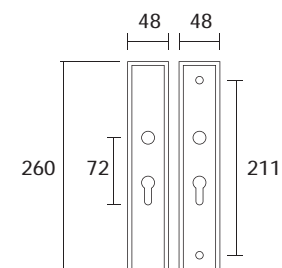
**P-16L**

■ Stainless steel



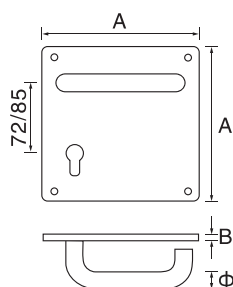
**P-17S**

■ Stainless steel



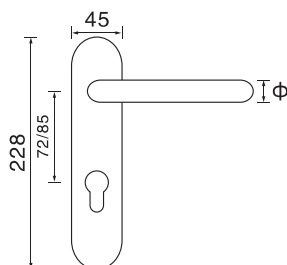
**P-17L**

■ Stainless steel



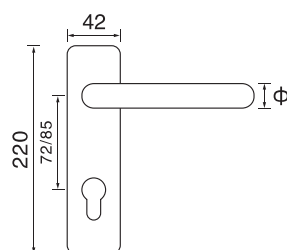
## TP300-1

- Stainless steel
- $\phi=16/19/22$
- A=170/180
- B=1.5/2.0



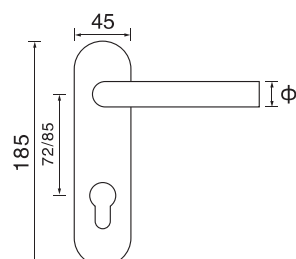
## TP300-2

- Stainless steel
- $\phi=16/19/22$



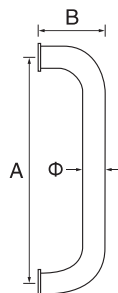
## TP300-3

- Stainless steel
- $\phi=16/19/22$



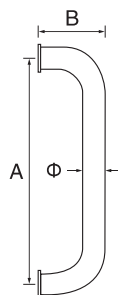
## TP300-4

- Stainless steel
- $\phi=16/19/22$



## PH301-A

- Stainless steel
- Φ=16/19/22/25
- A=200-600
- B=65-75

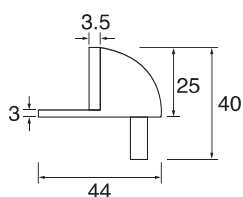


## PH301-B

- Stainless steel
- Φ=16/19/22/25
- A=200-600
- B=65-75

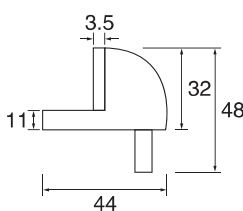
# Accessories





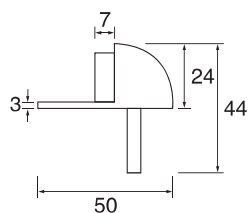
**DH001SS**

■ Stainless steel



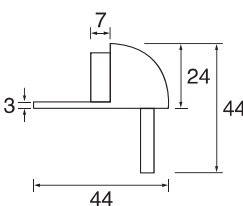
**DH002SS**

■ Stainless steel



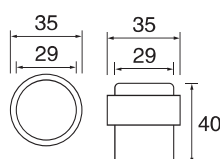
**DH003ZA**

■ Zinc alloy



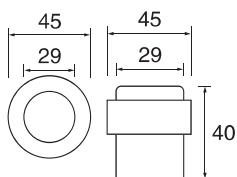
**DH004ZA**

■ Zinc alloy



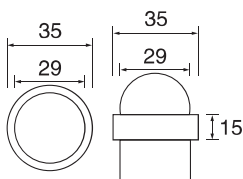
**DH005SS**

■ Stainless steel



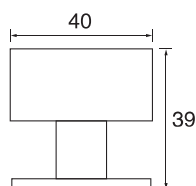
**DH006SS**

■ Stainless steel



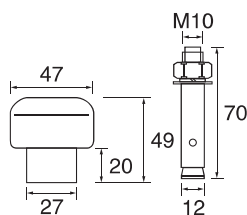
**DH007SS**

■ Stainless steel



**DH008SS**

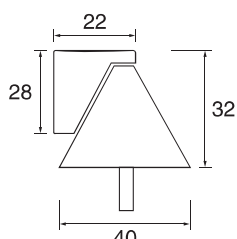
■ Stainless steel



**DH009BR**

■ Brass

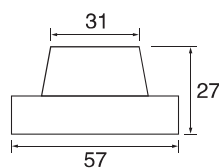
■ Stainless steel



**DH010ZA**

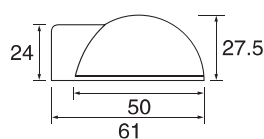
■ Zinc alloy





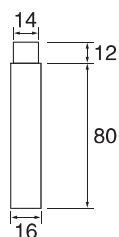
**DH011SS**

■ Stainless steel



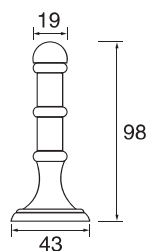
**DH012SS**

■ Stainless steel



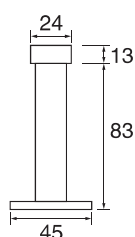
**DH017SS**

■ Stainless steel



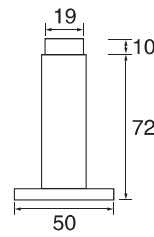
**DH020BR**

■ Brass



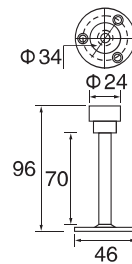
**DH021SS**

■ Stainless steel



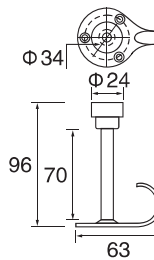
**DH022SS**

■ Stainless steel



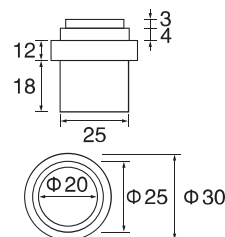
**DH023SS**

■ Stainless steel



**DH024SS**

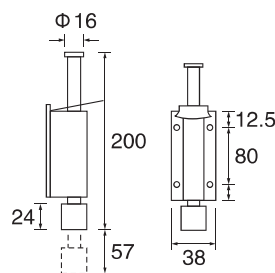
■ Stainless steel



**DH026**

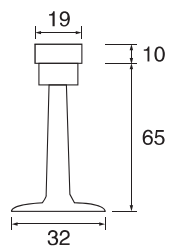
■ Stainless steel

■ Brass



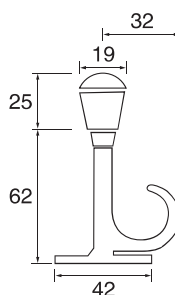
**DH029**

■ Stainless steel



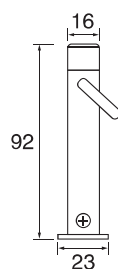
**DH033ZA**

■ Zinc alloy



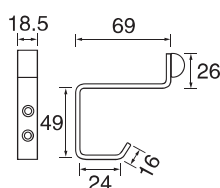
**DH034ZA**

■ Zinc alloy



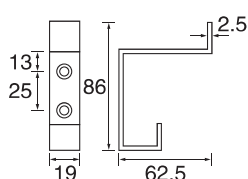
**DH036SS**

■ Stainless steel



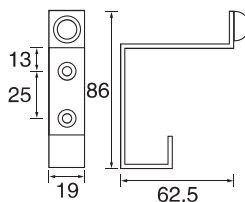
**DH037SS**

■ Stainless steel



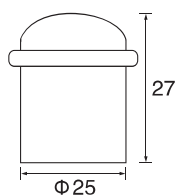
**DH038SS**

■ Stainless steel



**DH039SS**

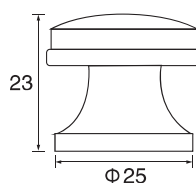
■ Stainless steel



**DH060**

■ Stainless steel

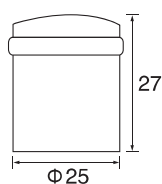
■ Brass



**DH061**

■ Stainless steel

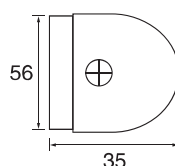
■ Brass



**DH063**

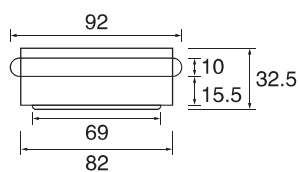
■ Stainless steel

■ Brass



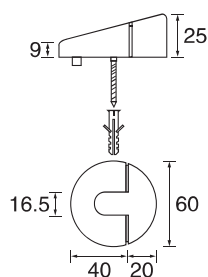
**DH070SS**

■ Stainless steel



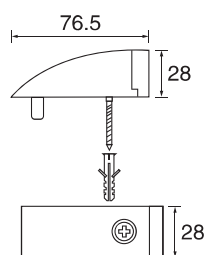
## DH073SS

- Stainless steel



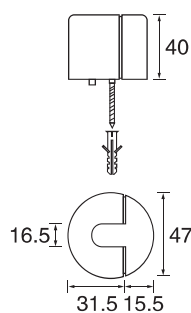
## DH076

- Stainless steel
- Zinc alloy



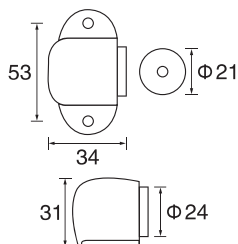
## DH077

- Stainless steel
- Zinc alloy



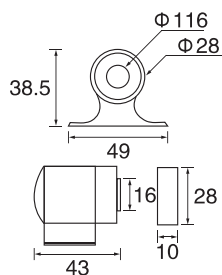
## DH078

- Stainless steel
- Zinc alloy



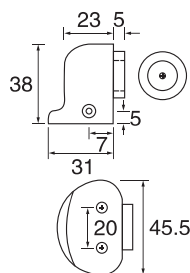
## DH081

- Stainless steel
- Zinc alloy



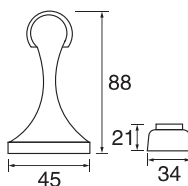
## DH082BR

- Brass
- Zinc alloy



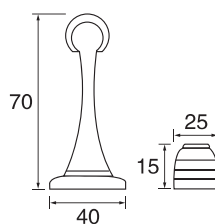
## DH083ZA

- Zinc alloy



## DH084BR

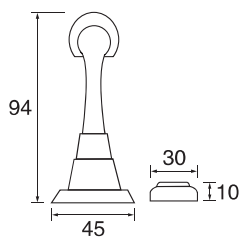
- Brass
- Stainless steel
- Zinc alloy



## DH085BR

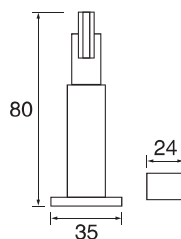
- Zinc alloy
- Stainless steel





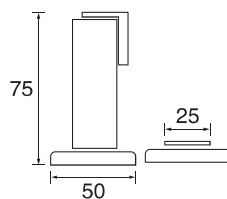
**DH086BR**

- Brass
- Stainless steel



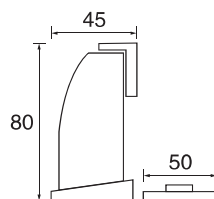
**DH087ZA**

- Zinc alloy



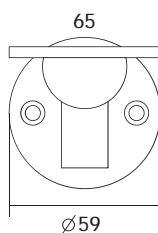
