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For Better Living

Lock Hardware Typical Product Catalogue



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1. Control room and machine room door hardware series



2. Maintenance room and spare parts room door hardware series



3. Auto fare collection system room door hardware series



4. Tunnel section connecting door hardware series



5. Safety passage door hardware series



6. Public washroom hardware series



1. Tower office hardware series



2. Machine room hardware series



3. Electric well hardware series



4. Channel fireproof hardware series



5. Staircase hardware series



6. Public washroom hardware series



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Hotel hardware

1. Guest room door hardware



2. Fire door hardware of escape exit



3. Linen room door hardware



4. Guest room toilet door hardware



5. Guest room toilet bath hardware



6. Public washroom bath hardware



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Hospital hardware



1. Ward door hardware series



2. Outpatient service room door hardware series



3. Dispensary room door hardware series



4. Escape door hardware series



5. Public washroom hardware



6. Ward bathroom hardware series



1. Classroom door hardware series



2. Storage room door hardware series



3. Dormitory door hardware series



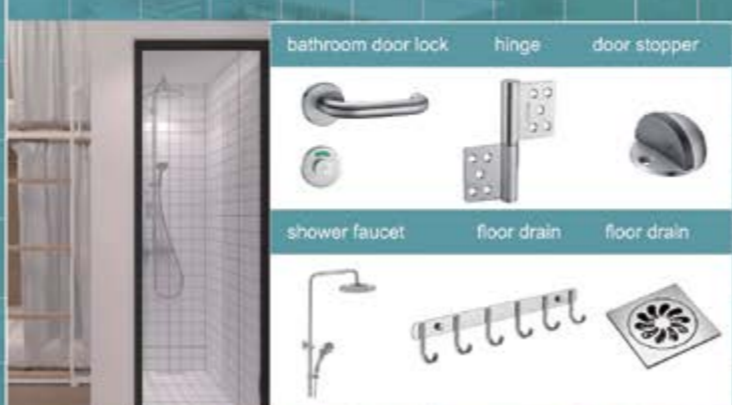
4. Office door hardware series



5. Public washroom hardware series



6. Dormitory hardware series



1. Door hardware



2. Interior door hardware



3. Bathroom door hardware



4. Refuge room door hardware



5. Bathroom hardware



6. Staircase fire door hardware



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Office Hardware

1. Office hardware series



2. Meeting room hardware series



3. Tea room hardware series



4. Fireproof door hardware series



5. Tube well door hardware series



6. Public washroom hardware series



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Shopping mall hardware

1. Shop door hardware series



2. Office door hardware series



3. Meeting room door hardware series



4. Escape door hardware series



5. Storage room door hardware series



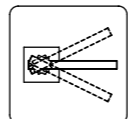
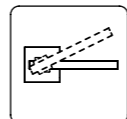
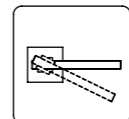
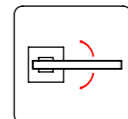
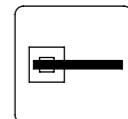
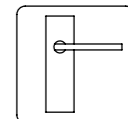
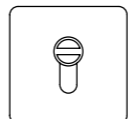

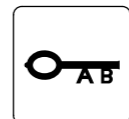
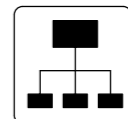








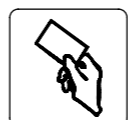


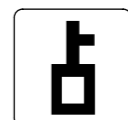
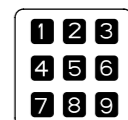


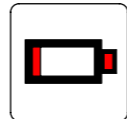

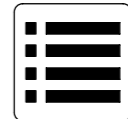


6. Public washroom hardware series



Certificate of Authority

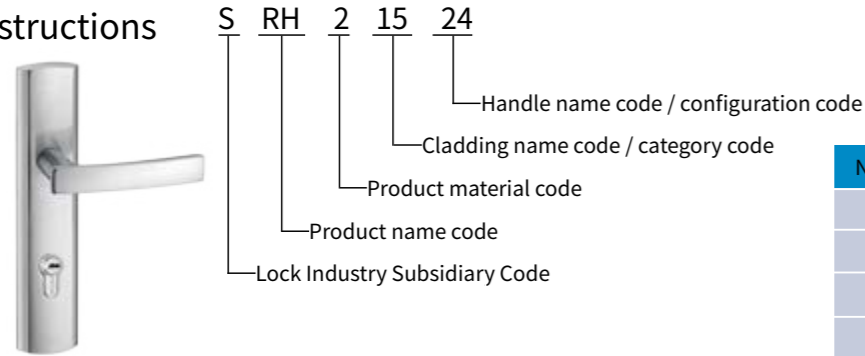


Icons Description

- | | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Double-drive function | Lock by back - extracted | Quick escape | Free handle | Fixed handle | Fake lock |
|  |  |  |  |  |  |
| Bathroom lock | Quick-mounting lock | Project key | Authority management | Mute | National patent products |
|  |  |  |  |  |  |
| Fireproofing 3C authentication | Fireproofing 1.5h | Security and quality inspection of the ministry of public security | EU CE security certification | The American National Standards Institute (ANSI) authentication | The American UL security certification |
|  |  |  |  |  |  |
| Opened by swiping card | Opened by fingerprint | Opened by telecontrol | Opened by key | Opened by password | Anti-peep password input |
|  |  |  |  |  |  |
| False lock warning | Low battery warning | Opening record query | Information updating | Distinguish between left and right | Left and right |

Coding instructions

Door lock model instructions



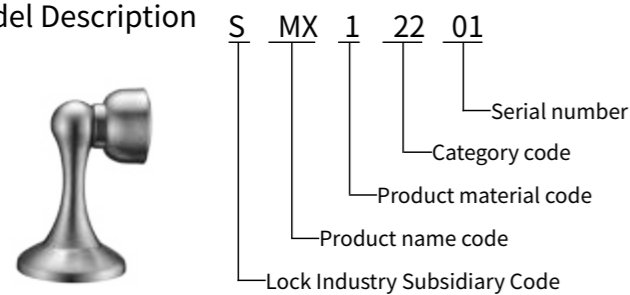
NO.	Product name code	Code
1	Entrance door lock	RH
2	Anti-theft door lock	FD
3	Interior door lock	SN
4	Bathroom door lock	WY
5	Passage door lock	TD
6	Sliding door lock	YM
7	Auxiliary door lock	FZ
8	Escape device	TS
9	Hotel lock	GY
10	Smart lock	ZN
11	Hinge	HY
12	Door stopper/ Door holder	MX
13	Door mirror	MJ

Product material code

Material	Code	Material	Code
Stainless steel	1	Aluminum	4
Zinc alloy	2	Iron	5
Copper	3	Other	6

Small hardware code description

Model Description



Model Description

- Hinge — 21
- Door stopper, door holder — 22
- Door mirror — 23
- Anti-theft chain, clasp — 25
- Selector — 26
- Latch — 27
- Dust canister — 28
- Sliding board — 29

Product Contents

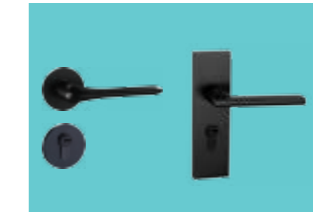
Hardcover room door lock hardware



Anti-theft Door Lock P1-9



Entrance Door Lock P10-24



Interior Door Lock P25-61

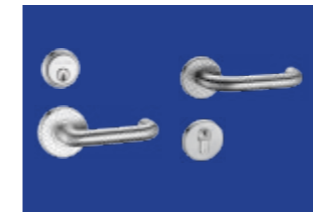


Refuge Room Interior Door Lock P62-63

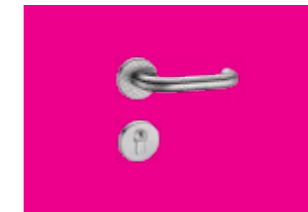


Bathroom Door Lock P64-68

Commercial door lock hardware



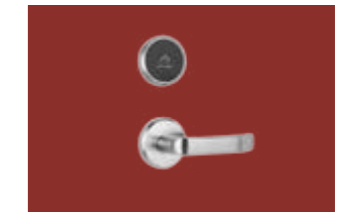
American Standard, European Standard Door Lock P69-82



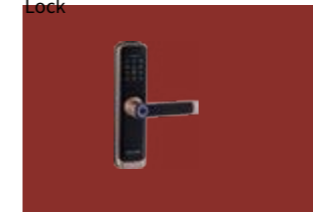
Split, Antibacterial, Passage Door Lock P83-90



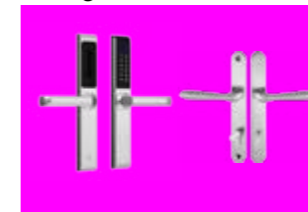
Panic Exit Push Rod Lock P91-102



Hotel Door Lock P103-117



Profile Door Lock P118-120



Profile Door Smart Lock P121-126



Glass Door Lock P127-137



Auxiliary Door Lock P138-154

Hardware Accessory














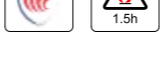


Small Hardware P155-178







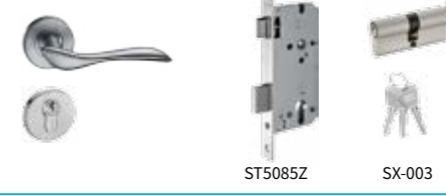









Lock Body, Lock Cylinder P179-187















Fireproof Lock

No.	Product Model	Product Picture	Certificate	Page Number
1	SFHS27105	 ST6072 SX-003		P84
2	SSN12729F	 ST6072 SX-003		P84
3	SSN12737F	 ST6072 SX-003		P84
4	SSN15815F	 ST6072 SX-003		P33
5	SSN335F	 ST6072 SX-003		P33
6	SSN336F	 ST6072 SX-003		P33
7	SSN12730F	 ST5085Z SX-003		P23















Fireproof Lock

No.	Product Model	Product Picture	Certificate	Page Number
8	SSN15811F	 ST5085Z SX-003		P23
9	SSN15814F	 ST5085Z SX-003		P23
10	SSN482F	 ST5085Z SX-003		P23
11	SSN485F	 ST5085Z SX-003		P24
12	SFHS27105-TD	 55L		P90
13	SGSS003	 55D SX-003		P148
14	SGSS001			P145















Fireproof Lock

No.	Product Model	Product Picture	Certificate	Page Number
15	SFD10411F			P4
16	SFD15551F			P4
17	SFD11118F			P4
18	SFD11214F			P4
19	FDS MLS0332F			P6
20	FDS MLS11801			P6
21	SFDS0207-68			P9





































Fireproof Lock

No.	Product Model	Product Picture	Certificate	Page Number
22	SSN15930F European Standard Fireproof Lock			P87
23	SSN10213F			P71
24	SSN10411F			P71
25	SSN10814F			P71
26	SSN10815F			P71
27	SSN12730FE European Standard Fireproof Lock			P87
28	SMB10213F American standard Fireproof Lock			P81

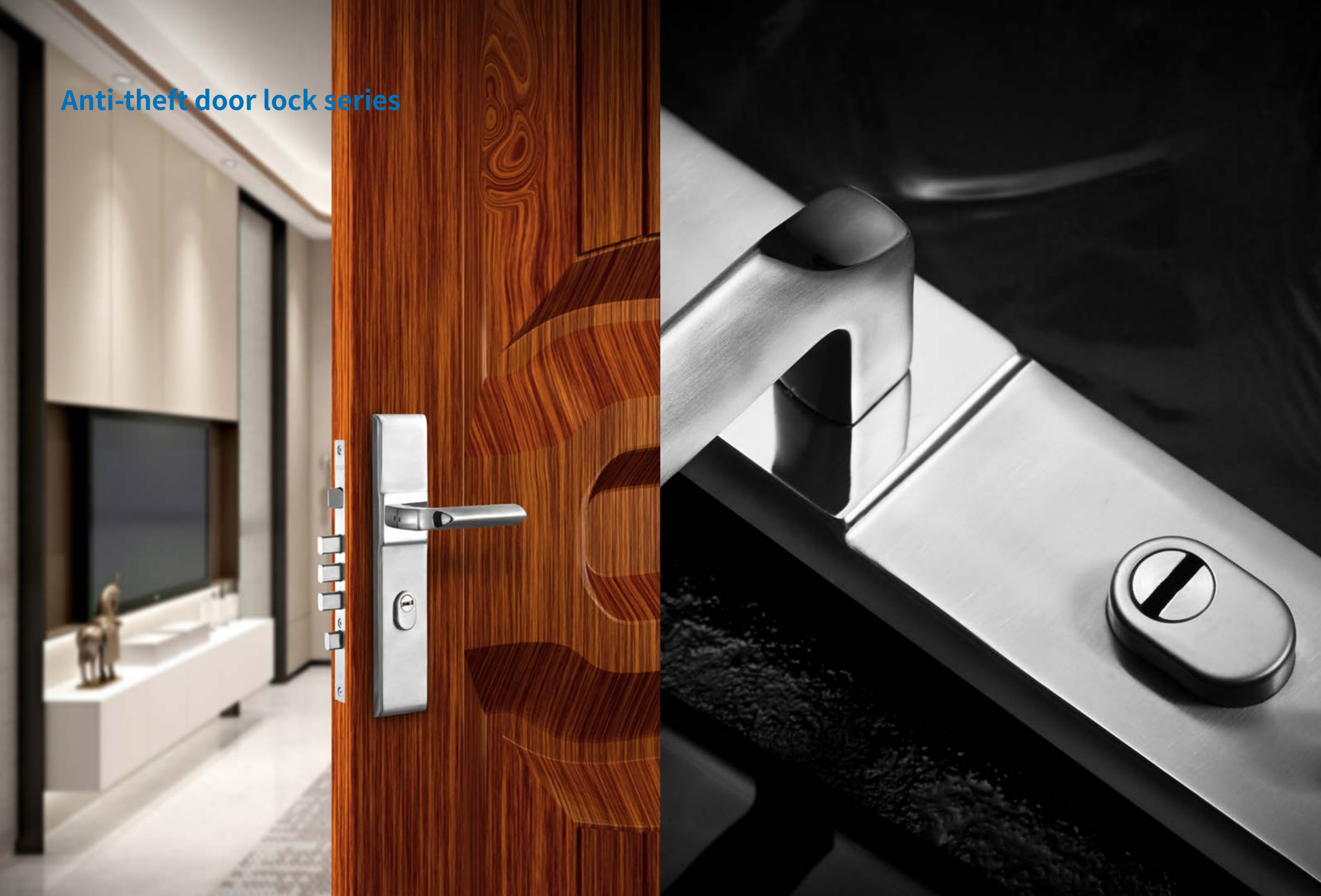
Escape push bar lock series

No.	Product Model	Product Picture	Certificate	Page Number
1	STS11501 Escape push bar lock			P95
2	STS11502 Escape push bar lock			P95
3	STS11503 Escape push bar lock			P96
4	STS11701 European standard escape push bar lock			P99
5	STS11702 European standard escape push bar lock			P99
6	STS11801 American standard escape push bar lock			P100
7	STS11802 American standard escape push bar lock			P100