**DH088BR**

- Brass
- Stainless steel
- Zinc alloy



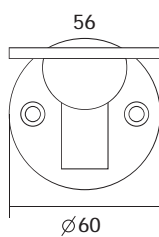
**DH089ZA**

- Zinc alloy



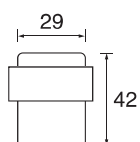
**DH090**

- Zinc alloy



DH091

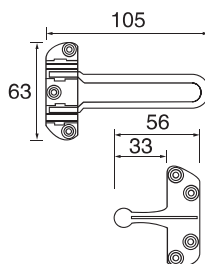
■ Stainless steel



DH092

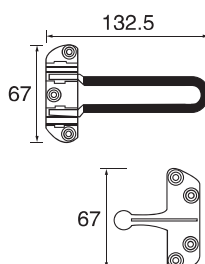
■ Stainless steel

■ Zinc alloy



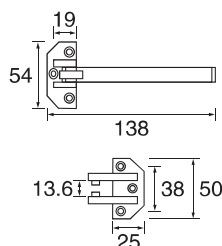
**DG001ZA**

- Zinc alloy
- Stainless steel



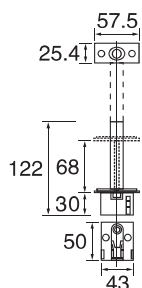
**DG002ZA**

- Zinc alloy



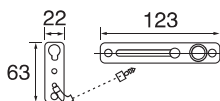
**DG003**

- Brass
- Zinc alloy



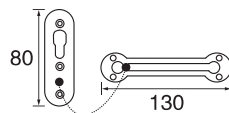
**DG004ZA**

- Zinc alloy
- Stainless steel



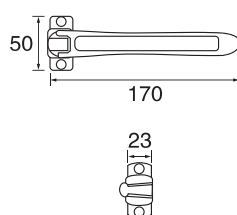
**DG005SS**

- Stainless steel



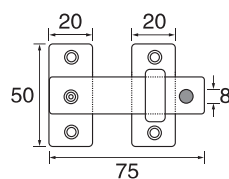
## DG006ZA

- Zinc alloy
- Stainless steel



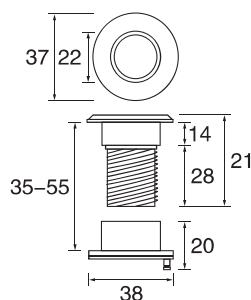
## DG007ZA

- Zinc alloy



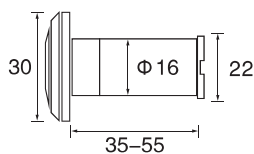
## DG010SS

- Stainless steel



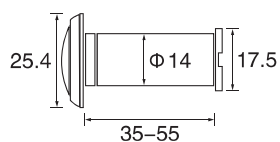
**DV220**

■ Brass



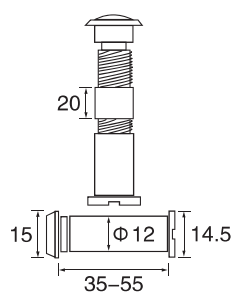
**DV200**

■ Brass



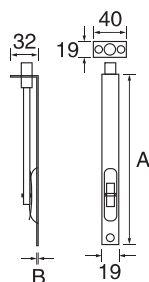
**DV180**

■ Brass



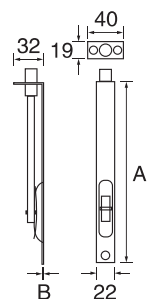
**DV160**

■ Brass



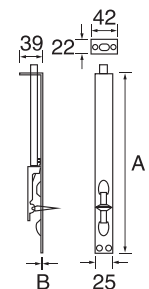
## DB001SS(A)

- Stainless steel
- A=6"/8"/10"/  
12"/16"/24"
- B=1.5/2.0



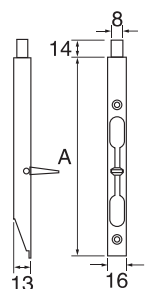
## DB001SS(B)

- Stainless steel
- A=6"/8"/10"/  
12"/16"/18"
- B=1.5/2.0



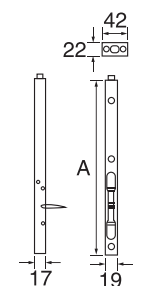
## DB002SS

- Stainless steel
- A=6"/8"/10"/12"/  
18"/20"/24"
- B=2.0



## DB003SS

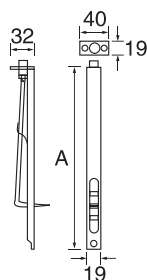
- Stainless steel
- A=6"/8"/10"/12"/  
18"/24"



## DB004SS

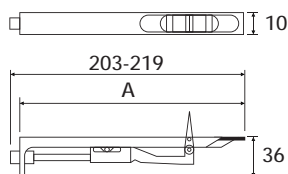
- Stainless steel
- A=8"/10"/12"/16"/  
18"/24"/36"





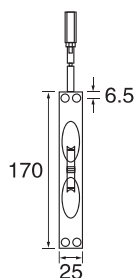
## DB005

- Brass
- A=6"/8"/10"/12"/14"/16"
- Stainless steel
- A=8"/12"



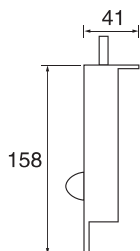
## DB006

- Stainless steel
- A=8"




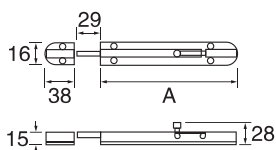
## DB008SS

- Stainless steel



## DB009SS

- Stainless steel
- 



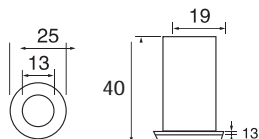
## DB011SS

- Stainless steel
- A=4"/6"/8"/10"/12"



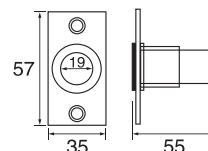
**DS001**

- Brass
- Stainless steel



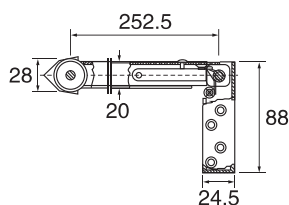
**DS002**

- Brass



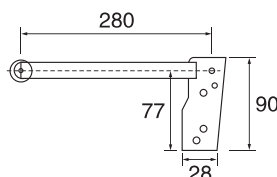
**CO001SS**

- Stainless steel



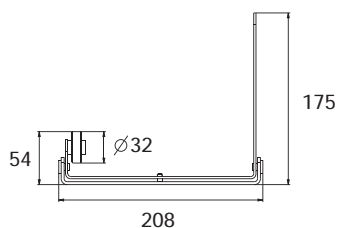
**CO002SS**

- Stainless steel



**CO003**

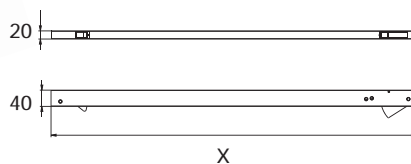
- Stainless steel



**CO004**

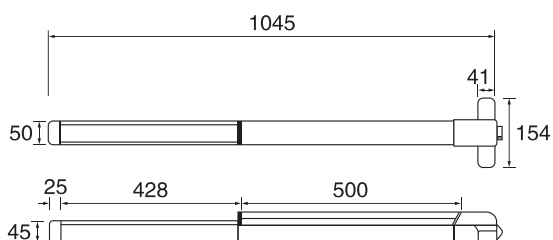
- Stainless steel

X=32"/42"/52"/60"



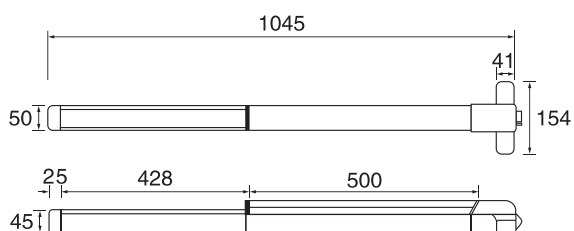
305

■ Stainless steel

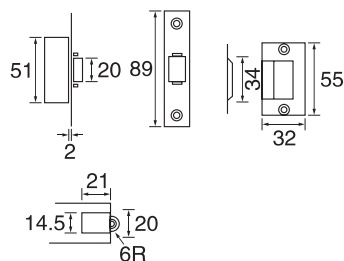


306

■ Stainless steel

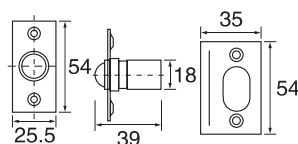


For more models and information of exit bar ,please contact with sales representative.



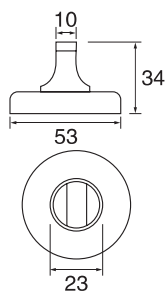
## BC002SS

■ Stainless steel



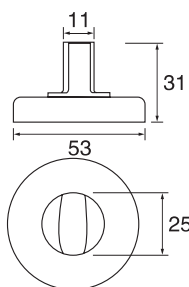
## BC005BR

■ Brass



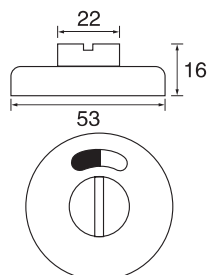
**TT001SS**

■ Stainless steel



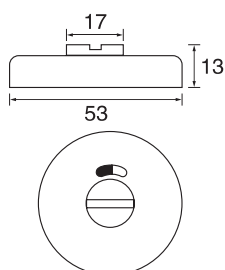
**TT002SS**

■ Stainless steel



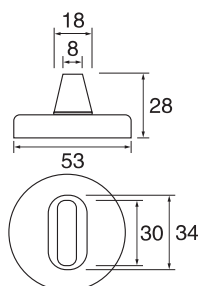
**TT003SS**

■ Stainless steel



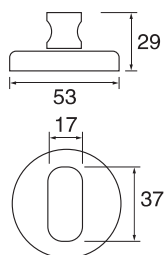
**TT004SS**

■ Stainless steel



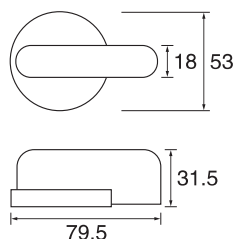
**TT005SS**

■ Stainless steel



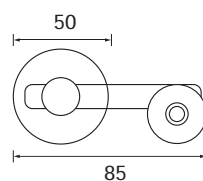
**TT006SS**

■ Stainless steel



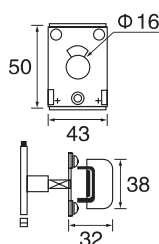
**TT007SS**

■ Stainless steel



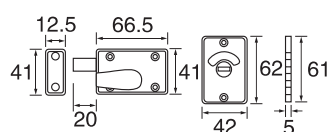
**TT014**

■ Stainless steel



**IB001SS**

■ Stainless steel



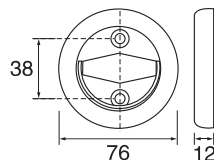
**IB002SS**

■ Stainless steel



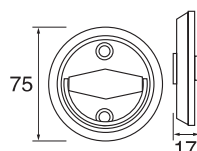
## CH001SS

■ Stainless steel



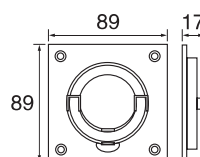
## CH002SS

■ Stainless steel



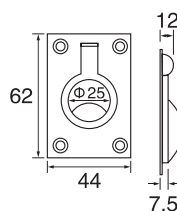
## CH003SS

■ Stainless steel



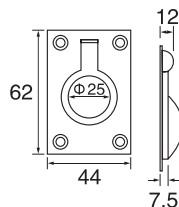
## CH004SS(A)

■ Stainless steel



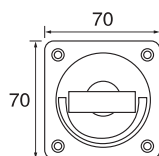
## CH004SS(B)

■ Stainless steel



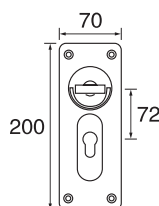
## CH005SS

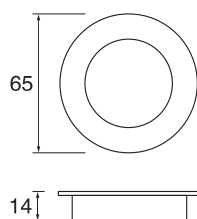
■ Stainless steel



## CH006SS

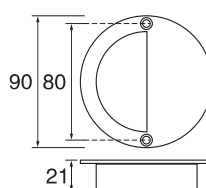
■ Stainless steel





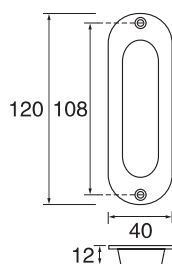
**FH001SS**

■ Stainless steel



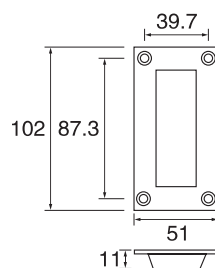
**FH002SS**

■ Stainless steel



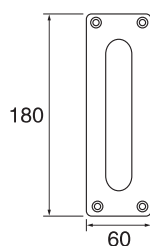
**FH003SS**

■ Stainless steel



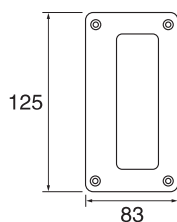
**FH004SS**

■ Stainless steel



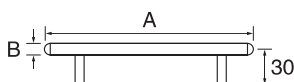
**FH005SS**

■ Stainless steel



## FH006SS

■ Stainless steel

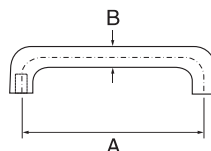


## FH009SS

■ Stainless steel

A=120-600

B=8/10/12/14

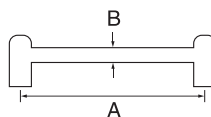


## FH010SS

■ Stainless steel

A=120-600

B=8/10/12/14

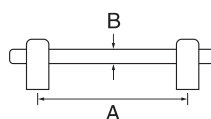


## FH011SS

■ Stainless steel

A=120-600

B=8/10/12/14



## FH012SS

■ Stainless steel

A=120-600

B=8/10/12/14

■ Stainless steel



SP001



SP002



SP003



SP019



SP004



SP005



SP006



SP018

■ Stainless steel



SP007



SP008



SP009



SP011

■ Stainless steel

■ Stainless steel



SP012



SP013



SP014



SP015

■ Stainless steel

0

LER0010

1

LER0011

2

LER0012

3

LER0013

■ Stainless steel

0

LER0020

1

LER0021

2

LER0022

3

LER0023

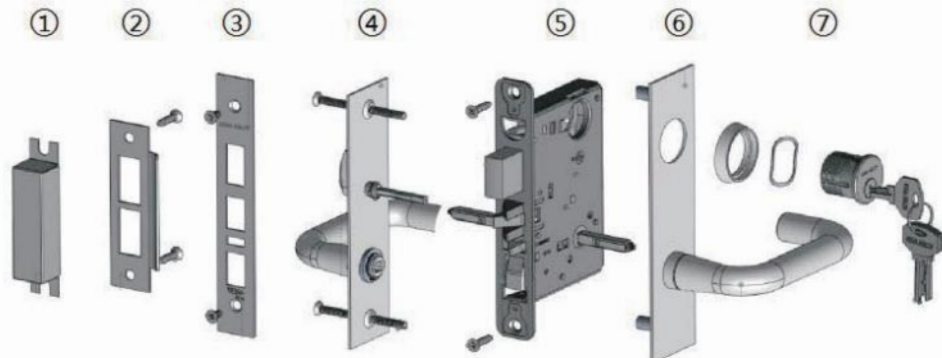


ANSI/BHMAA156.13  
**MORTISE LOCKS**

美式插芯鎖



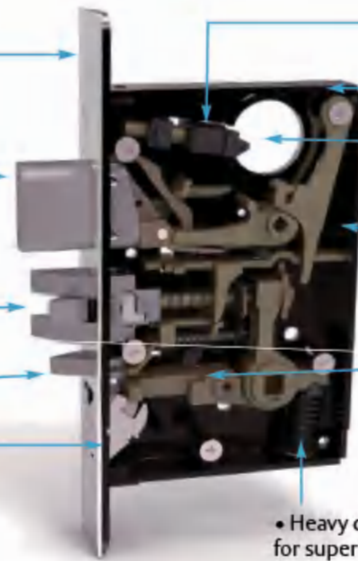
## Section



- |                              |                |
|------------------------------|----------------|
| ① Wrought strike box         | ④&⑥ Trim       |
| ② ANSI Template Strike Plate | ⑤ Lock Body    |
| ③ Armor Front                | ⑦ Cylinder Set |

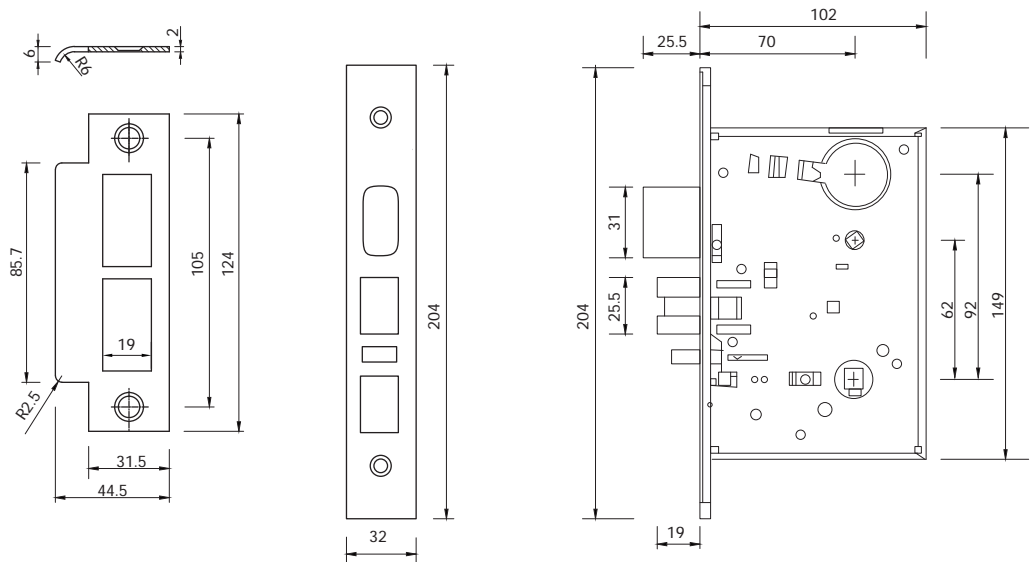
## Structure

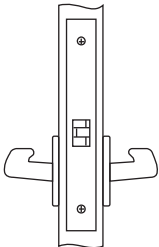
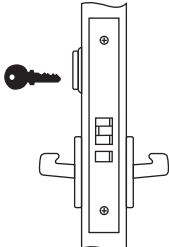
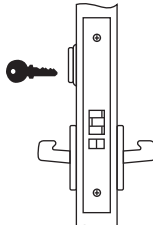
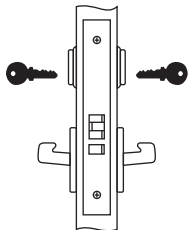
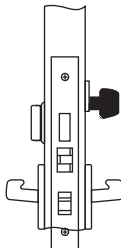
- 1.5mm thick stainless steel outside front plate. Adjustable for door bevels from flat to 3mm in 51mm.
- 25.5mm throw, slim oval shape stainless steel 304 made deadbolt with two enclosed hardened-steel roller armor pin.
- 19mm projection stainless steel two-piece latch, reversible at site. Anti-friction piece for quiet operation and prevents scratching of strike plate.
- Non-handed stainless steel deadlatch.
- Inside front 3mm steel (full length). One-piece design to hold lock securely in door.

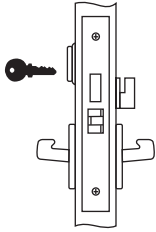
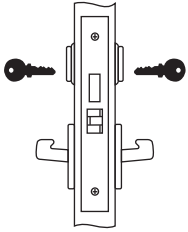
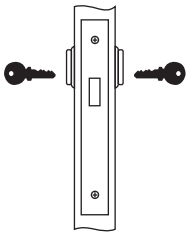
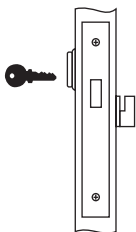



- Cylinder retainer two prong grip Security Grade1.
- Extra strong 3mm steel case for improved impact resistance.
- 6-pin solid brass cylinder standard; master keying systems available.
- Heavy gauge corrosion resistant parts provide security, reliability, durability and longevity.
- Heavy gauge corrosion resistant parts provide security, reliability, durability and longevity.
- Heavy duty hubs and spring cartridge for superior strength and cycle life