Fire products

Product Model	Product Picture	Certificate	Page Number	Product Model	Product Picture	Certificate	Page Number
SHY12103			P158	SHY454046-4BB American standard hinge			P163
SHY12104			P158	SHY403030-2BB European standard hinge			P164
SHY12105			P159	SHY12124 Concealed hinge			P166
SHY12106			P159	SSW12602 Selector			P173
SHY12107			P159	SSW12603 Concealed selector			P173
SHY12108			P159	SSW12604 Heavy selector			P173
SHY12109			P160	SCX12701 Latch			P174
SHY12110 Anti-theft hinge			P160	SCX12702 Latch			P174
SHY12111 Anti-theft hinge			P160	SCX12704 Latch with middle-control			P174
SHY121112 Anti-theft hinge			P160	SCX12705 Latch			P175
SHY12113 Flag-shape hinge			P163	SCX12709 Automatic latch			P175
SHY121134 Flag-shape hinge			P161	—	—	—	—
SHY12117 Spring hinge			P161	—	—	—	—

Anti-theft door lock series

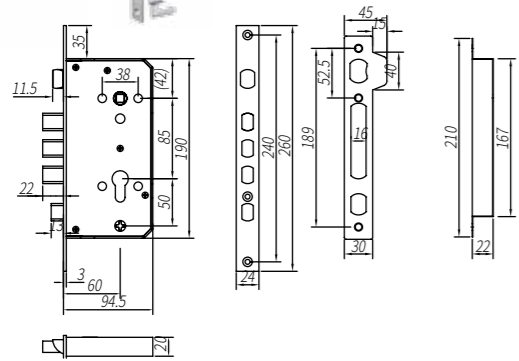


Anti-theft door lock series (ST6085)



ST6085 Anti-theft lock body

- Functional Characteristic · Passed GA/T 73-2015 B level mechanical security lock test.
- Suitable for steel or wood security doors.
- Two segments of the spring bolt protruding, the direction of oblique tongue is adjustable With insurance tongue, indoor knob control.
- Standard anti-theft lock cylinder with both side keys

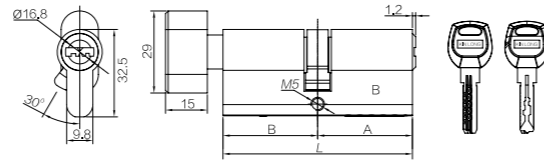


SX-006 Anti-theft lock cylinder

- * Passed GA / T73-2015 "Mechanical Anti-theft Lock" Class C Test
- * Suitable for steel or wooden security door
- * Flat slot type, ten marbles in two rows, 4 side beads with track groove, and anti-drilling pin
- * Available with double-headed lock cylinder and single-headed lock cylinder with knob
- * With architect key, A2 + B5

Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized



Function characteristics

- Passed GA/T 73-2015 B level mechanical security lock test
- Lock cylinder passed Class C Test
- Suitable for steel or wooden anti-theft doors and entrance doors
- Two segments of the spring bolt protruding
- With safety tongue, indoor knob control
- Indoor and outdoor handles can be pressed to open the oblique tongue
- Equipped with flat slot type, ten marbles in two rows anti-theft lock cylinder, A2+B5 key
- Distinguish left and right

Technical parameters

- Door margin distance: 60mm
- Hole center distance: 85mm
- Central installation, applicable to door thickness range: 49-58mm
- Beyond this range or eccentric installation requires non-standard customization
- Square steel size: 8×8×L

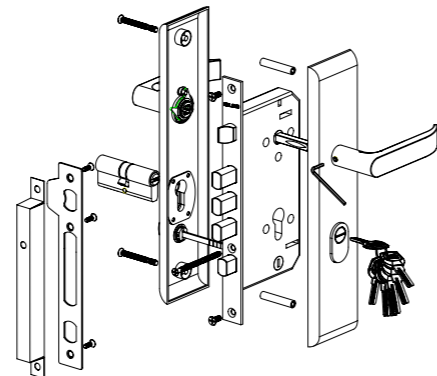
Material & Surface treatment

- Handle: 304 stainless steel
- Cladding: 304 stainless steel
- Exposed mounting screws: stainless steel
- Surface treatment: stainless steel brushed + mirror SC
- Bright green bronze AB
- Matte green bronze AK
- PVD gold (brushed + mirror) P8

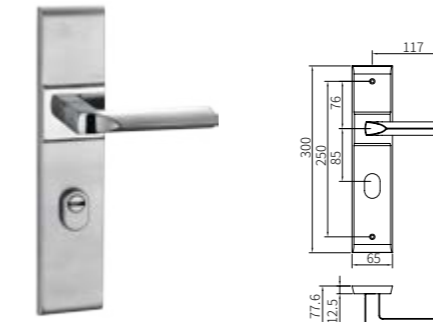
Precautions for customization and order

1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



Anti-theft Door Lock - Stainless steel handle cladding (ST6085)

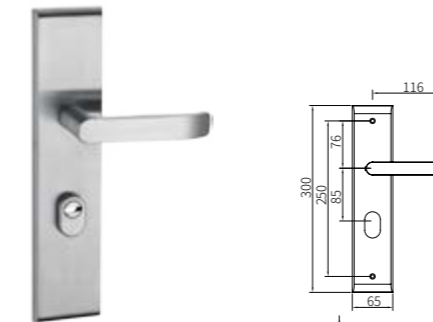


Stainless steel brushed+ Mirror SC

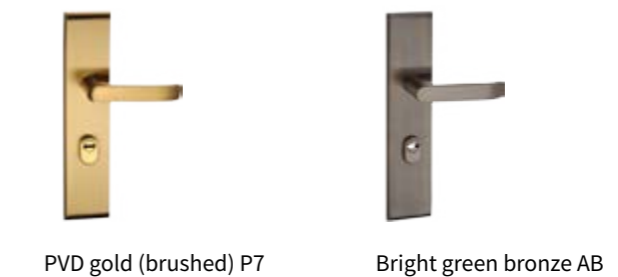
SFD1118F Anti-theft Door Lock (Fireproof lock)



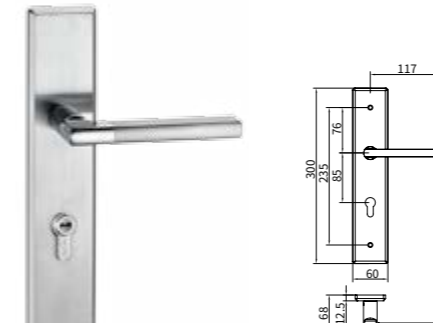
SFD11214F Anti-theft Door Lock (Fireproof lock)



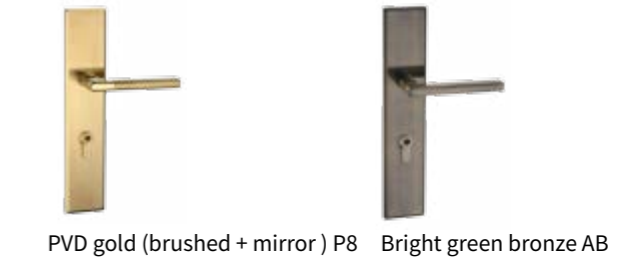
Stainless steel brushed SS



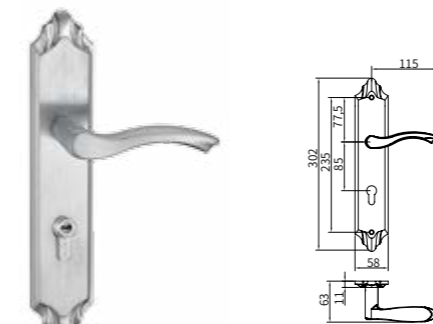
SFD15551F Anti-theft Door Lock (Fireproof lock)



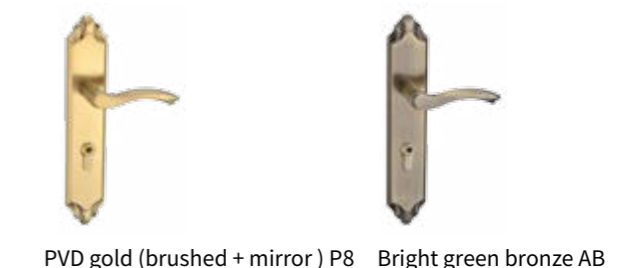
Stainless steel brushed+ Mirror SC



SFD10411F Anti-theft Door Lock (Fireproof lock)



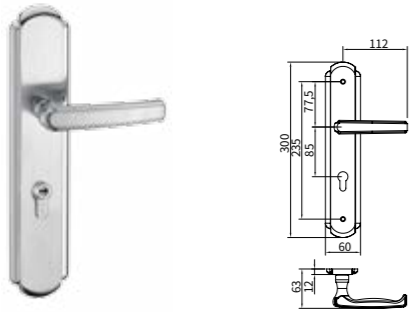
Stainless steel brushed+ Mirror SC



Anti-theft Door Lock - Stainless steel handle cladding (ST6085)

Anti-theft Door Lock - Stainless steel handle cladding (ST6085)

SFD10710

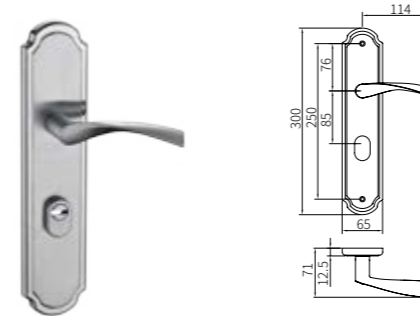


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Bright green bronze AB

SFD10916

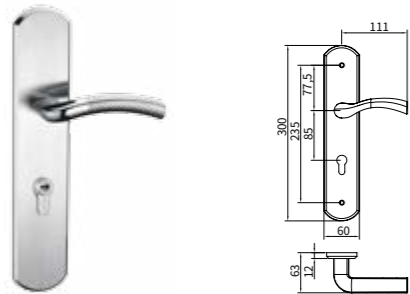
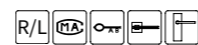


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Bright green bronze AB

SFD10213

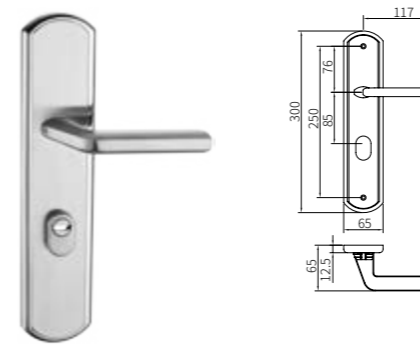


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Bright green bronze AB

SFD11017

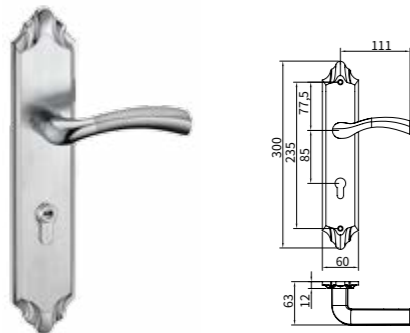


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Bright green bronze AB

SFD10413



Stainless steel brushed+ Mirror SC

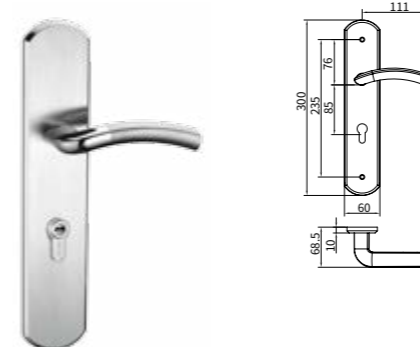


PVD gold (brushed + mirror) P8 Bright green bronze AB

FDS MLS0332F Anti-theft Door Lock (Fireproof lock)



With ST6085 anti-theft lock body
With SX-009 stainless steel lock cylinder

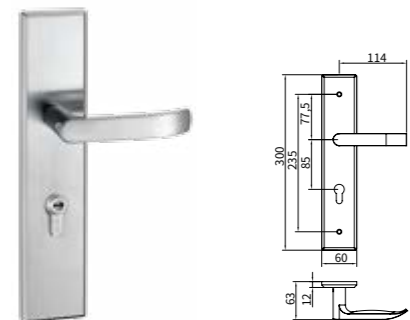
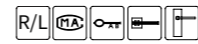


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Bright green bronze AB

SFD10814



Stainless steel brushed+ Mirror SC

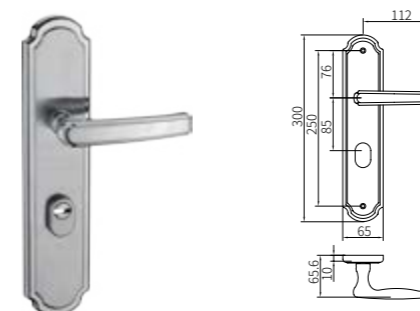


PVD gold (brushed + mirror) P8 Bright green bronze AB

FDS MLS11801 Anti-theft Door Lock (Fireproof lock)



With ST6085 anti-theft lock body
With SX-009 stainless steel lock cylinder



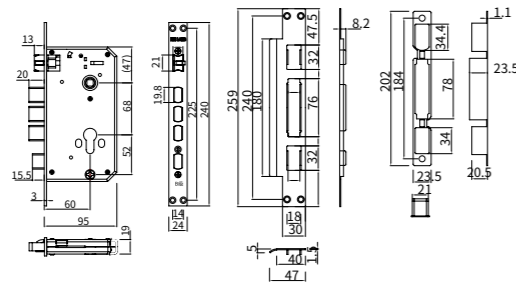
Stainless steel brushed+ Mirror SC

Anti-theft door lock series (ST6068)



ST6068 Anti-theft lock body

Passed the grade B test of GA / T73 - 2015 mechanical anti-theft lock
Applicable to steel or wood anti-theft door
Two sections of the lock tongue of the lock body extend out, and the inclined tongue can be reversed
With safety tongue, indoor knob control
Standard configured anti-theft lock cylinder, indoor and outdoor with the same key to open the square tongue and oblique tongue
It has the functions of reverse lifting, locking and quick escape
The safety tongue can only be opened through the indoor side knob

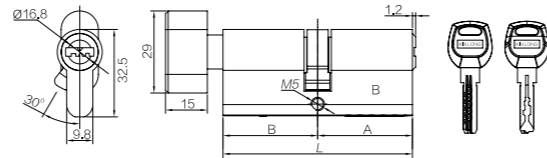


SX-006 Anti-theft lock cylinder

* Passed GA / T73- 2015 "Mechanical Anti-theft Lock" Class C Test
* Suitable for steel or wooden security door
* Flat slot type, ten marbles in two rows, 4 side beads with track groove, and anti-drilling pin
* Available with double-headed lock cylinder and single-headed lock cylinder with knob
* With architect key, A2 + B5

Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized



Function characteristics

Passed GA/T 73-2015 B level mechanical security lock test
Lock cylinder passed Class C Test
Suitable for steel or wooden anti-theft doors and entrance doors
Dead tongue can extend twice
With safety tongue, indoor knob control
Indoor and outdoor handles can be pressed to open the oblique tongue
With quick lock and quick unlock function
Equipped with flat slot type, ten marbles in two rows anti-theft lock cylinder, A2+B5 key
Distinguish left and right, distinguish between wooden doors and steel doors

Technical parameters

Door margin distance: 60mm
Hole center distance: 68mm
Central installation, applicable to door thickness range: 59-63 mm
Beyond this range or eccentric installation requires non-standard customization
steel doors, applicable to door thickness range: 44-63 mm
Square steel size: 8×8×L

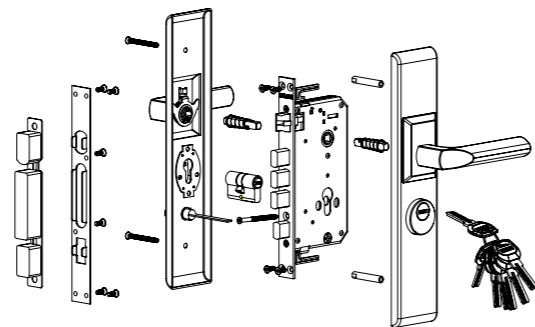
Material & Surface treatment

Handle: 304 stainless steel
Cladding: 304 stainless steel
Exposed mounting screws: stainless steel
Surface treatment: stainless steel brushed + mirror SC
Bright green bronze AB
Matte green bronze AK
PVD gold (brushed + mirror) P8

Precautions for customization and order

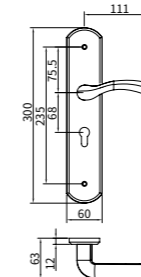
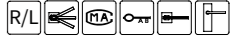
1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



Anti-theft Door Lock - Stainless steel handle cladding(ST6068)

SFD14913

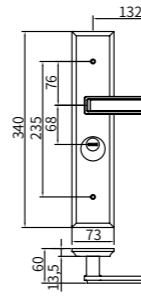


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Matte green bronze AK

SFD15652

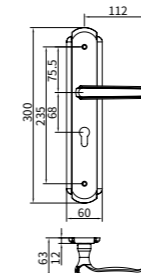
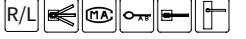


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Matte green bronze AK

SFD14810

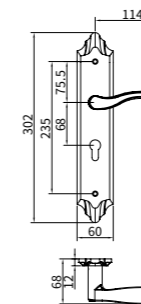


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Matte green bronze AK

SFD15011



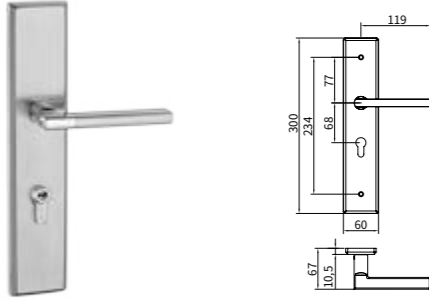
Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Matte green bronze AK

Anti-theft Door Lock - Stainless steel handle cladding(ST6068)

SFDS0207-68 Anti-theft Door Lock (Fireproof lock)

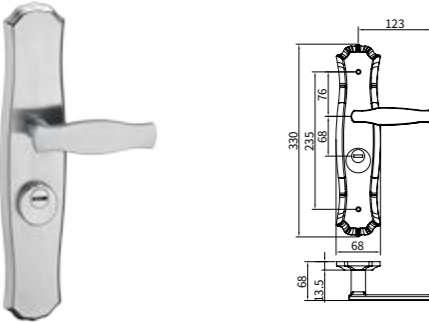


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Matte green bronze AK

SFD15753

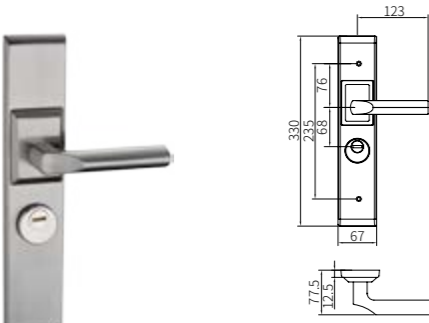
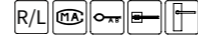


Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Matte green bronze AK

SFD16155



Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8 Matte green bronze AK

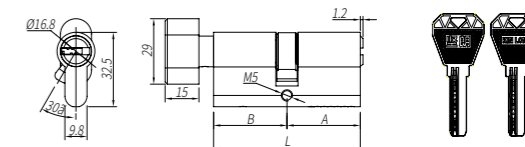
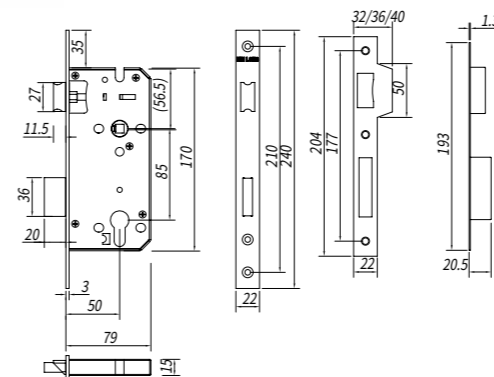
Entrance Door Lock Series



Entrance Door Lock Series (ST5085Z)

ST5085Z Lock body

Passed national standard GB 21556-2008
 Suitable for steel or wooden entrance door
 Solid anti-saw tongue, the direction of oblique tongue is adjustable
 Outside key can open square tongue and oblique tongue when closed
 Standard single row marble lock cylinder



SX-002 Lock Cylinder

* Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
 Suitable for steel or wooden doors
 * Single row flat slot 7 beads lock cylinder
 * Available with double side keys and one side key one side knob
 With 5 keys

Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized

Function characteristics

Passed national standard GB 21556-2008 Suitable for steel or wooden entrance door .
 With solid anti-saw tongue .
 Distinguish left and right.
 Outside keys can open both the square tongue and oblique tongue when closed.
 Single row flat slot 7 beads lock cylinder .
 Bathroom cylinder is optional according to the application.

Technical parameters

Door margin distance: 50mm
 Hole center distance: 85mm
 Central installation, applicable to door thickness range: 35-58mm
 Beyond this range or eccentric installation requires non-standard customization
 Square steel size: 8×8×L 8×8×L

Material & Surface treatment

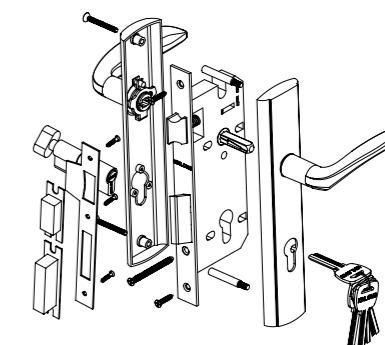
Handle: Zinc alloy
 Cladding: Zinc alloy
 Surface treatment: Brushed nickel + Bright nickel NC
 Bright green bronze AB
 Brushed gold + Bright gold SB+PB

 Handle: 304 Stainless steel
 Cladding: 304 Stainless steel
 Surface treatment: Stainless steel brushed+ Mirror SC
 Bright green bronze AB
 PVD gold (Brushed + Mirror) P8

Precautions for customization and order

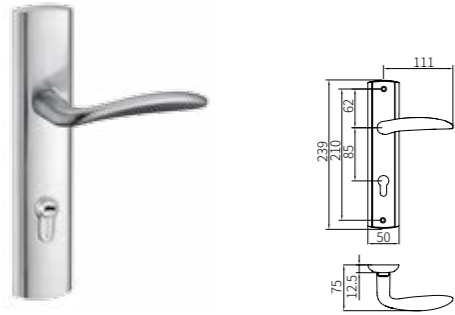
1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



Entrance Door Lock Series - Zinc alloy integral cladding (ST5085Z)

Entrance door lock

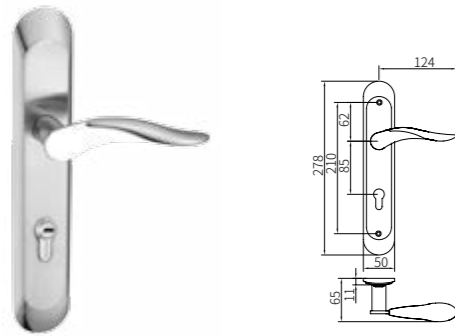


Brushed nickel + Bright nickel NC

SRH21525



Bright Green Bronze AB (customized color)

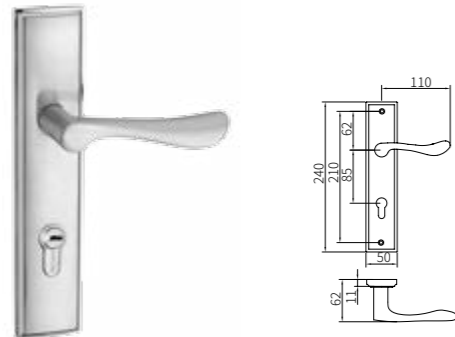


Brushed nickel + Bright nickel NC

SRH21626



Bright Green Bronze AB (customized color)

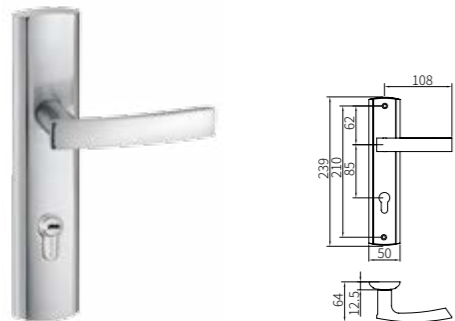


Brushed nickel + Bright nickel NC

SRH21727



Bright Green Bronze AB (customized color)



Brushed nickel + Bright nickel NC

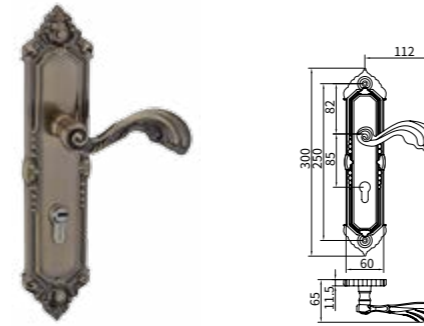
SRH21524



Bright Green Bronze AB (customized color)

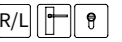
Entrance Door Lock Series - Zinc alloy integral cladding (ST5085Z)

Entrance door lock

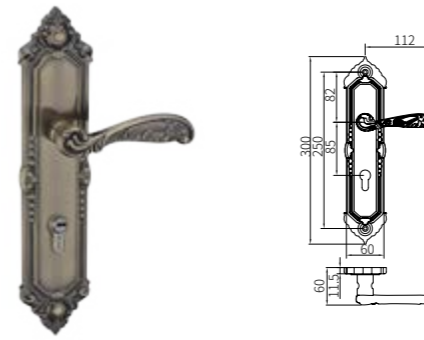


Bright Green Bronze AB (customized color)

SRH20521



Bright Green Bronze AB (customized color)

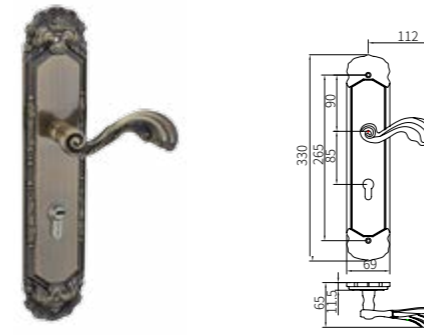


Bright Green Bronze AB (customized color)

SRH20522

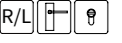


Bright Green Bronze AB (customized color)

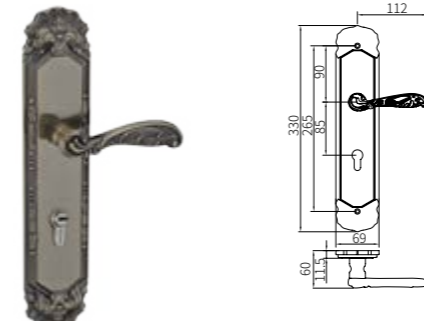


Bright Green Bronze AB (customized color)

SRH20621



Bright Green Bronze AB (customized color)



Bright Green Bronze AB (customized color)

SRH20622



Bright Green Bronze AB (customized color)

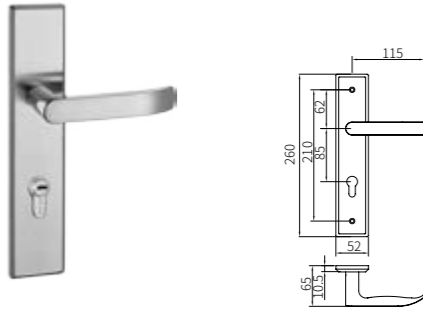
Entrance Door Lock Series - Stainless steel integral cladding (ST5085Z)

Entrance Door Lock Series - Stainless steel integral cladding (ST5085Z)

Entrance door lock

Entrance door lock

SRH10814



Stainless steel brushed+ Mirror SC

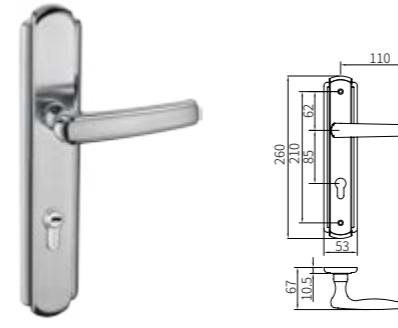


PVD gold (brushed + mirror) P8



Bright Green Bronze AB

SRH10710



Stainless steel brushed+ Mirror SC

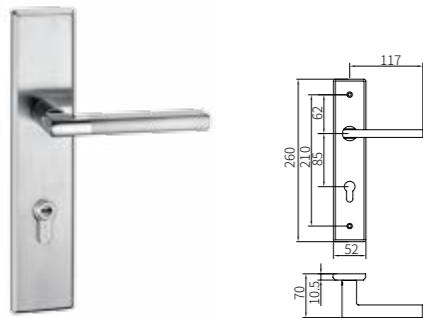


PVD gold (brushed + mirror) P8



Bright Green Bronze AB

SRH10815



Stainless steel brushed+ Mirror SC

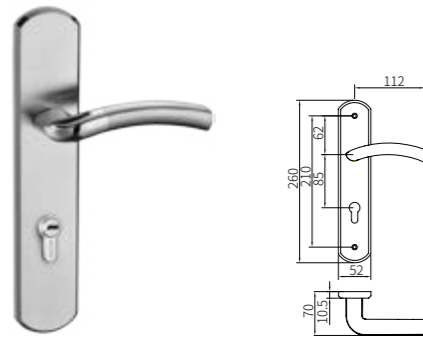


PVD gold (brushed + mirror) P8



Bright Green Bronze AB

SRH10212



Stainless steel brushed+ Mirror SC

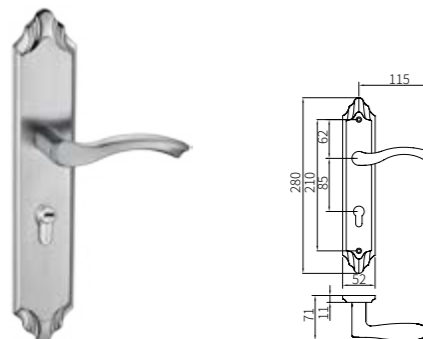


PVD gold (brushed + mirror) P8



Bright Green Bronze AB

SRH10411



Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8



Bright Green Bronze AB

Entrance Door Lock
Series - Split cover ring



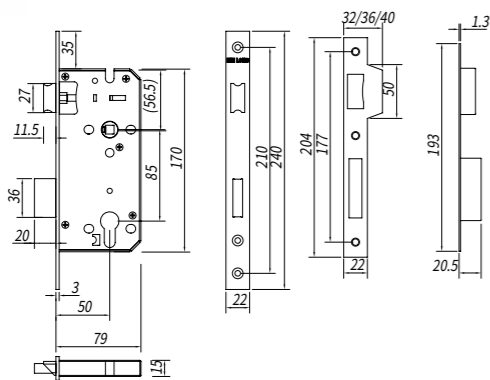
Entrance Door Lock Series (ST5085Z)