## Lock Dimension



	Model No.	Description	Outside	Inside
Function No. F01 Passage or Closet		<ul style="list-style-type: none"> <li>Latchbolt retracted by lever either side at all times</li> <li>Both levers always free</li> </ul>		
F05 Classroom		<ul style="list-style-type: none"> <li>Latchbolt retracted by lever either side, unless outside lever is locked by key outside</li> <li>Auxiliary latch deadlocks latchbolt</li> <li>Inside lever always free</li> </ul>		
F07 Storeroom or Closet		<ul style="list-style-type: none"> <li>For use on storeroom, utility, exit doors.</li> <li>Latchbolt retracted by key outside, knob/lever inside.</li> <li>Outside knob/lever rigid at all times.</li> <li>Inside knob/lever always active.</li> <li>Deadlocking latchbolt.</li> </ul>		
F09 Entrance or Public Restroom		<ul style="list-style-type: none"> <li>Latchbolt retracted by lever either side, unless outside lever by key inside</li> <li>When outside lever is locked, latchbolt is operated by key outside and lever inside</li> <li>Auxiliary latch deadlocks latchbolt</li> <li>Inside lever always free</li> </ul>		
F10 Apartment Corridor Door Lock		<ul style="list-style-type: none"> <li>Key and thumbturn both retract &amp; project deadbolt</li> <li>Trim outside is locked by toggle or projecting deadbolt</li> <li>Key retracts both latchbolt and deadbolt, trim outside remains locked</li> <li>Trim outside retracts latchbolt only, deadbolt is retracted manually &amp; trim outside remains locked</li> </ul>		

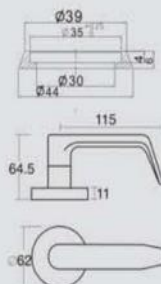
	Model No.	Description	Outside	Inside
Function No. F13 Dormitory, Entrance or Storeroom		<ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever either side</li> <li>Deadbolt operated by key outside, or by thumbturn inside</li> <li>When the deadbolt is projected, outside lever is automatically locked</li> <li>Inside lever simultaneously retracts latchbolt and deadbolt, automatically unlock outside lever</li> </ul>		
F14 Storeroom or Closet		<ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever either side</li> <li>Deadbolt operated by key both sides</li> </ul>		
F16 Dead lock Double cylinders		<ul style="list-style-type: none"> <li>Deadbolt operated by key either side</li> <li>Not UL Listed</li> </ul> <p><b>Note:</b> Use only on rooms with more than one exit</p>		
F17 Deadlock Cylinder and turn		<ul style="list-style-type: none"> <li>Deadbolt by key outside or by thumbturn inside</li> </ul>		
F18 Deadlock Single side cylinder		<ul style="list-style-type: none"> <li>Deadbolt operated by key outside only</li> <li>No inside operation</li> <li>Not UL Listed</li> </ul>		



# ANSI/BHMA A156.13 Mortise Lock

Function No.	Model No.	Description	Outside	Inside
F19 Privacy, Bedroom or Bathroom		<ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever either side</li> <li>Deadbolt operated by thumbturn outside, or by emergency release tool outside</li> <li>When the deadbolt is projected, outside lever is automatically locked</li> <li>Inside lever simultaneously retracts latchbolt and deadbolt, automatically unlock outside lever</li> </ul>		
F20 Apartment or Dormitory		<ul style="list-style-type: none"> <li>Latchbolt retracted by lever either side, unless outside lever is locked by toggle-action stop or by projection of deadbolt</li> <li>Deadbolt operated by key outside or by thumbturn inside</li> <li>When outside lever is locked, latchbolt and deadbolt are operated by key outside</li> <li>When the deadbolt is projected, outside lever is automatically locked</li> <li>Inside lever simultaneously retracts latchbolt and deadbolt with outside lever remains locked</li> <li>Auxiliary latch deadlocks latchbolt</li> </ul>		
F21 Storeroom or Closet		<ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever either side</li> <li>Deadbolt operated by key outside, or by thumbturn inside</li> </ul>		
F29 Classroom Deadlock		<ul style="list-style-type: none"> <li>Deadbolt operated by key outside , thumbturn inside</li> <li>Thumbturn inside will retract the deadbolt but will not project it</li> <li>Not UL Listed</li> </ul>		

## Rose & Lever Design



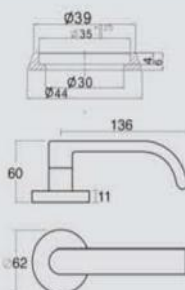
**8001**

Material:SUS304

材質:精鑄304不銹鋼

Finish:Satin SS, Polished SS, PVD

表面處理:不銹鋼精光, 砂光, 鍍金



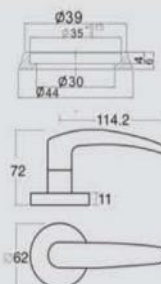
**8002**

Material:SUS304

材質:精鑄304不銹鋼

Finish:Satin SS, Polished SS, PVD

表面處理:不銹鋼精光, 砂光, 鍍金



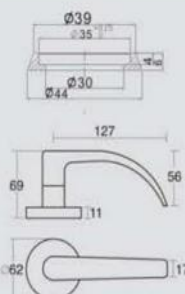
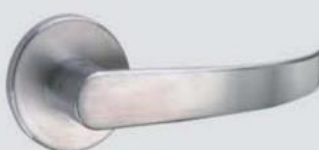
**8003**

Material:SUS304

材質:精鑄304不銹鋼

Finish:Satin SS, Polished SS, PVD

表面處理:不銹鋼精光, 砂光, 鍍金



**8004**

Material:SUS304

材質:精鑄304不銹鋼

Finish:Satin SS, Polished SS, PVD

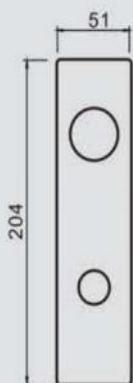
表面處理:不銹鋼精光, 砂光, 鍍金



## Rose & Lever Design

		<p><b>8006</b></p> <p>Material:SUS304</p> <p>材質:精鑄304不銹鋼</p> <p>Finish:Satin SS, Polished SS, PVD</p> <p>表面處理:不銹鋼精光, 砂光, 鍍金</p>
		<p><b>83A1</b></p> <p>Material:SUS304</p> <p>材質:精鑄304不銹鋼</p> <p>Finish:Satin SS, Polished SS, PVD</p> <p>表面處理:不銹鋼精光, 砂光, 鍍金</p>
		<p><b>83A2</b></p> <p>Material:SUS304</p> <p>材質:精鑄304不銹鋼</p> <p>Finish:Satin SS, Polished SS, PVD</p> <p>表面處理:不銹鋼精光, 砂光, 鍍金</p>
		<p><b>83A3</b></p> <p>Material:SUS304</p> <p>材質:精鑄304不銹鋼</p> <p>Finish:Satin SS, Polished SS, PVD</p> <p>表面處理:不銹鋼精光, 砂光, 鍍金</p>

## Escutheon Design



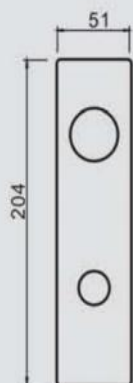
### 3C01

Material : SUS304

材質：精鑄304不銹鋼

Finish : Satin SS, Polished SS, PVD

表面處理：不銹鋼精光，砂光，鍍金



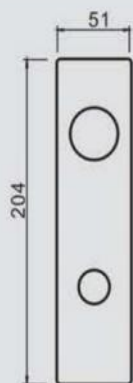
### 3C02

Material : SUS304

材質：精鑄304不銹鋼

Finish : Satin SS, Polished SS, PVD

表面處理：不銹鋼精光，砂光，鍍金



### 3C03

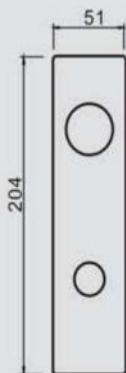
Material : SUS304

材質：精鑄304不銹鋼

Finish : Satin SS, Polished SS, PVD

表面處理：不銹鋼精光，砂光，鍍金

## Escutheon Design



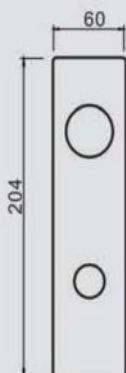
### 3C04

Material : SUS304

材質：精鑄304不銹鋼

Finish : Satin SS, Polished SS, PVD

表面處理：不銹鋼精光，砂光，鍍金



### 4C06

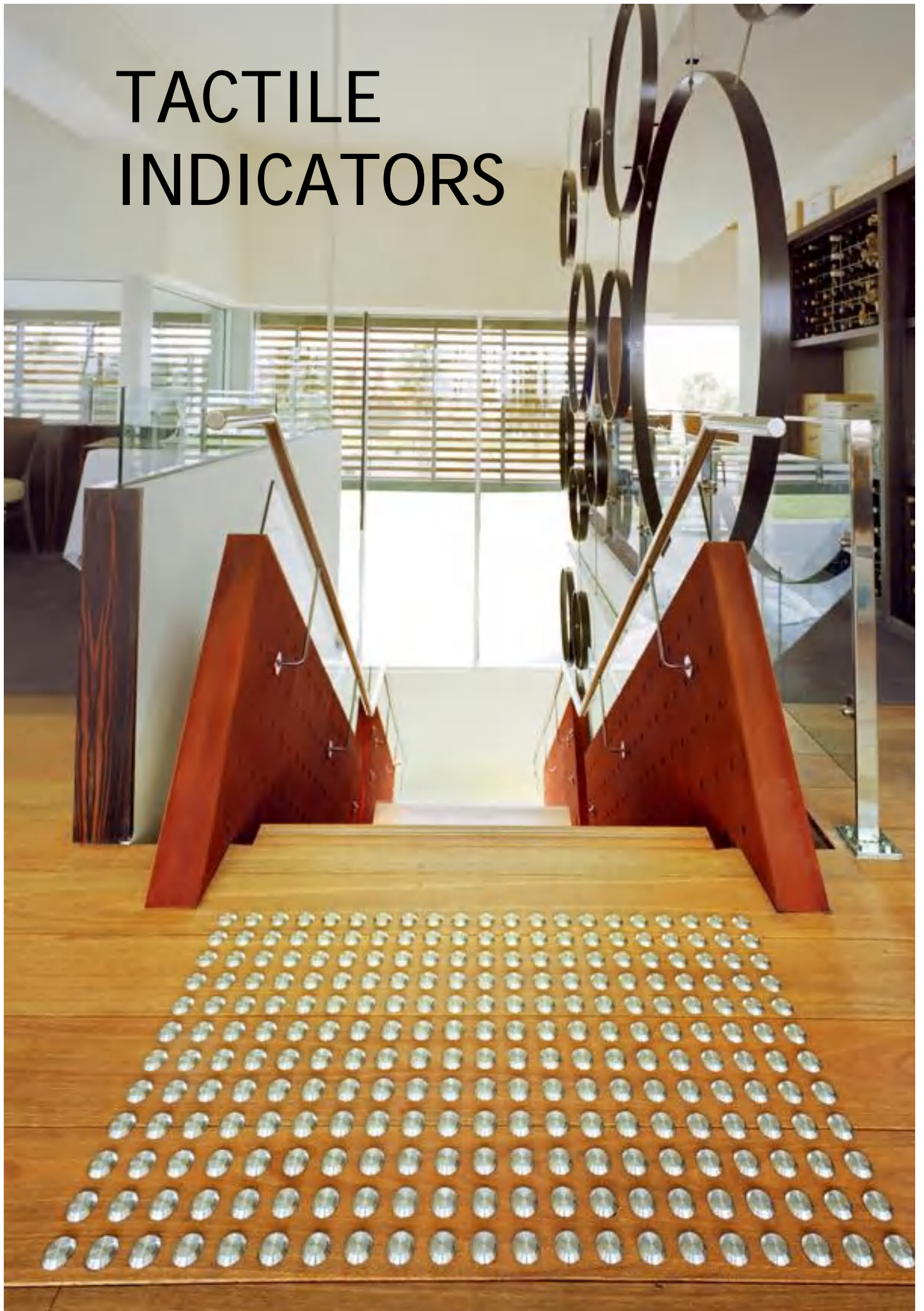
Material : SUS304

材質：精鑄304不銹鋼

Finish : Satin SS, Polished SS, PVD

表面處理：不銹鋼精光，砂光，鍍金

# TACTILE INDICATORS





## Basic Information



Material:  
Stainless steel 304/316

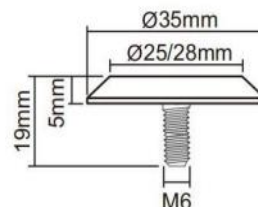
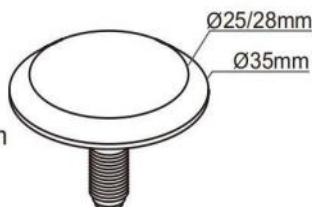
### Features:

- Suitable for various range of applications, such as shopping mall, hotel, school, hospital or any public area
- Easy and convenient installation
- High durability
- Tailor made is open to meet the customers needs

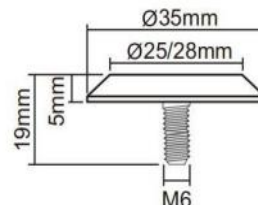
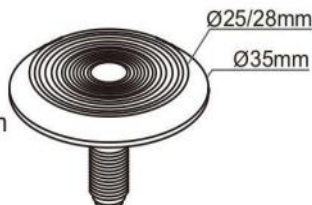
## Standard Models



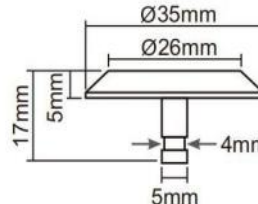
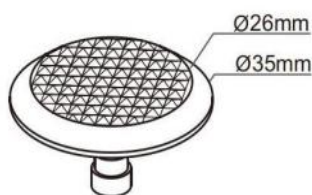
Outer Diameter: 35mm  
Inner Diameter: 25mm/28mm  
Height: 5mm



Outer Diameter: 35mm  
Inner Diameter: 25mm/28mm  
Height: 5mm



Outer Diameter: 35mm  
Inner Diameter: 26mm  
Height: 5mm



## Standard Models

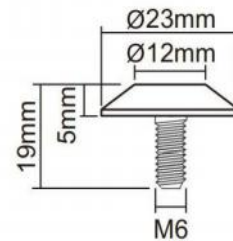
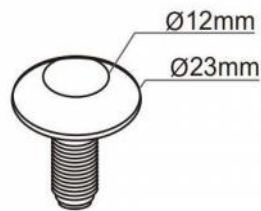




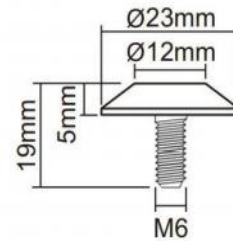
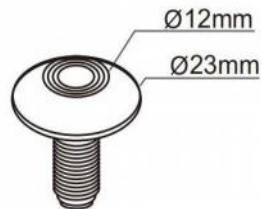
## Standard Models



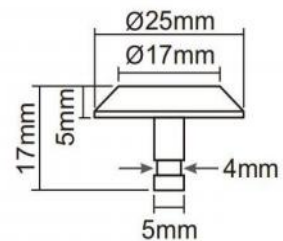
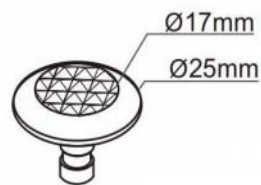
Outer Diameter: 23mm  
Inner Diameter: 12mm  
Height: 5mm



Outer Diameter: 23mm  
Inner Diameter: 12mm  
Height: 5mm



Outer Diameter: 25mm  
Inner Diameter: 17mm  
Height: 5mm

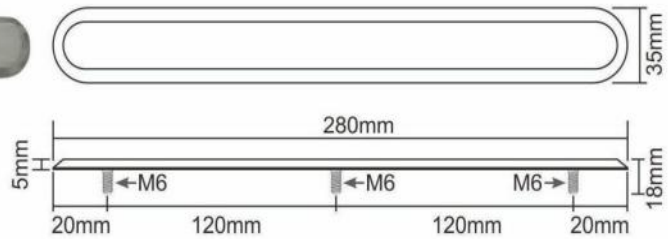


## Standard Models



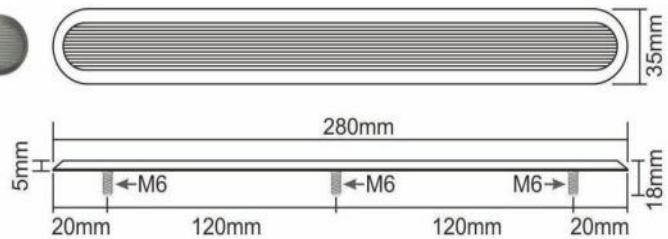
Model: 1024

Wide: 35mm  
Length: 280mm  
Height: 5mm



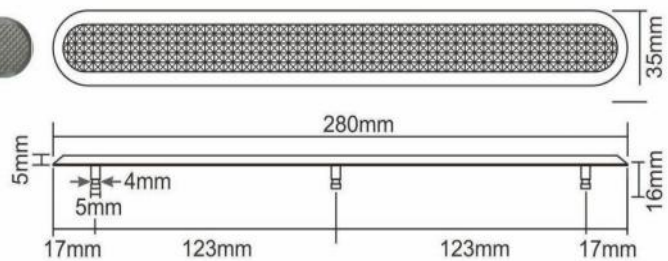
Model: 1025

Wide: 35mm  
Length: 280mm  
Height: 5mm



Model: 1026

Wide: 35mm  
Length: 280mm  
Height: 5mm



## Options

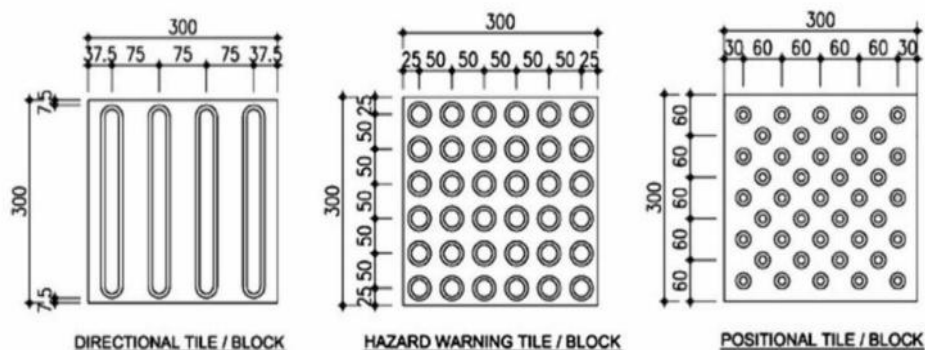


Customers can choose the option of 'with leg' or 'without leg' for all of the standard models  
For any other tailor-made tactile strips / tactile bolts, please contact us and order in advance

## Installation Info.

Buildings such as hospital, shopping mall, school, sports center, cinema, etc. are required to provide access routes inside the buildings for persons with a disability to enter, move within and leave a building to reach the accessible facilities.

Three kinds of tactile tiles/blocks as shown in below are commonly used in constructing a tactile guide path:



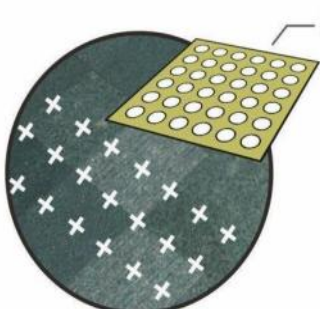
## Installation Info.

1.



Clean the floor surface.

2.



Pattern Plate

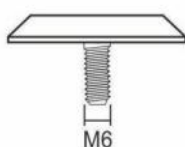
Fix the pattern plate on the floor, mark exactly where the holes need to be drilled.

3.



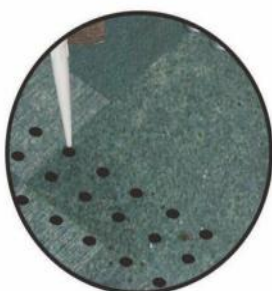
Drill the holes.

\*Experienced workers are preferred to avoid the damage of floor.



Drill hole diameter should be 7mm/8mm to reserve the spare space for epoxy.

4.



Clean the drill hole and floor surface once again.

## Installation Info.

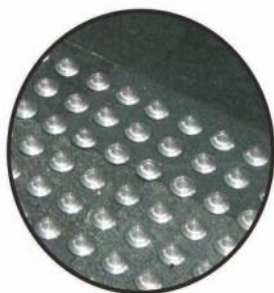
5.



Inject the epoxy into the holes.

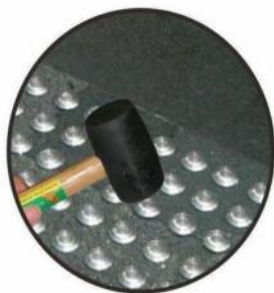
\* Different epoxy for different kinds of floor material.

6.



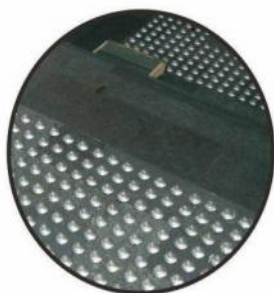
Install the tactile system.

7.



Gently hammer the surface of tactile surface.

8.



Installation complete.

Allow the epoxy to cure or to harden.

\* While the epoxy are curing, people should not step into the installation place.

# SMART LOCK





Supplied with NARROW 3585 LOCKS



## ACCESS BY



Fingerprint



Password



Mifare Card



Bluetooth



Mobile APP



Mechanical Key

## Supplied with NARROW 3585 LOCKS

This lock is based on **TTLock** platform, more convenient for home or Airbnb use.

Step-1: Search & install the TTLock APP from App Store / Android Market / Google Play.

Step-2: Register your own TTLock account by Email or Cell Phone, then search & add the device (lock).

Now, get started to enjoy using the brand-new MENDOCK smart lock.