Entrance door lock



ST5085Z Lock body

Passed national standard GB 21556- 2008
Suitable for steel or wooden entrance door
Solid anti-saw tongue, the direction of oblique tongue is adjustable
Outside key can open square tongue and oblique tongue when closed
Standard single row marble lock cylinder

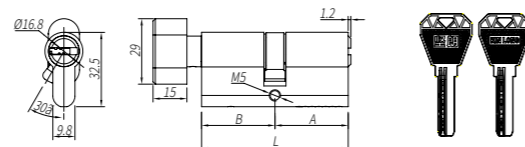


SX-002 Lock Cylinder

* Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
Suitable for steel or wooden doors
* Single row flat slot 7 beads lock cylinder
* Available with double side keys and one side key one side knob
With 5 keys

Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

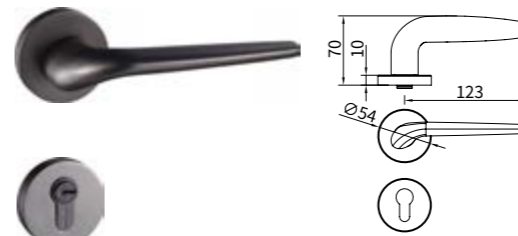
Other specifications can be customized



Entrance Door Lock Series - Zinc alloy split cover ring (ST5085Z)

Entrance door lock

SSN27470



Gun ash (wire drawing) Q7

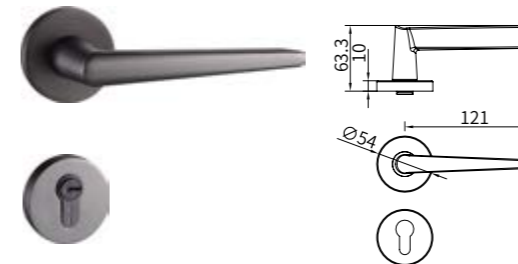


Matte black BN



K gold satin SG

SSN27469

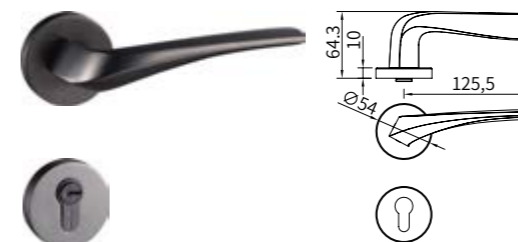


Gun ash (wire drawing) Q7



Matte black BN

SSN27471



Gun ash (wire drawing) Q7



Matte black BN

Function characteristics

Passed national standard GB 21556- 2008 Suitable for steel or wooden entrance door .
With solid anti-saw tongue .
Distinguish left and right.
Outside keys can open both the square tongue and oblique tongue when closed.
Single row flat slot 7 beads lock cylinder .
Bathroom cylinder is optional according to the application.

Technical parameters

Door margin distance: 50mm
Hole center distance: 85mm
Central installation, applicable to door thickness range: 35-58mm
Beyond this range or eccentric installation requires non-standard customization
Square steel size: 8×8×L 8×8×L

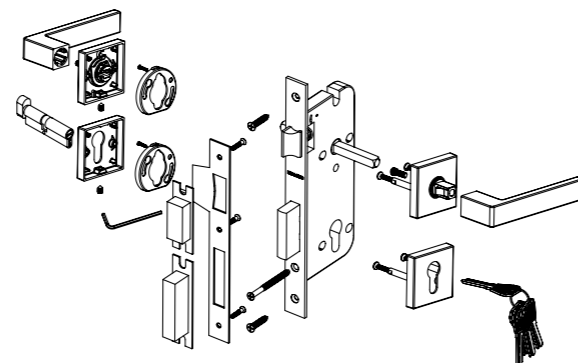
Material & Surface treatment

Handle: Zinc alloy
Cladding: Zinc alloy
Surface treatment: Brushed nickel + Bright nickel NC
Matte black BN
Gun ash (wire drawing) Q7
Handle: 304 Stainless steel
Cladding: 304 Stainless steel
Surface treatment: Stainless steel brushed+ Mirror SC
Bright green bronze AB
PVD gold (Brushed + Mirror) P8

Precautions for customization and order

1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



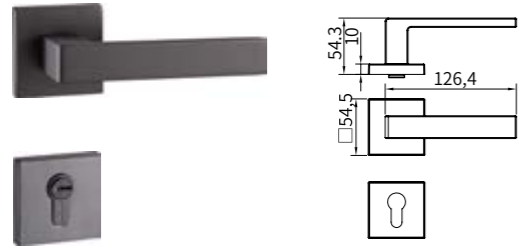
Entrance Door Lock Series - Zinc alloy split cover ring (ST5085Z)

Entrance Door Lock Series - Zinc alloy split cover ring (ST5085Z)

Entrance door lock

Entrance door lock

SSN27228

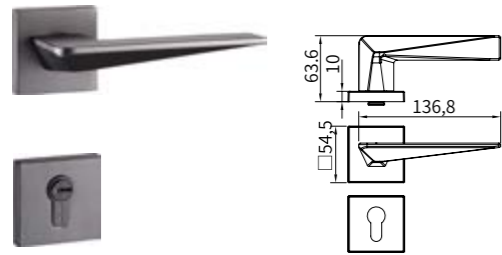


Gun ash (wire drawing) Q7



Matte black BN

SSN27266

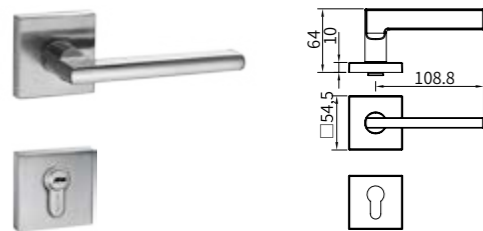


Gun ash (wire drawing) Q7



Matte black BN

SSN27215

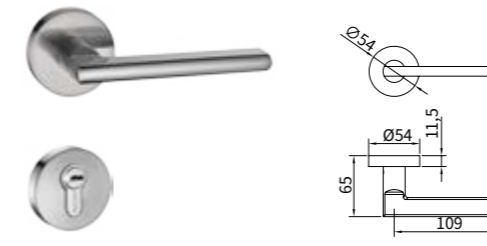


Brushed nickel + Bright nickel NC



Matte black BN

SSN25415

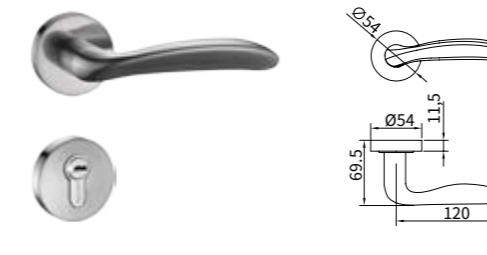


Brushed nickel + Bright nickel NC



Bright green bronze AB Matte black BN

SSN25425

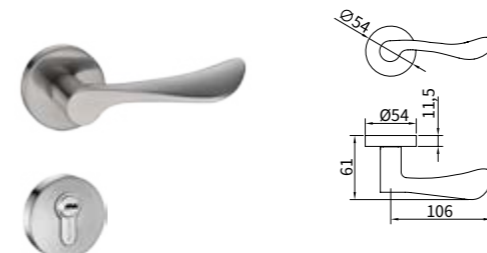


Nickel satin SN



Bright green bronze AB Matte black BN

SSN25427

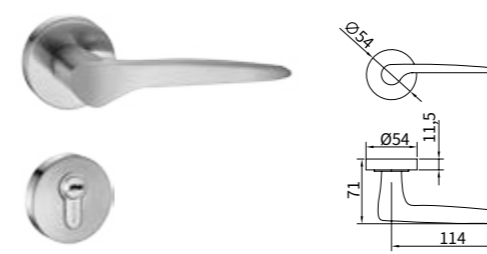


Brushed nickel + Bright nickel NC



Bright green bronze AB Matte black BN

SSN25432



Brushed nickel + Bright nickel NC

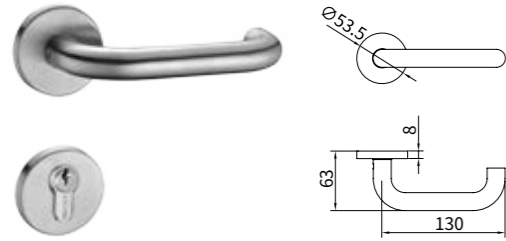


Bright green bronze AB Matte black BN

Entrance Door Lock Series - Stainless steel split cover ring (ST5085Z)

SSN12730F

Entrance Door Lock
(Fireproof lock)



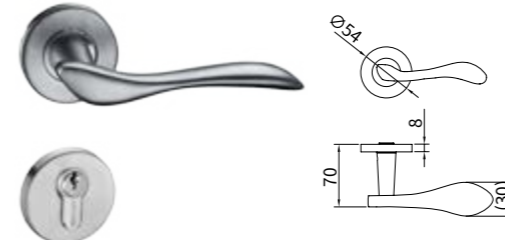
Stainless steel brushed SS

PVD brushed gold P7 (customized color) Matte green bronze AK (customized color)

Entrance Door Lock Series - Stainless steel split cover ring (ST5085Z)

SSN485F

Entrance Door Lock
(Fireproof lock)

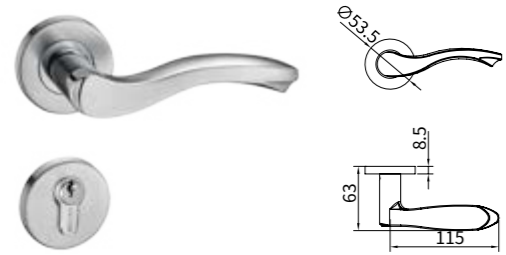


Stainless steel brushed SS

PVD brushed gold P7 Matte green bronze AK

SSN15811F

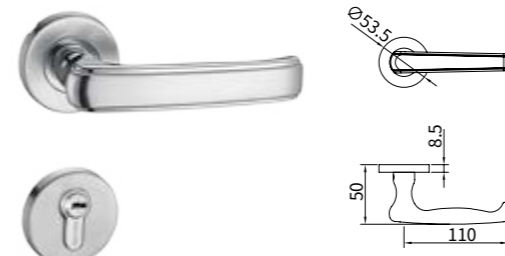
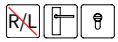
Entrance Door Lock
(Fireproof lock)



Stainless steel brushed+ Mirror SC

PVD gold (brushed + mirror) P8 Matte green bronze AK

SSN15810



Stainless steel brushed+ Mirror SC

PVD gold (brushed + mirror) P8 Matte green bronze AK

SSN15814F

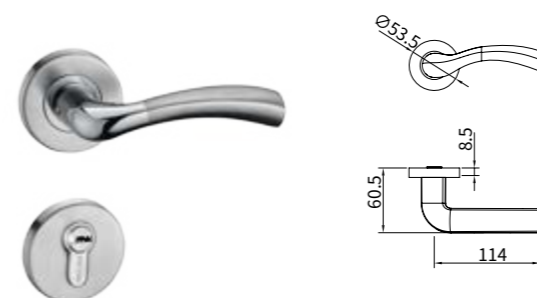
Entrance Door Lock
(Fireproof lock)



Stainless steel brushed+ Mirror SC

PVD gold (brushed + mirror) P8 Matte green bronze AK

SSN15813

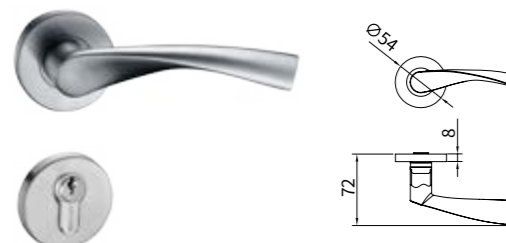


Stainless steel brushed+ Mirror SC

PVD gold (brushed + mirror) P8 Matte green bronze AK

SSN482F

Entrance Door Lock
(Fireproof lock)



Stainless steel brushed SS

PVD brushed gold P7 Matte green bronze AK

Entrance door lock

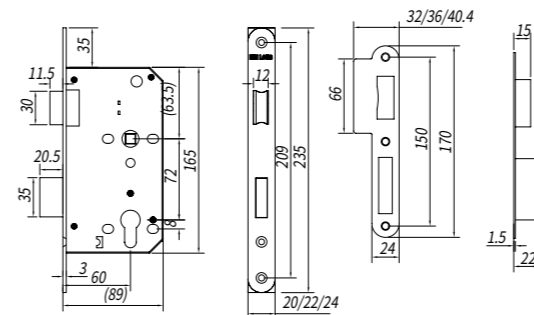
Interior Door Lock Series

Interior Door Lock Series - Zinc alloy split cover ring (ST6072)



ST6072 Lock body

Passed national standard GB 21556-2008
 Suitable for steel or wooden entrance doors or indoor doors, etc
 Solid anti-saw tongue, the direction of oblique tongue is adjustable
 Outside key can open square tongue and oblique tongue when closed
 Standard single row marble lock cylinder
 Sash fixed panel can be round or square, and the width can be 20/22 / 24mm



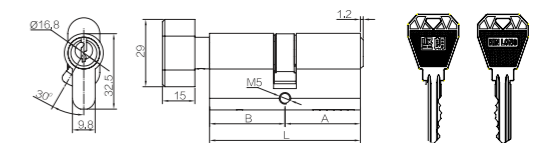
SX-003 Lock Cylinder

Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
 Suitable for steel or wooden doors
 Single row flat slot 6 beads lock cylinder
 Available with double side keys and one side key one side knob
 With 3 keys



Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized



Function characteristics

Passed national standard GB 21556-2008
 Suitable for steel or wooden entrance door
 With solid anti-saw tongue
 Distinguish left and right
 Outside keys can open both the square tongue and oblique tongue when closed
 Single row flat slot 6 beads lock cylinder
 Distinguish left and right
 The inner and outer connecting screws are not exposed and can be installed quickly
 Bathroom cylinder is optional according to the application

Technical parameters

Door margin distance: 60mm
 Hole center distance: 72mm
 Central installation, applicable to door thickness range: 35-56mm
 Beyond this range or eccentric installation requires non-standard customization
 Square steel size: 8×8×L 8×8×L

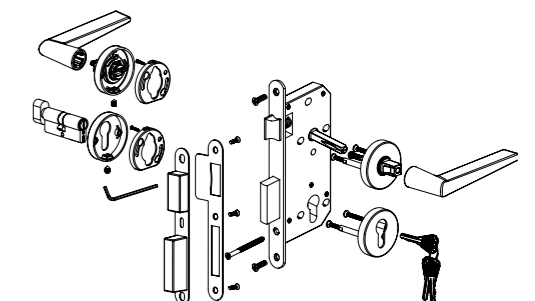
Material & Surface treatment

Handle: Zinc alloy
 Cladding: Zinc alloy
 Surface treatment: Brushed nickel + Bright nickel NC
 Bright green bronze AB
 Brushed gold + Bright gold SB+PB
 Handle: 304 Stainless steel
 Cladding: 304 Stainless steel
 Mounting screws: Stainless steel
 Surface treatment: Stainless steel brushed+ Mirror SC
 PVD brushed gold P7
 PVD gold (Brushed + Mirror) P8

Precautions for customization and order

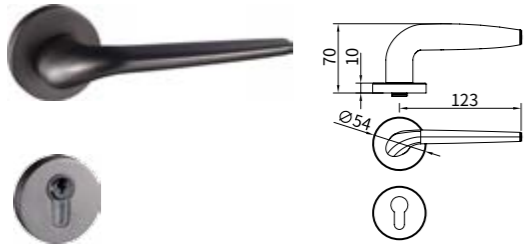
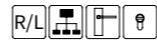
1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



Interior Door Lock Series - Zinc alloy split cover ring (ST6072)

SSN27470



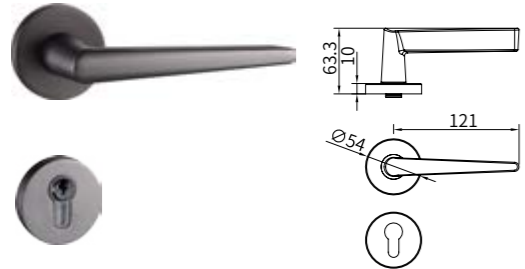
Gun ash (wire drawing) Q7



Matt blackBN

K gold satin SG

SSN27469

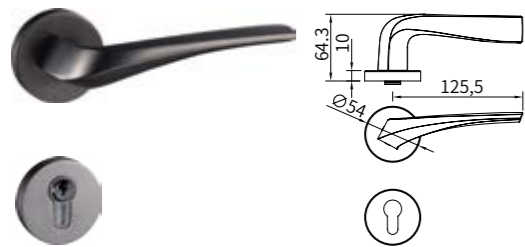


Gun ash (wire drawing) Q7



Matt blackBN

SSN27471



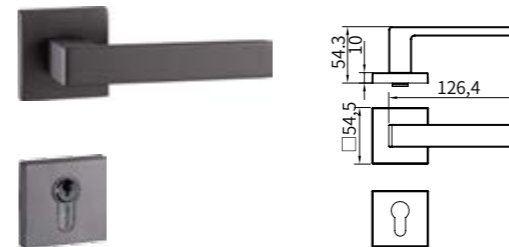
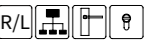
Gun ash (wire drawing) Q7



Matt blackBN

Interior Door Lock Series - Zinc alloy split cover ring (ST6072)

SSN27228

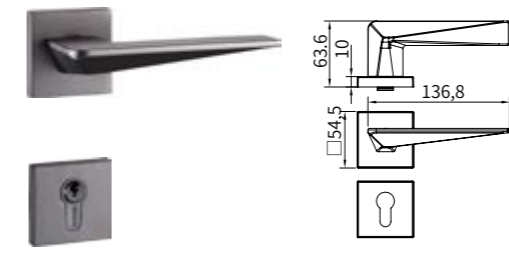


Gun ash (wire drawing) Q7



Matt blackBN

SSN27266

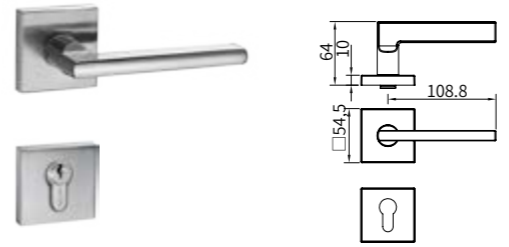
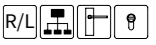


Gun ash (wire drawing) Q7



Matt blackBN

SSN27215



Brushed nickel + Bright nickel NC



Matt blackBN

Bright green bronze AB

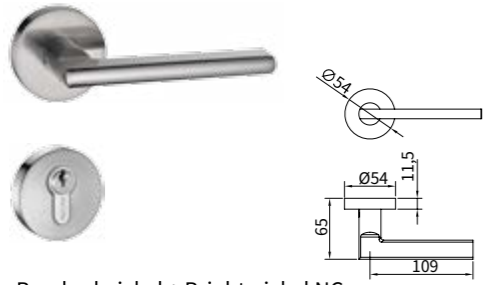
Interior door lock

Interior door lock

Interior Door Lock Series - Zinc alloy split cover ring (ST6072)

Interior door lock

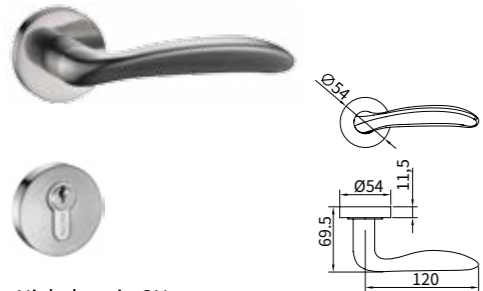
SSN25415



Brushed nickel + Bright nickel NC



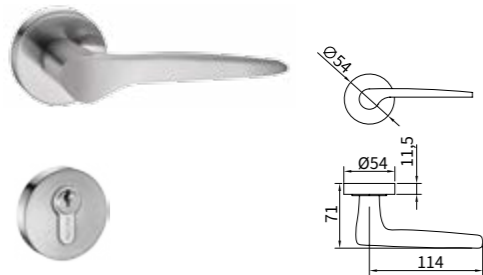
SSN25425



Nickel satin SN



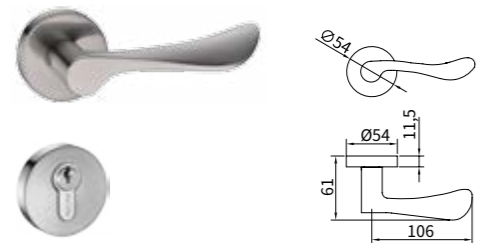
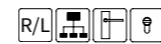
SSN25432



Brushed nickel + Bright nickel NC



SSN25427



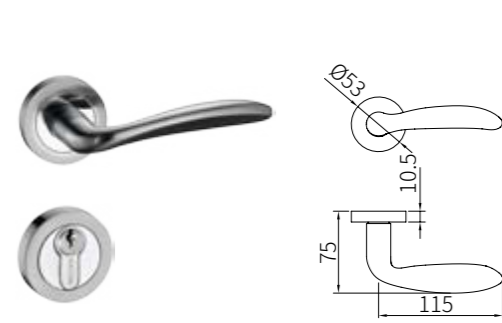
Brushed nickel + Bright nickel NC



Interior Door Lock Series -
-Integral cover ring



Interior Door Lock Series - Zinc alloy split cover ring (ST6072)



Brushed nickel + Bright nickel NC

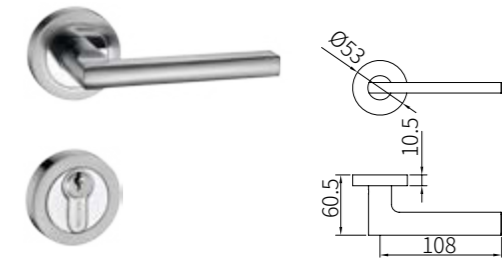
SSN26025



Bright green bronze AB

Matt black BN

SSN26015



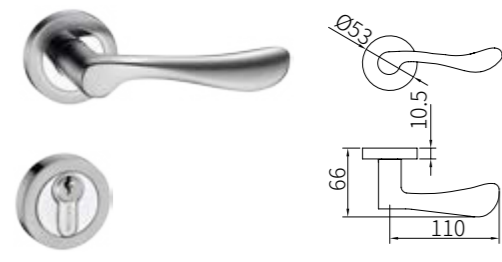
Brushed nickel + Bright nickel NC



Bright green bronze AB

Matt black BN

SSN26027



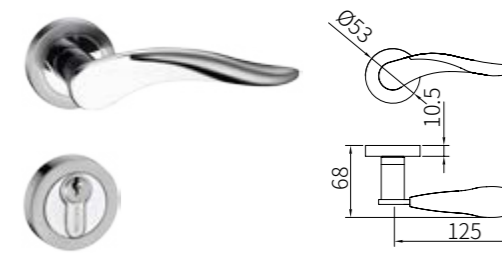
Brushed nickel + Bright nickel NC



Bright green bronze AB

Matt black BN

SSN26026



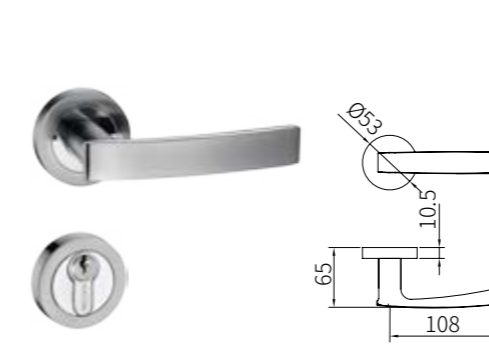
Brushed nickel + Bright nickel NC



Bright green bronze AB

Matt black BN

Interior Door Lock Series - Zinc alloy split cover ring (ST6072)



Brushed nickel + Bright nickel NC

SSN26057



Bright green bronze AB

Matt black BN

Interior door lock

Interior Door Lock Series - Zinc alloy split cover ring (ST6072)

SSN15815F Interior Door Lock (Fireproof lock)

Stainless steel brushed SS

PVD brushed gold P7 Matte green bronze AK Matt black BN

SSN335F Interior Door Lock (Fireproof lock)

Stainless steel brushed SS

PVD brushed gold P7 Matte green bronze AK

SSN336F Interior Door Lock (Fireproof lock)

Stainless steel brushed SS

PVD brushed gold P7 Matte green bronze AK

SSN15810

Stainless steel brushed+ Mirror SC

PVD gold (brushed + mirror) P8 Matte green bronze AK

Interior Door Lock Series - Zinc alloy split cover ring (ST6072)

SSN15813

Stainless steel brushed+ Mirror SC

PVD gold (brushed + mirror) P8 Matte green bronze AK

Interior door lock

Interior door lock

Interior Door Lock Series

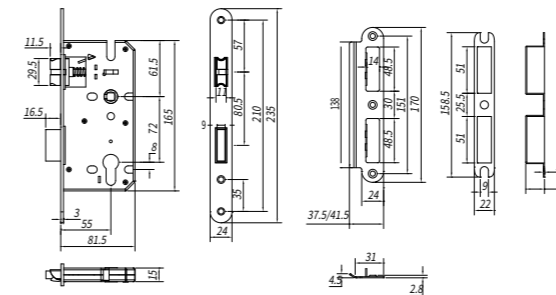


Interior Door Lock Series (ST5572J)



ST5572J lock body

Passed national standard GB 21556-2008
Suitable for steel or wooden entrance doors or indoor doors, etc
Solid anti-saw tongue, the direction of oblique tongue is adjustable
Outside key can open square tongue and oblique tongue when closed
Trident tongue, mute structure
Available with double side keys and one side key one side knob



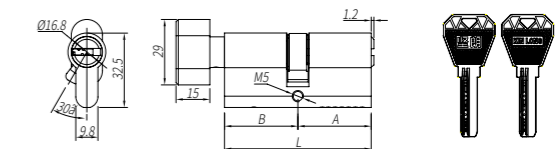
SX-002 Lock Cylinder

Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
Suitable for steel or wooden doors
Single row flat slot 7 beads lock cylinder
Available with double side keys and one side key one side knob
With 3 keys(or 5 keys)
SSN27672 equipped with SX-003 lock cylinder



Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized



Function characteristics

Passed national standard GB 21556-2008 Suitable for steel or wooden entrance door
Trident tongue, mute structure
Outside keys can open both the square tongue and oblique tongue when closed
Single row flat slot 7 beads lock cylinder
Distinguish left and right
Bathroom cylinder is optional according to the application

Technical parameters

Door margin distance: 55mm
Hole center distance: 72mm
Central installation, applicable to door thickness range: 41-53mm
Beyond this range or eccentric installation requires non-standard customization
Square steel size: 8×8×L

Material & Surface treatment

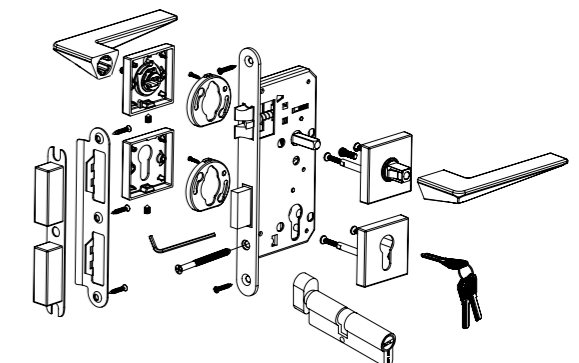
Handle: Zinc alloy
Cladding: Zinc alloy
Surface treatment: Brushed nickel + Bright nickel NC
Bright green bronze AB
Brushed gold + Bright gold SB+PB

Handle: 304 Stainless steel
Cladding: 304 Stainless steel
Surface treatment: Stainless steel brushed+ Mirror SC
PVD brushed gold P7
PVD gold (Brushed + Mirror) P8

Precautions for customization and order

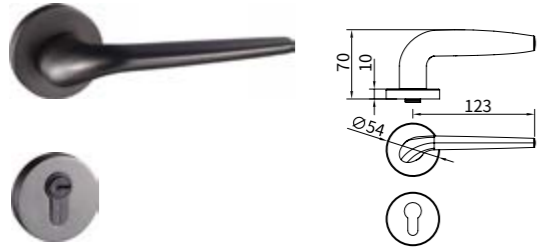
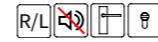
1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