**TTLock APP**

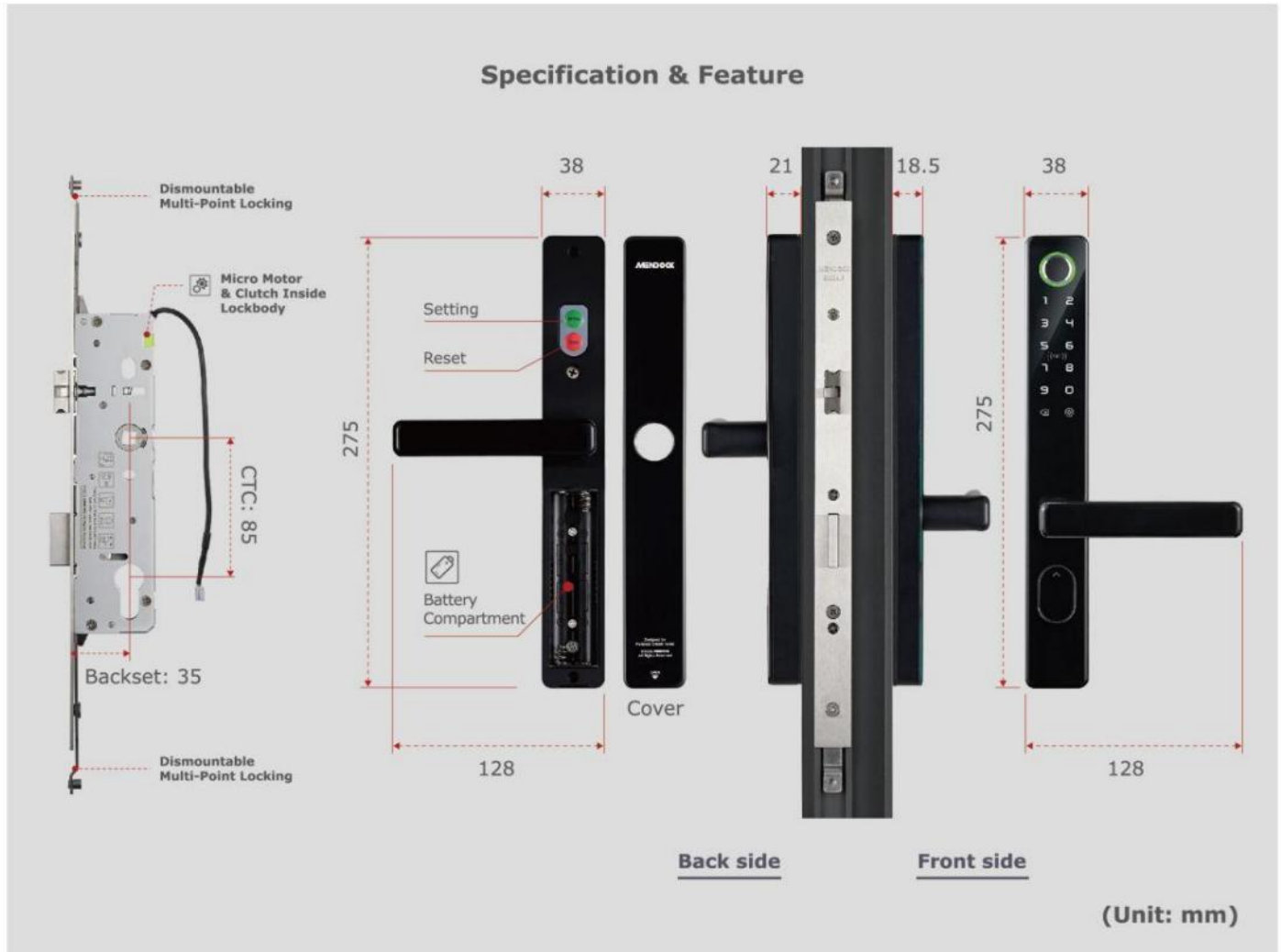


### Remote Control by Gateway Wifi Box



\* The Gateway Wifi Box is an optional accessory.

Supplied with NARROW 3585 LOCKS



#### Micro motor and clutch inside lockbody

The actuator core inside lockbody to have less components in panel, so the lock appearance can be designed more slim and thin.

The actuator core inside lockbody to against destroying front panel to unlock illegally.



#### Battery Compartment Position

The battery compartment is at the bottom of back panel, to prevent electronic component damage by battery leaks.

## Supplied with NARROW 3585 LOCKS

### H5 Smart Lock with Accessory Kit



#### 2 Mechanical Backup Keys Included

Please always keep the backup keys out of door.



#### 3 Philips Mifare-One Cards Included

Special order for more Mifare-One cards available.



#### 2 Spindles Included

Spindle A: 40mm(OUT) + 45mm(IN) for outwards opening doors use;

Spindle B: 25mm(OUT) + 60mm(IN) for inwards opening doors use.

Supplied with standard 5085/6085 Locks



## ACCESS BY



Fingerprint



Password



Mifare Card



Bluetooth



Mobile APP



Mechanical Key



## Supplied with standard 5085/6085 Locks

This lock is based on **TTLock** platform, more convenient for home or Airbnb use.

Step-1: Search & install the TTTLock APP from App Store / Android Market / Google Play.

Step-2: Register your own TTTLock account by Email or Cell Phone, then search & add the device (lock).

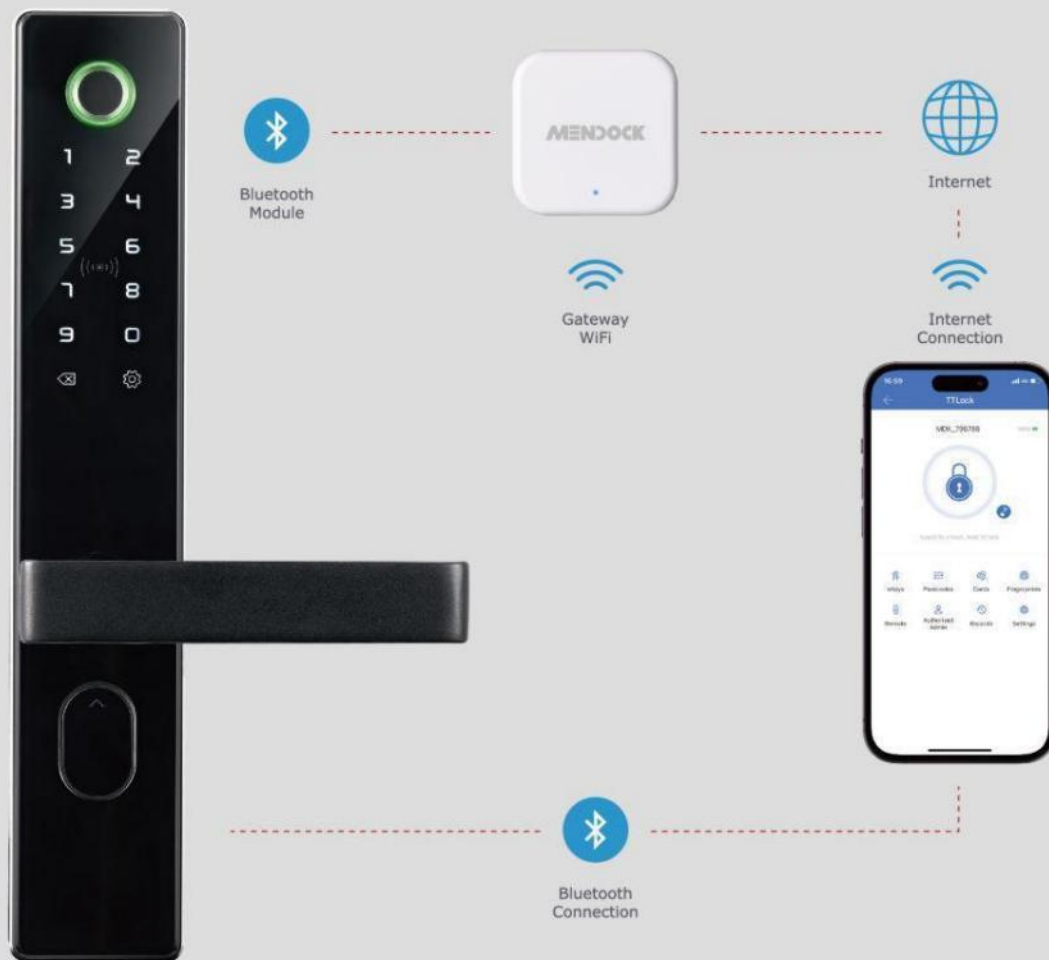
Now, get started to enjoy using the brand-new MENDOCK smart lock.



**TTLock APP**



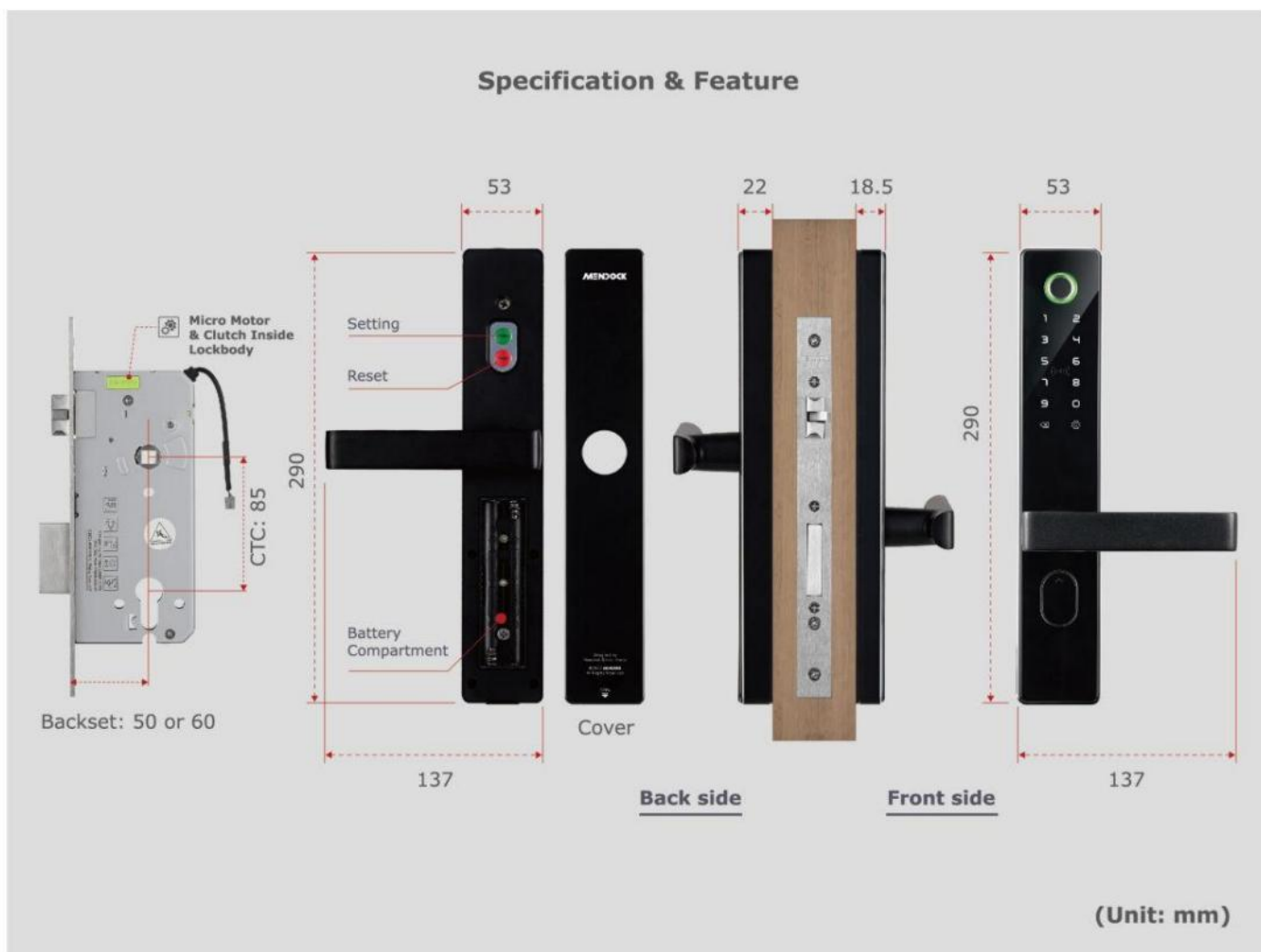
### Remote Control by Gateway Wifi Box



\* The Gateway Wifi Box is an optional accessory.