Interior Door Lock Series - Zinc alloy split cover ring (ST5572J)

SSN27470



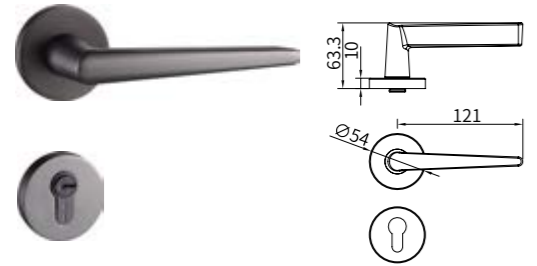
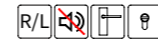
Gun ash (wire drawing) Q7



Matt blackBN

K gold satin SG

SSN27469

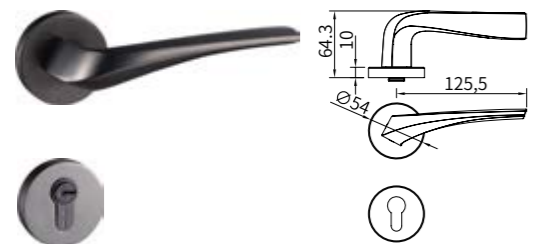
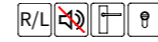


Gun ash (wire drawing) Q7



Matt blackBN

SSN27471

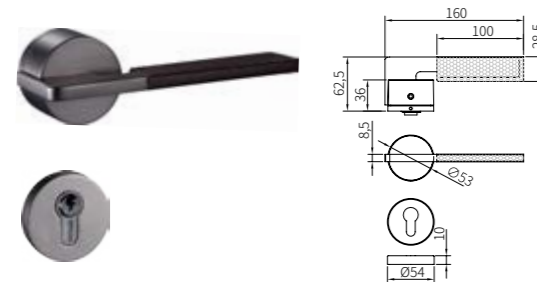


Gun ash (wire drawing) Q7



Matt blackBN

SSN27672 (Brown leather cover)



Gun ash (wire drawing) Q7

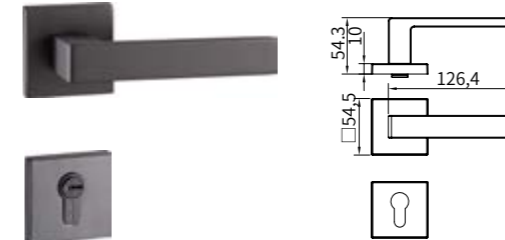


Matt blackBN

SX-003 lock cylinder

Interior Door Lock Series - Zinc alloy split cover ring (ST5572J)

SSN27228

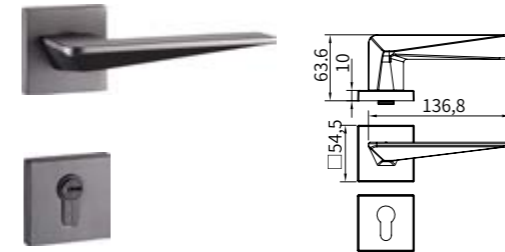


Gun ash (wire drawing) Q7



Matt blackBN

SSN27266

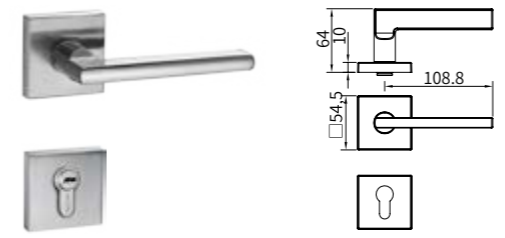
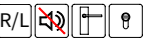


Gun ash (wire drawing) Q7



Matt blackBN

SSN27215



Brushed nickel + Bright nickel NC



Matt blackBN

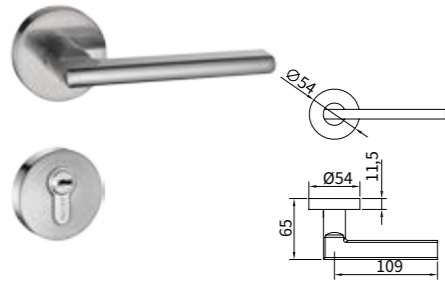
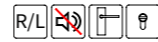
Bright green bronze AB

Interior door lock

Interior door lock

Interior Door Lock Series - Zinc alloy split cover ring (ST5572J)

SSN25415



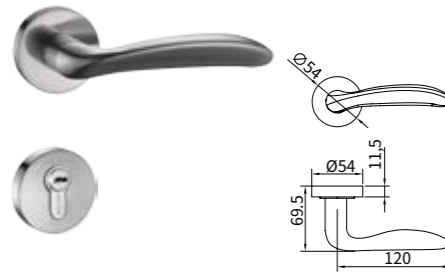
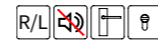
Brushed nickel + Bright nickel NC



Bright green bronze AB

Matt black BN

SSN25425



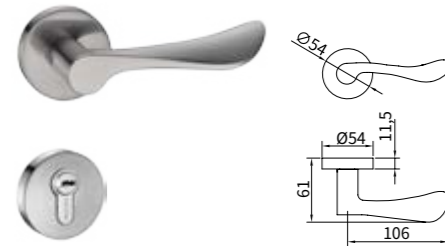
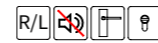
Nickel satin SN



Bright green bronze AB

Matt black BN

SSN25427



Brushed nickel + Bright nickel NC

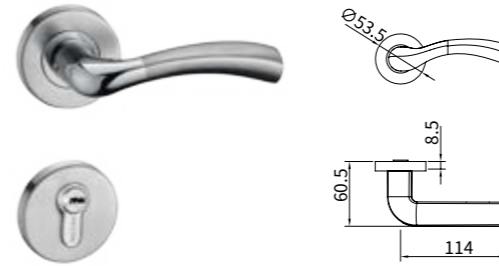


Bright green bronze AB

Matt black BN

Interior Door Lock Series - Stainless steel split cover ring (ST5572J)

SSN15813



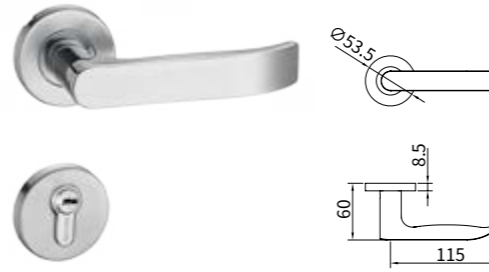
Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8

Matt black BN

SSN15814



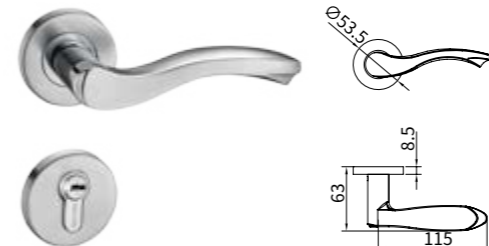
Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8

Matte green bronze AK

SSN15811



Stainless steel brushed+ Mirror SC



PVD gold (brushed + mirror) P8

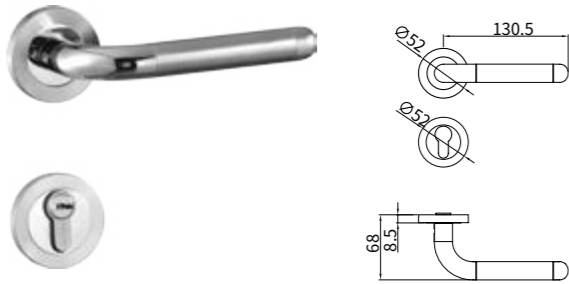
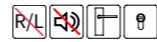
Matt black BN

Interior door lock

Interior door lock

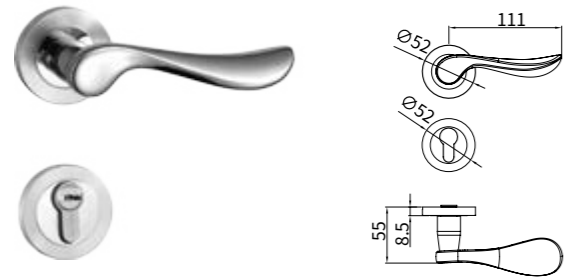
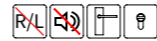
Interior Door Lock Series - Stainless steel split cover ring (ST5572J)

SSN17167



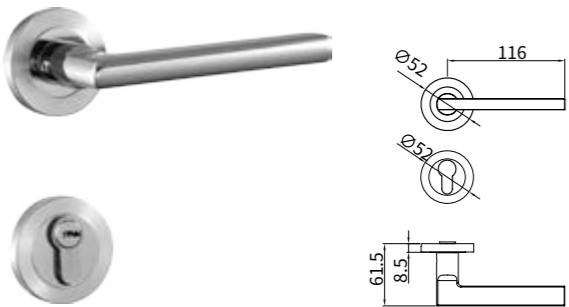
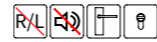
Stainless steel brushed+ Mirror SC

SSN17127



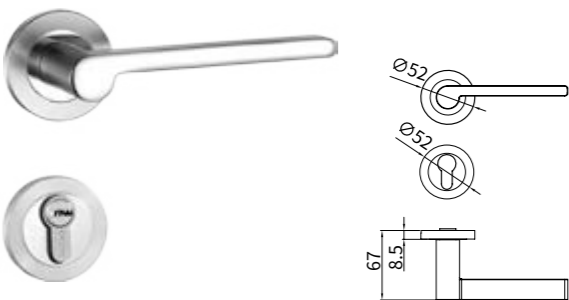
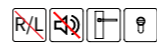
Stainless steel brushed+ Mirror SC

SSN17115



Stainless steel brushed+ Mirror SC

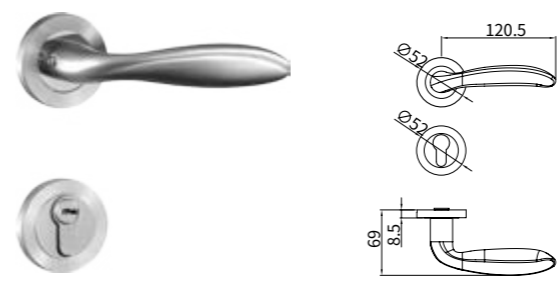
SSN17168



Stainless steel brushed+ Mirror SC

Interior Door Lock Series - Stainless steel split cover ring (ST5572J)

SSN17125



Stainless steel brushed+ Mirror SC

Interior door lock

Interior door lock

Indoor door lock series - false insert

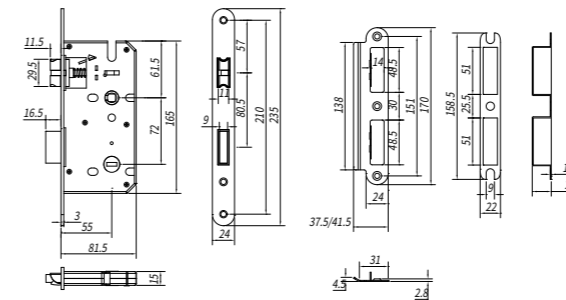


Interior Door Lock Series (ST5572JJ)



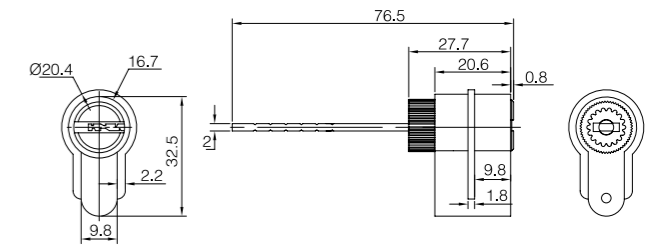
ST5572JJ Ferrule lock body

It has passed the national standard GB 21556-2008
 Applicable to steel or wood interior doors, etc
 Trigeminal oblique tongue, silent structure design
 When closed, the outer key only opens the square tongue
 Single row 6 pin lock cylinder with plane groove
 Exposed indoor side screws
 Distinguish between left and right
 Bathroom lock cylinder can be selected according to the application



SX-007 Lock Cylinder

Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
 Suitable for steel or wooden doors
 Single row flat slot 6 beads lock cylinder
 With drive bar
 Cut off drive bar according to door thickness, applicable door thickness 38-52mm
 With 3 keys



Function characteristics

Passed national standard GB 21556-2008
 Suitable for steel or wooden interior door
 Trident tongue, mute structure
 Outside keys can open both the square tongue and oblique tongue when closed
 Single row flat slot 6 beads lock cylinder
 Don't distinguish left and right
 Bathroom cylinder is optional according to the application

Technical parameters

Door margin distance: 55mm
 Hole center distance: 72mm
 Central installation, applicable to door thickness range: 41-53mm
 Beyond this range or eccentric installation requires non-standard customization
 Square steel size: 8×8×L

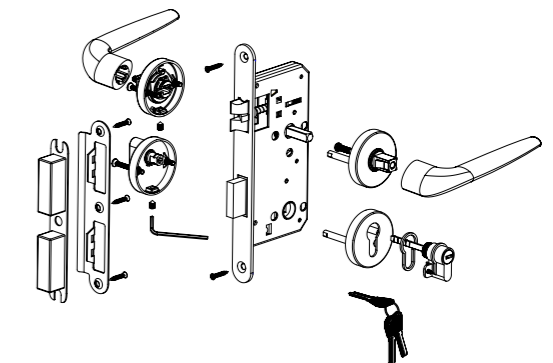
Material & Surface treatment

Handle: Zinc alloy
 Cladding: Zinc alloy
 Surface treatment: Brushed nickel + Bright nickel NC
 Bright green bronze AB
 Hairline gold + Bright gold SB+PB
 Handle: 304 Stainless steel
 Cladding: 304 Stainless steel
 Surface treatment: Stainless steel brushed+ Mirror SC
 PVD brushed gold P7
 PVD gold (Brushed + Mirror) P8
 PVD gold (Brushed + Mirror) P8

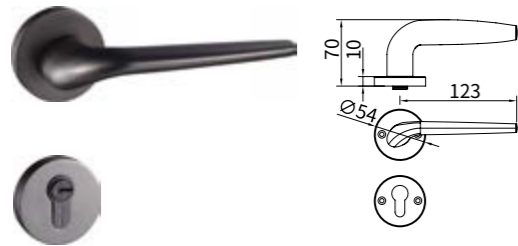
Precautions for customization and order

1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



Interior Door Lock Series - Zinc alloy split cover ring (ST5572JJ)