Supplied with standard 5085/6085 Locks



#### Micro motor and clutch inside lockbody

The actuator core inside lockbody to have less components in panel, so the lock appearance can be designed more slim and thin.

The actuator core inside lockbody to against destroying front panel to unlock illegally.



#### Battery Compartment Position

The battery compartment is at the bottom of back panel, to prevent electronic component damage by battery leaks.

Supplied with standard 5085/6085 Locks

## H6 Smart Lock with Accessory Kit



### 2 Mechanical Backup Keys Included

Please always keep the backup keys out of door.



### 3 Philips Mifare-One Cards Included

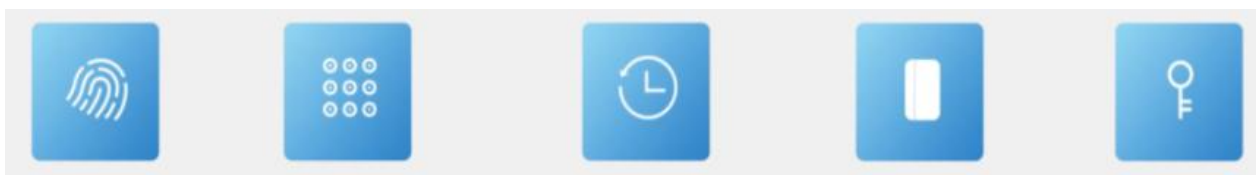
Special order for more Mifare-One cards available.



### 2 Spindles Included

Spindle length 76mm fits door thickness 35mm - 44mm;  
Spindle length 82mm fits door thickness 45mm - 60mm.

Supplied with 6068 size Locks



Fingerprint

Password

App

Card

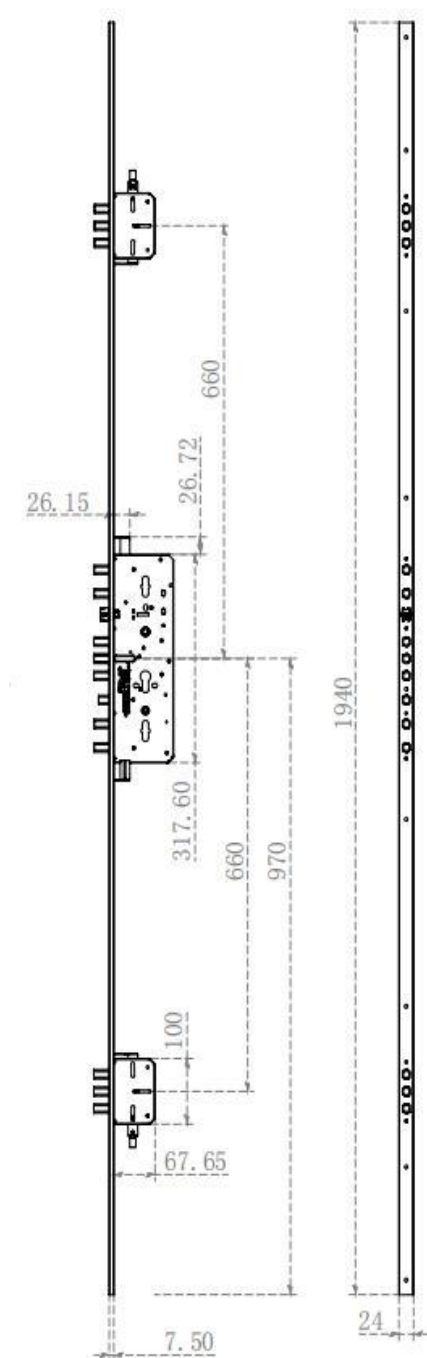
Key

Supplied with 6068 size Locks



**Standard 6068 Lock**

**9027#1**



**1940mm Face Plate  
with Multiple Locking Points**

**9027#2**



## 929 SMART LOCK

For wood doors and metal doors

Supplied with 72/85 Locks



Supplied with 72/85 Locks



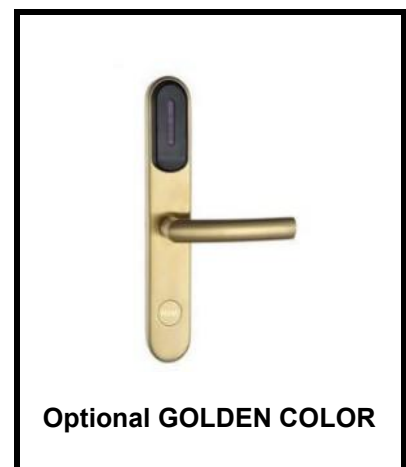
ANSI LOCK



72/85  
PANIC

72 Size

- ▶ 304 Stainless Steel
- ▶ Applicable with Euro Standard Mortise or ANSI Mortise
- ▶ Replace old mechanical lock easily.No need to change old mortise or old doors.
- ▶ Center to center distance can be 70/72/85mm
- ▶ Hidden cylinder cover or cylinder bare optional
- ▶ Color in HAIRLINE(US32D) or GOLDEN
- ▶ Suitable for Hotel ,Commercial office ,School,Government,Hospital and other buildings



Optional GOLDEN COLOR



Supplied with 72/85 Locks



929#1



929#2



929#3



929#4



# DOOR CLOSER

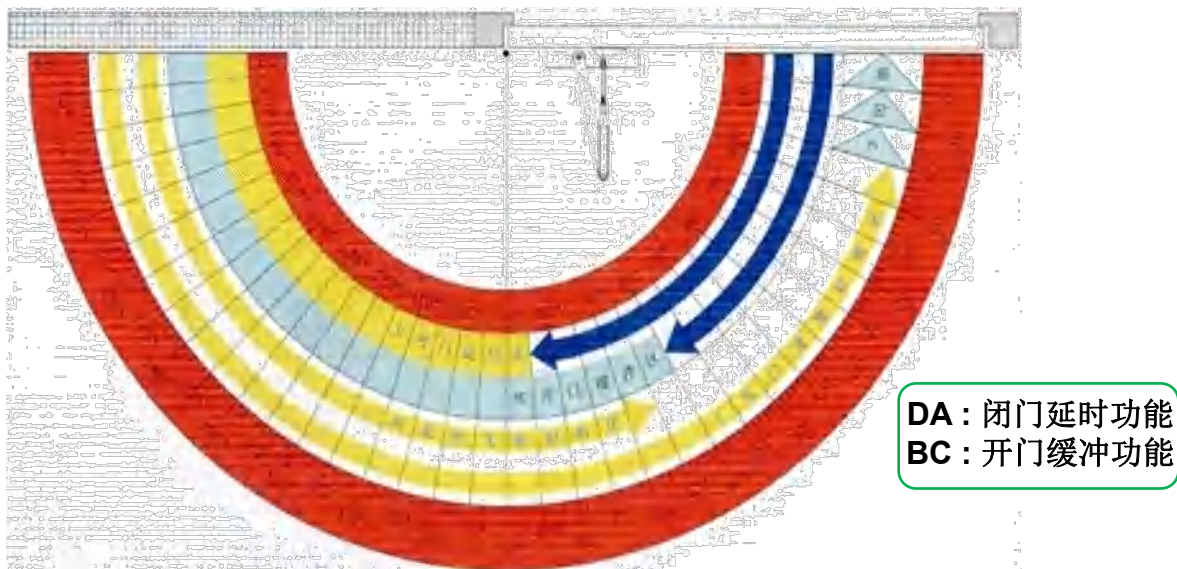
通过欧盟**CE**,美国和加拿大**UL**认证

CE of Europe Approved and UL of USA,Canada Approved



## 功能说明和介绍

### Door Closer Functions



#### 1: 关门功能 Sweep Function

闭门功能可以让门扇从180°-15°可根据需要无节限制调节关闭速度。

The sweep function allows the door leaf to adjust the closing speed from 180°-15°as needed without limits.

#### 2: 闭锁功能 Latch Function

闭锁功能可以让门扇从15°-0°速度可控，并保证闭合上锁，达到安全要求。

The latch function allows the door leaf to adjust the closing speed from 15°-0°as needed ; and to ensure that the locking is closed and the safety requirements are met.

#### DA: 延时关闭功能 (可选) Delay action function (optional)

闭门延时功能可以延长门扇180°-65°的关闭时间，让携带行李、大件物品、老幼病残的人员从容通过

The delay action function can extend the closing time of the door leaf from 180°-65°,allowing people carrying luggages,large items,old and young ,and disabled to pass.

#### BC : 开门缓冲功能 (可选) Back check function (optional)

开门缓冲功能可以让门扇开启到65°后，开门速度缓慢下来，防止开门速度过快导致门锁以及门产品的或墙壁的碰撞。

The back check function can slow down the door opening speed after the door opened up to 65° and prevent the damage of door lock and wall collision.

#### D : 定位功能 (可选) Open Hold function (optional)

定位功能可以让门在不需关闭的时候，让门固定在一定的角度，方便长时间搬运货物或者通风。

The Open-Hold function allows the door to be fixed at a certain opening angel ,so that it is convenient to carry goods for a long time or to ventilate the room .