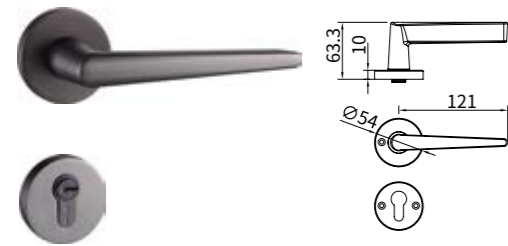


SSN27570J

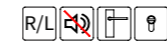


Gun ash (wire drawing) Q7

Matt blackBN

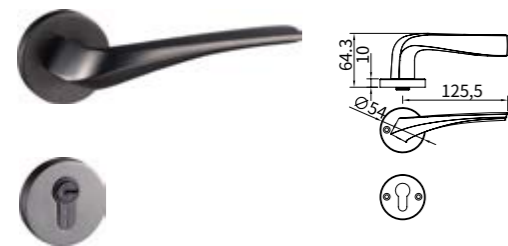


SSN27569J

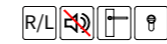


Gun ash (wire drawing) Q7

Matt blackBN

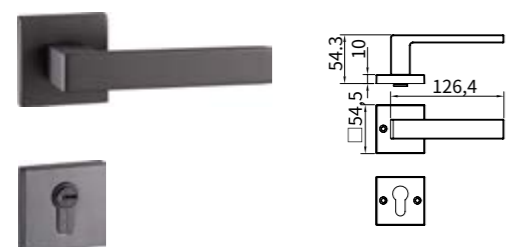


SSN27571J

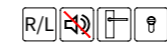


Gun ash (wire drawing) Q7

Matt blackBN



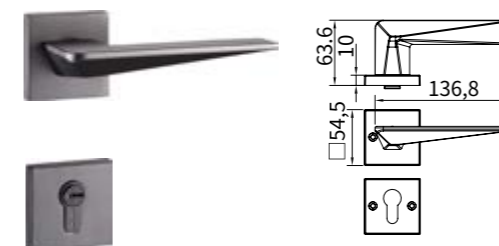
SSN27328J



Gun ash (wire drawing) Q7

Matt blackBN

Interior Door Lock Series - Zinc alloy split cover ring (ST5572JJ)

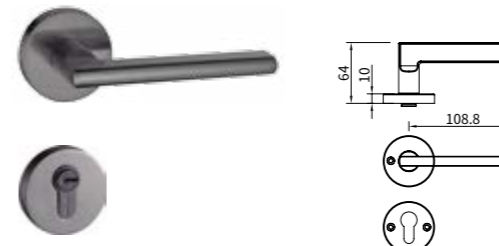


SSN27366J



Gun ash (wire drawing) Q7

Matt blackBN



SSN27515J

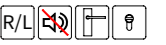


Gun ash (wire drawing) Q7

Matt blackBN

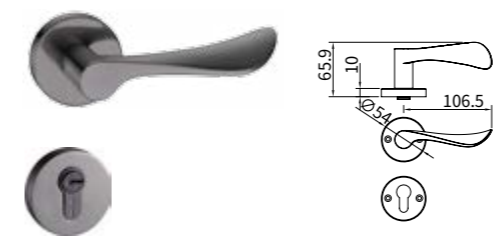


SSN27525J



Gun ash (wire drawing) Q7

Matt blackBN



SSN27527J



Gun ash (wire drawing) Q7

Matt blackBN

Interior door lock

Interior door lock

Interior Door Lock - Quick-mounting lock series

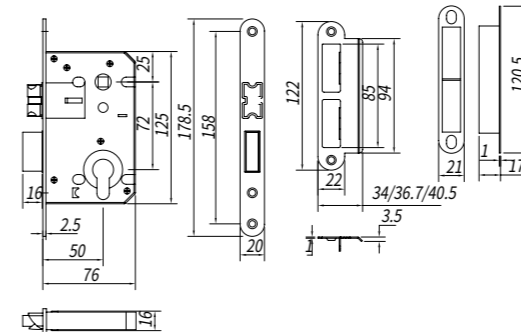


Interior Door Lock (Quick-mounting lock) Series (ST5072JY)



ST5072JY lock body

It has passed the national standard GB 21556-2008
 It is suitable for steel or wood interior of residence, office, hotel and so on Door, etc
 Silent trigeminal oblique tongue, which can be reversed
 Silent structure is adopted to ensure smooth opening and closing
 When closed, the outer key can open the square tongue
 Heavy spring lock body (optional light spring lock body)

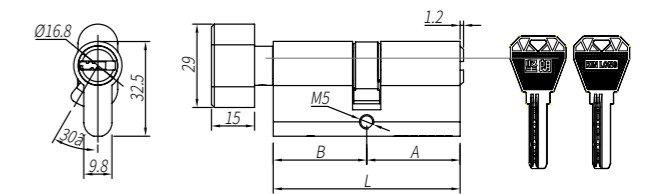


SX-002 Lock Cylinder

Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
 Suitable for steel or wooden doors
 Single row flat slot 7 beads lock cylinder
 With drive bar
 With 3 keys

Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized



Function characteristics

Passed national standard GB 21556-2008 Suitable for steel or wooden interior door
 Trident tongue, mute structure
 Outside keys can open the square tongue and oblique tongue is controlled by handle when closed
 Single row flat slot 7 beads lock cylinder
 Distinguish left and right
 Bathroom cylinder is optional according to the application

Technical parameters

Door margin distance: 50mm
 Hole center distance: 72mm
 Central installation, applicable to door thickness range: 37-57mm
 Beyond this range or eccentric installation requires non-standard customization
 Square steel size: 8×8×L

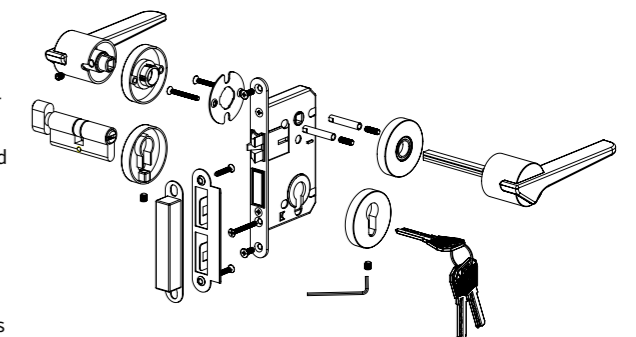
Material & Surface treatment

Handle: Zinc alloy
 Cladding: Zinc alloy
 Exposed mounting screws: stainless steel
 Surface treatment: Brushed nickel SN
 Matte green bronze AK
 Brushed gold SB
 Black + silver
 Silver + black


Precautions for customization and order

1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



Interior Door Lock Series - Ultra-thin cladding (ST5072JY)

SSZ20301 R/L     



Brushed nickel SN Matte green bronze AK

SSZ20309 R/L     





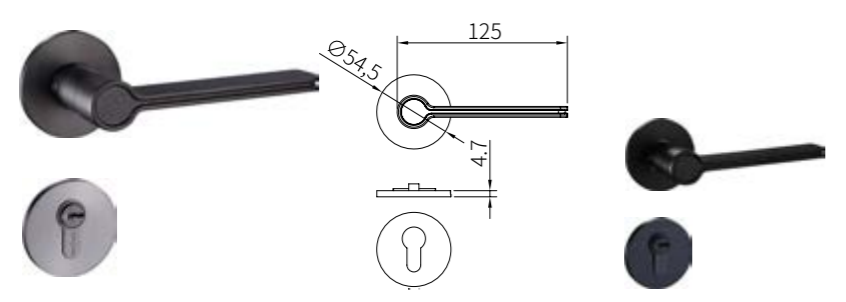
Gun ash (wire drawing) Q7 Matt blackBN

SSZ20310 R/L     



Gun ash (wire drawing) Q7 Matt blackBN

SSZ20311 R/L     



Gun ash (wire drawing) Q7 Matt blackBN

Interior Door Lock Series - Ultra-thin cladding (ST5072JY)

SSZ20106 R/L     



Black + silver Silver + black

SSZ20107 R/L     



Black + silver Silver + black

SSZ20108 R/L     



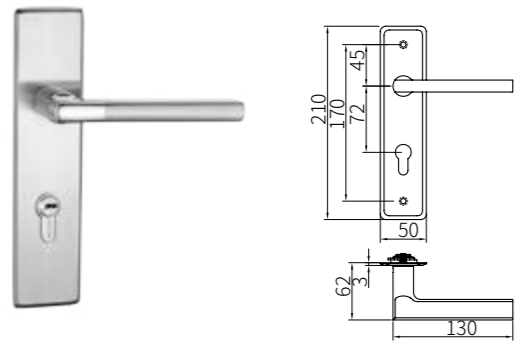
Black + silver Silver + black

Interior door lock

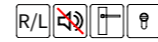
Interior door lock

Interior Door Lock Series - Ultra-thin cladding (ST5072JY)

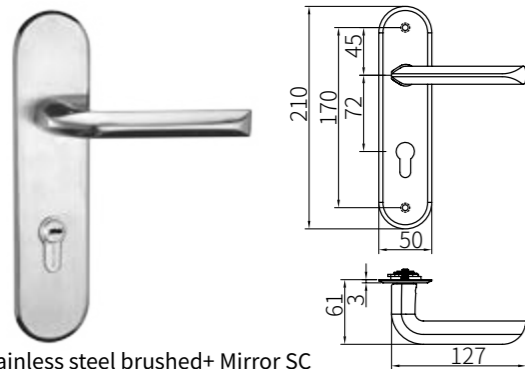
Interior door lock



SSN16715



Stainless steel brushed+ Mirror SC



SSN16861



Stainless steel brushed+ Mirror SC

Function characteristics

- Passed national standard GB 21556- 2008
- Suitable for steel or wooden interior door
- Trident tongue, mute structure
- Outside keys can open both the square tongue and oblique tongue when closed
- Single row flat slot 7 beads lock cylinder
- Distinguish left and right
- Bathroom cylinder is optional according to the application

Technical parameters

- Door margin distance: 50mm
- Hole center distance: 72mm
- Standard door thickness: 43-48mm (centered installation)
- Parts beyond the thickness of the door should be customized
- Square steel size: 8×8×L



Interior Door Lock Series
- Integral cladding



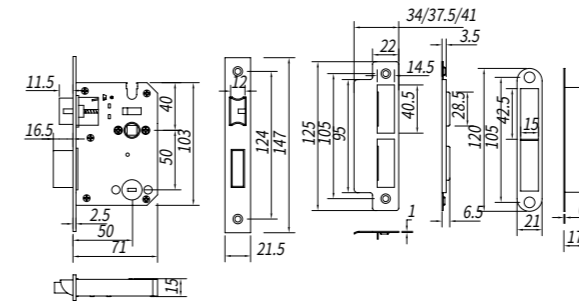


Interior Door Lock Series (ST5050J&ST0050A)

Option 1:

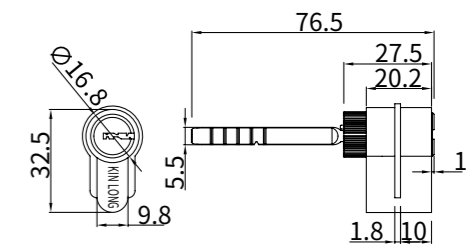
ST5050J Lock body

It has passed the national standard GB 21556-2008
 Applicable to indoor doors of residence, office, bedroom, hotel, etc
 Indoor and outdoor handle reverse lifting and locking (optional function)
 The oblique tongue is the silent lock tongue of the bearing, and the silent design of other structures
 Standard plane single row pin lock cylinder
 Oblique tongue reversible



SX-007 Lock Cylinder

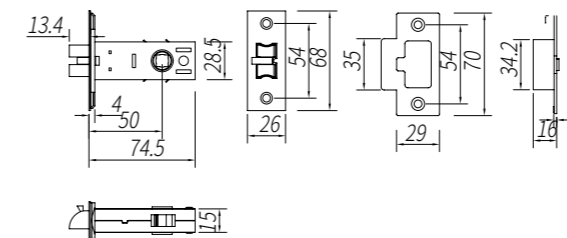
Complies with QB / T2474-2017
 "Ferrule Door Lock" standard requirements
 Suitable for steel or wooden doors
 Single row flat slot 6 beads lock cylinder
 With drive bar
 Cut off drive bar according to door thickness
 With 3 keys



Option 1:

ST0050A Lock body

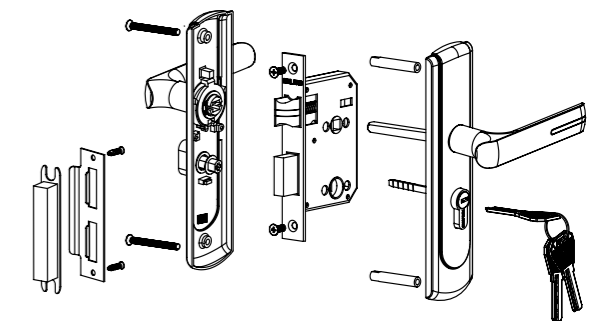
Passed national standard GB 21556- 2008
 Suitable for steel or wooden interior door such as residences, offices, hotels, etc
 The oblique tongue is a bearing mute lock tongue, and other structures are designed for silent
 Standard flat single row marble lock cylinder
 Oblique tongue is adjustable



Description:

When ST0050A lock body is selected, the cover plate has a push plate structure;
 The cover plate components of the two lock bodies cannot be used in common;
 If the handle is upright when shipped, you need to adjust the direction of the handle during installation;
The lock body is different, and the cladding is also different. The cladding and the lock body cannot be used mutually.