## 安装方式

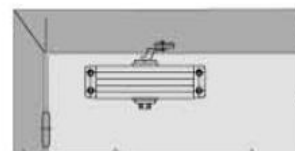
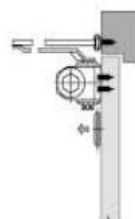
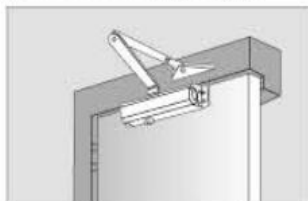
### Installation

#### 明装式

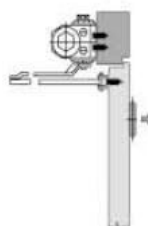
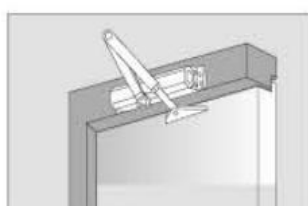
#### Surface Mouted

#### Type

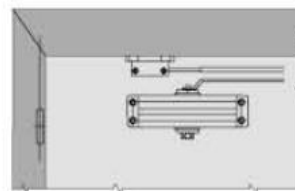
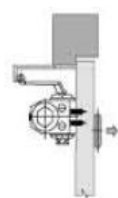
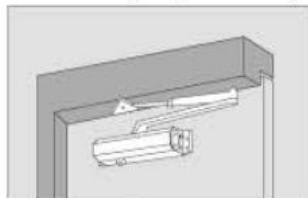
A Standard install /标准安装



B Doorcase install /门框安装



C Parallel rocking arm pedestal install /平行安装



#### 暗装式|隐藏式

#### Concealed

#### Invisable

A Standard install /标准安装



B Doorcase install /门框安装



## 产品剖析图

## BOM of Products



## 产品颜色选择

### Color of Door Closer (optional)



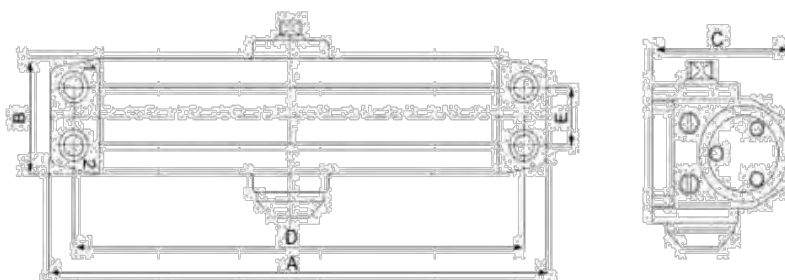
白色  
white



## 1000 系列闭门器

### 1000 DOOR CLOSER Series

- Economic type door closer of residential and commercial
- Performance standard:QB/T 2698-2013
- Two hydraulic press valves controlling two stage doors closing speed automatically
- High quality dia-casting aluminum alloy protected with two layer bright paint
- Power EN1-4 ( see models )
- Hold open function (optional)
- Manufacture of EN1154
- UL of UL10C
- CE certificated approved
- Can be installed on right and left doors
- Standard color of white/gold/silver or other kinds of color on clients' requirement.



EN1154:484114



3H UL10C



0359-\*\*\*\*\*

型号	外形尺寸 Dimension(mm)			安装尺寸 Size(mm)		门重(kgs)	门宽(mm)	力度	
Model	A	B	C	D	E	door weigh	door width	Power size	
1101	146	37	56.5	132	19	15-30	<800	EN1   EN2	
1102						25-45	750-850		
1302	177	40	62.5	162	19			40-65	830-950
1303									
1403	180	42	63	165	19	60-85	930-1100	EN4	CE
1503	185	43	67	168	19				
1504									
1604	205	45	68.5	188	19				CE   UL

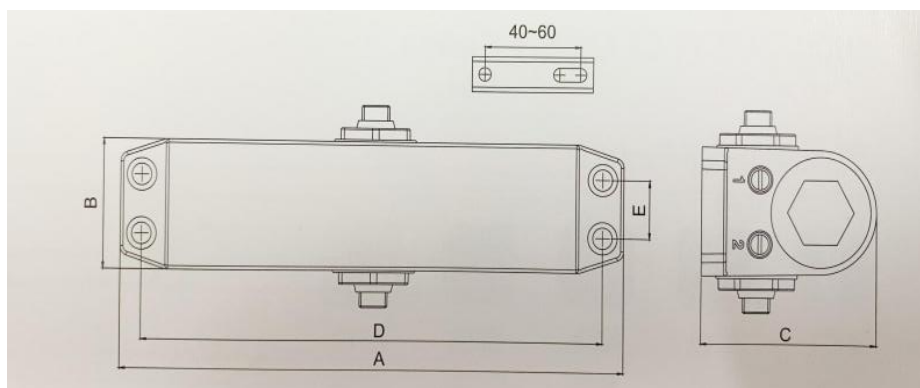


## 2000 系列闭门器

### 2000 DOOR CLOSER Series



- Economic type doors closer of residential and commercial
- China standard:QB/T 2698-2013
- European standard: EN1154
- USA/Canada standard: UL 10C
- High quality dia-casting aluminum protected with two layer bright paint
- Power EN4
- Hold open function (optional)
- Back check function (optional)
- Installed on right and left doors
- Standard color of white/gold/silver and other kinds of color.

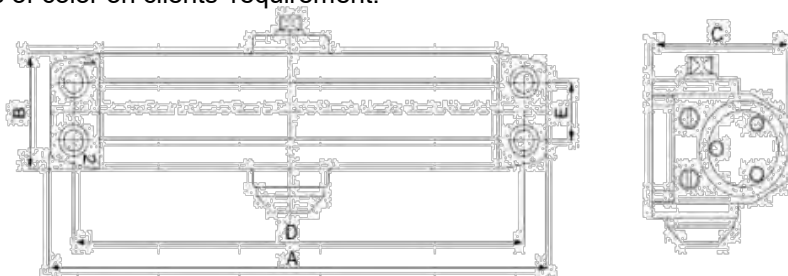


型号	外形尺寸 Dimension(mm)			安装尺寸 Size(mm)		门重(kgs)	门宽(mm)	力度
Model	A	B	C	D	E	door weigh	door width	Power size
2604	205	45	68.5	188	19	60-85	930-1100	EN4

## 3000 系列闭门器

### 3000 DOOR CLOSER Series

- Suitable for all kinds of doors of residential and commercial
- Performance standard:QB/T 2698-2013
- Two hydraulic press valves controlling two s doors closing speed automatically
- High quality dia-casting aluminum alloy protected with two layer bright paint
- Power EN4-6 ( see models )
- Hold open function (optional)
- Back check function (optional)
- Manufacture of EN1154
- UL of UL10C
- CE certificated appoved
- Can be installed on right and left doors
- Standard color of white/gold/silver or other kinds of color on clients' requirement.



型号	外形尺寸 Dimension(mm)			安装尺寸 Size(mm)		门重(kgs)	门宽(mm)	力度	
Model	A	B	C	D	E	door weigh	door width	Power size	
3303	180	40	63.6	162-165	19	40-65	830-950	EN3	
3604	205	45	68.5	188	19	60-85	930-1100	EN4	UL
3704	224	41.5	62	208	19			EN4 5	
3705						80-120	1030-1250		
3804	247	45	70	230	19	60-85	930-1100	EN4 5 6	UL
3805	185	43	67	168	19	80-120	1030-1250		UL
3806						100-150	1130-1400		UL
3816	205	45	68.5	188	19	15-150	750-1400		UL

## 4203|4204 闭门器

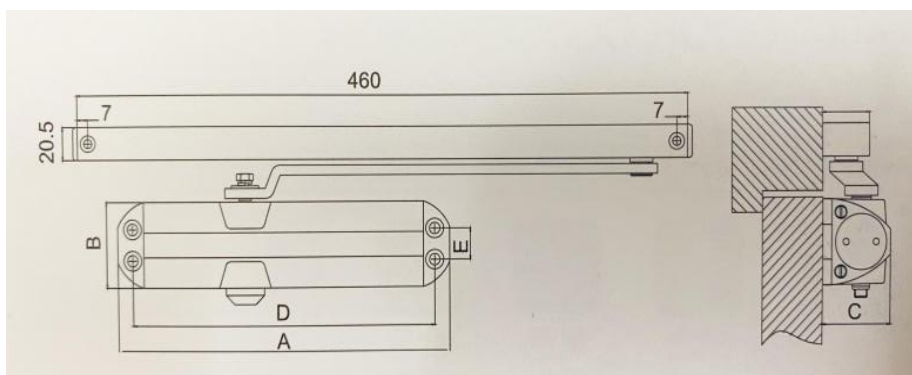
### 4203|4204 DOOR CLOSER

**EN1154:484114**

- Economic type doors closer of residential and commercial
- China standard:QB/T 2698-2013
- European standard: EN1154
- High quality dia-casting aluminum protected with two layer bright paint
- Power EN3| EN4
- Hold open function (optional)
- Back check function (optional)
- Installed on right and left doors
- Standard color of white/gold/silver or other kinds of color.
- Can be installed with SLIDING ARM



(SLIDING ARM -OPTIONAL)



型号	外形尺寸 Dimension(mm)			安装尺寸 Size(mm)		门重(kgs)	门宽(mm)	力度
Model	A	B	C	D	E	door weigh	door width	Power size
4203	220	54	45	202	19	40-65	830-950	EN3 EN4
4204						60-85	930-1100	

## 4403|4404 闭门器

### 4403|4404 DOOR CLOSER



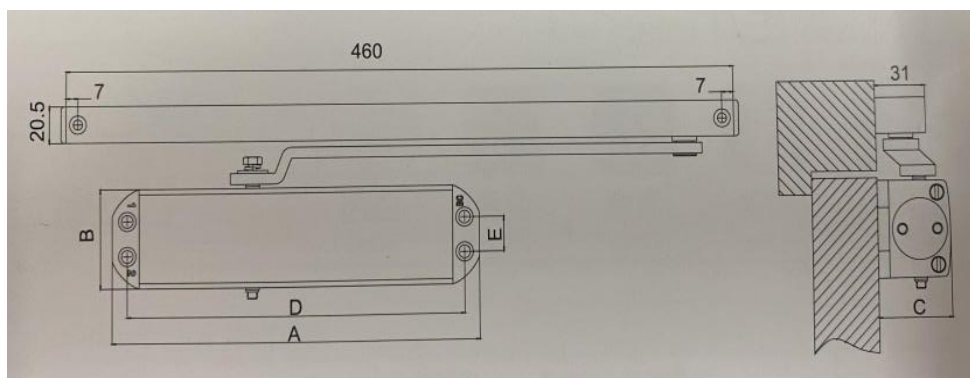
- Economic type doors closer of residential and commercial
- China standard:QB/T 2698-2013
- European standard: EN1154
- High quality dia-casting aluminum protected with two layer bright paint
- Power EN3| EN4
- Hold open function (optional)
- Back check function (optional)
- Installed on right and left doors
- Standard color of white/gold/silver or other kinds of color.
- Can be installed with SLIDING ARM



开门缓冲功能 (BC) 可选



(SLIDING ARM -OPTIONAL)



型号	外形尺寸 Dimension(mm)			安装尺寸 Size(mm)		门重(kgs)	门宽(mm)	力度
Model	A	B	C	D	E	door weigh	door width	Power size
4403	220	54	45	202	19	40-65	830-950	EN3 EN4
4404						60-85	930-1100	

**TOP-SIN Hardware Products Co.,Ltd.**

**[www.top-sin.com](http://www.top-sin.com)**

**[info @ top-sin.com](mailto:info@top-sin.com)**