Exploded view



Interior door lock

Interior Door Lock Series (ST5050J&ST0050A)

Function characteristics

- Passed national standard GB 21556- 2008
- Suitable for steel or wooden interior door
- Handle with quick lock (adjustable)
- Outside keys can open the square tongue and oblique tongue is controlled by handle when closed
- Single row flat slot 6 beads lock cylinder
- Distinguish left and right
- Bathroom cylinder is optional according to the application

Technical parameters

- Door margin distance: 50mm
- Hole center distance: 50mm
- Standard door thickness: 40-48mm (centered installation)
- Parts beyond the thickness of the door should be customized
- Square steel size: 8×8×L

Material & Surface treatment

- Handle: Zinc alloy
- Cladding: Zinc alloy
- Surface treatment: Brushed nickel + Bright nickel NC
- Matte green bronze AK
- Brushed gold + Bright gold SB+PB
- Brushed gold SB
- Matt blackBN

- Handle: 304 Stainless steel
- Cladding: 304 Stainless steel
- Surface treatment: Stainless steel brushed+ Mirror SC
- Matte green bronze AK
- PVD gold (Brushed + Mirror) P8
- Matte red bronze CK
- Matt blackBN(except ST0050A)

Precautions for customization and order

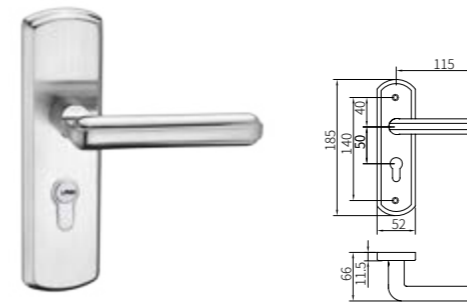
- The handle cover plates in the series can be matched with each other
- For surface treatment customization, please refer to the product page
- If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
- The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
- The external handle can be used for fixing, and the order can be placed on demand when ordering
- When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
- The size and shape of the lock panel can be customized
- Bathroom locks and fake locks, order on demand
- The configuration table and non-standard drawings need to provide signature files

- Description:
- When ST5050J is installed in the center, the applicable range of the lock plate is 40-48mm, If door thickness less than 40mm, lock plate needs to be cut short (non-standard customized)
 - If door thickness larger than 48mm, lock plate needs to be widened (non-standard custom)
 - When ST0050A is installed in the center, the applicable range of the lock plate is 40-48mm, If door thickness less than 40mm, lock plate needs to be cut short (non-standard customized)
 - If door thickness larger than 48mm, lock plate needs to be widened (non-standard custom)

Interior Door Lock Series (ST5050J&ST0050A)

SSN14245

Interior Door Lock



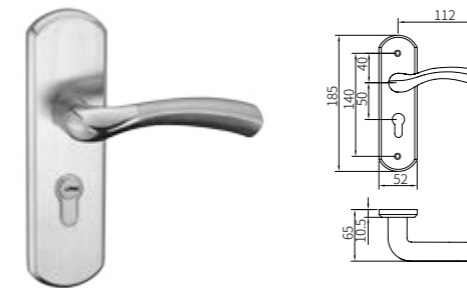
Stainless steel brushed+ Mirror SC



PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN

SSN10213

Interior Door Lock



Stainless steel brushed+ Mirror SC



PVD gold (Brushed + Mirror) P8 Matte green bronze AK

SSN10710

Interior Door Lock



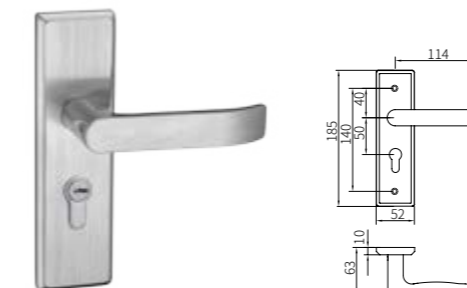
Stainless steel brushed+ Mirror SC



PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN

SSN10814

Interior Door Lock



Stainless steel brushed+ Mirror SC



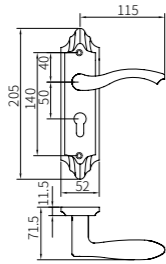
PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN

Interior door lock

Interior door lock

Interior Door Lock Series (ST5050J&ST0050A)

Interior door lock



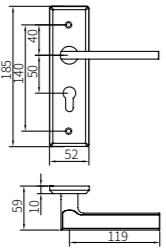
Stainless steel brushed+ Mirror SC

SSN10411

Interior Door Lock



PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN (ST5050J)



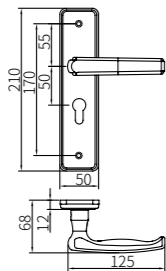
Stainless steel brushed+ Mirror SC

SSN10815

Interior Door Lock



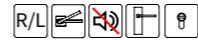
PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN (ST5050J)



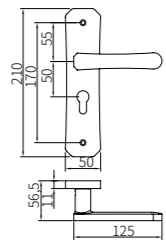
Stainless steel brushed+ Mirror SC

SSN16410

Interior Door Lock



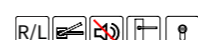
PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN (ST5050J)



Stainless steel brushed+ Mirror SC

SSN16660

Interior Door Lock



PVD gold (Brushed + Mirror) P8 Matte green bronze AK

Zinc Alloy Interior Door Lock Series

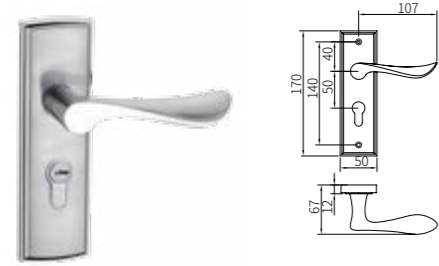


Interior Door Lock Series - Zinc alloy cladding (ST5050J, ST0050A)

Interior Door Lock Series - Zinc alloy cladding (ST5050J, ST0050A)

Interior door lock

Interior door lock

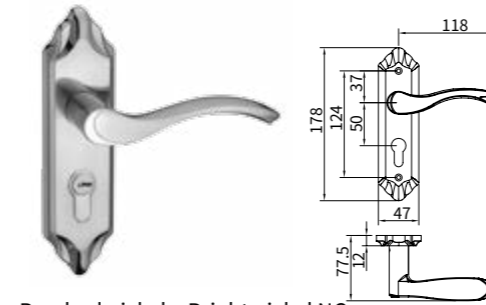


Brushed nickel + Bright nickel NC

SSN24750



Matte green bronze AK Matt black BN

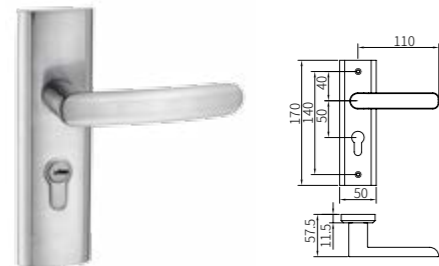


Brushed nickel + Bright nickel NC

SSN20411



Matte green bronze AK Matt black BN

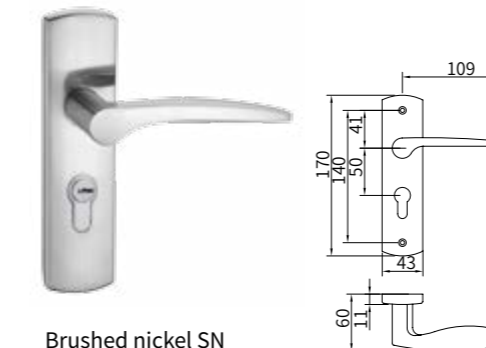


Brushed nickel + Bright nickel NC

SSN21535



Matte green bronze AK Matt black BN

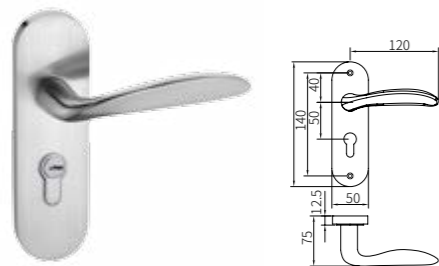


Brushed nickel SN

SSN24349



Matte green bronze AK Matt black BN

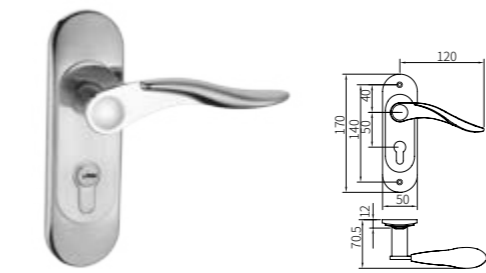


Brushed nickel SN

SSN21925



Matte green bronze AK Matt black BN

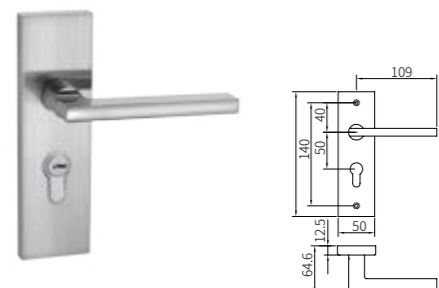


Brushed nickel + Bright nickel NC

SSN21626

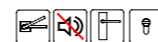


Matte green bronze AK Matt black BN

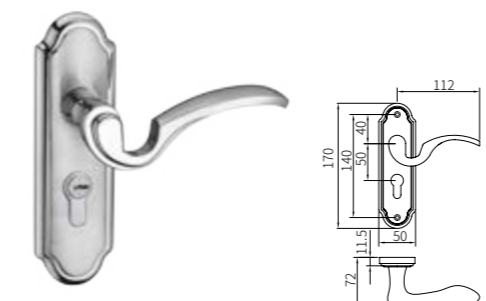


Brushed nickel SN

SSN21315

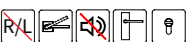


Matte green bronze AK Matt black BN Black bronze rubbing edge B5



Brushed nickel + Bright nickel NC

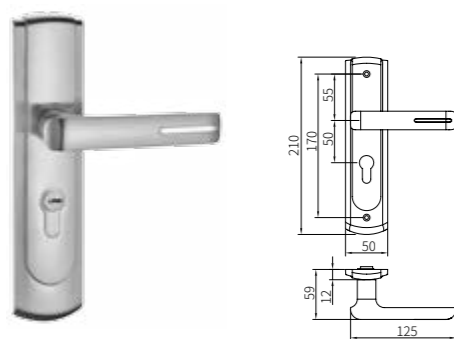
SSN20923



Matte green bronze AK Matt black BN

Interior Door Lock Series - Zinc alloy cladding (ST5050J, ST0050A)

Interior door lock



Brushed nickel + Bright nickel NC

SSN26559



Matte green bronze AK Matt black BN



Matte green bronze AK

SSN23422

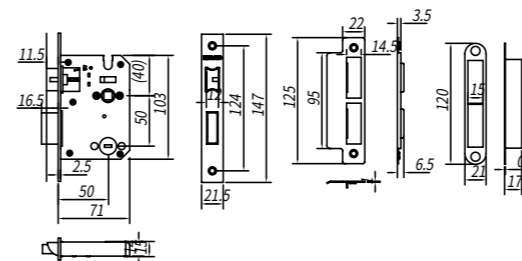


Equipped with ST5050J lock body
SX-007 lock cylinder

Refuge Room Interior Door Lock (ST5050F)

ST5050F Fireproof Lock Body

Passed national standard GB 12955- 2008
Suitable for steel or wooden interior door such as residences, offices, hotels, etc
Handle with quick lock (adjustable)
Lock tongue stainless steel, other parts high-quality steel
Standard flat single row marble lock cylinder
Oblique tongue is adjustable

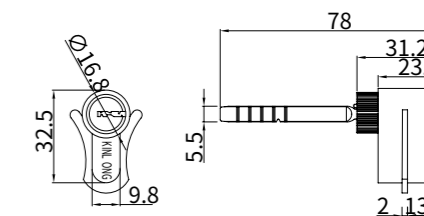
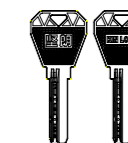


Description:

When ST5050F is installed in the center, the applicable range of the lock plate is 40-48mm,
If door thickness less than 40mm, lock plate needs to be cut short (non-standard customized)
If door thickness less than 40mm, lock plate needs to be widened (non-standard custom)

SX-007 Lock Cylinder

Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
Suitable for steel or wooden doors
Single row flat slot 6 beads lock cylinder
Brass material
With drive bar
Cut off drive bar according to door thickness, applicable door thickness 38-52mm
With 3 keys



避难间防火锁

Function characteristics

Passed national standard GB 21556- 2008
Suitable for fire doors of steel or wooden refuge rooms, etc.
Handle with quick lock (adjustable)
Outside keys can open the square tongue and oblique tongue is controlled by handle when closed
Single row flat slot 6 beads lock cylinder
Distinguish left and right
Bathroom cylinder is optional according to the application

Technical parameters

Door margin distance: 50mm
Hole center distance: 50mm
Central installation, applicable to door thickness range: 40-48mm
Beyond this range or eccentric installation requires non-standard customization
Square steel size: 8×8×L

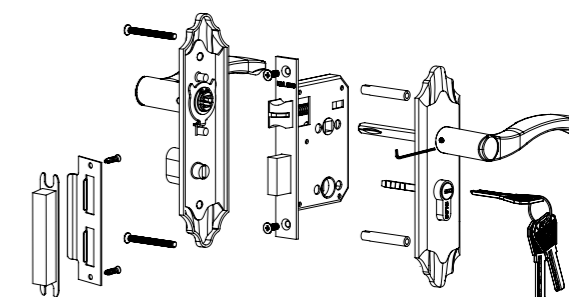
Material & Surface treatment

Handle: 304 Stainless steel
Cladding: 304 Stainless steel
Surface treatment: Stainless steel brushed+ Mirror SC
Matte green bronze AK
PVD gold (Brushed + Mirror) P8

Precautions for customization and order

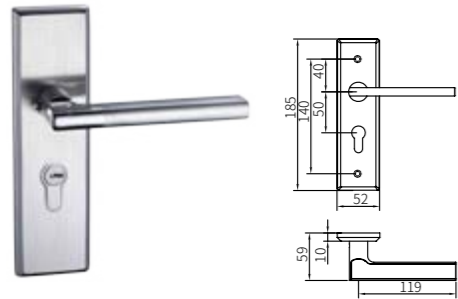
1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Exploded view



Refuge Room Interior Door Lock Series - Stainless steel cladding (ST5050F)

Refuge Room Interior door lock

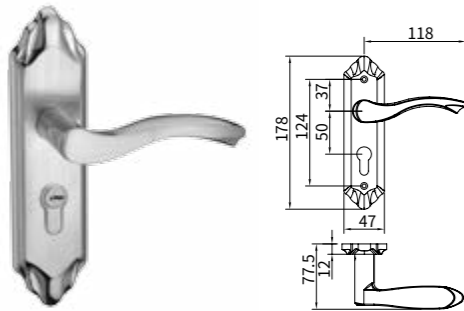


Stainless steel brushed+ Mirror SC

SSN10815F Refuge Room Interior Door Lock



PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN

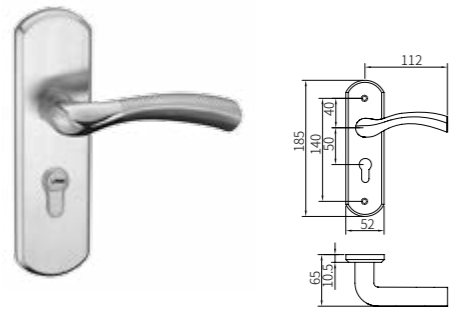


Stainless steel brushed+ Mirror SC

SSN10411F Refuge Room Interior Door Lock



PVD gold (Brushed + Mirror) P8 Matte green bronze AK

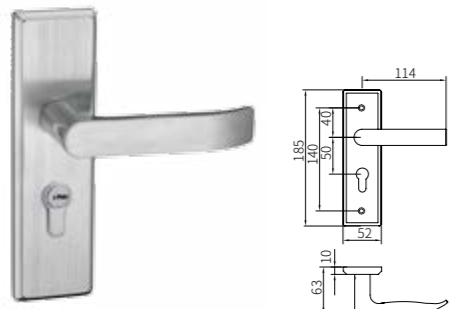


Stainless steel brushed+ Mirror SC

SSN10213F Refuge Room Interior Door Lock



PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN



Stainless steel brushed+ Mirror SC

SSN10814F Refuge Room Interior Door Lock



PVD gold (Brushed + Mirror) P8 Matte green bronze AK Matt blackBN

Bathroom Door Lock Series



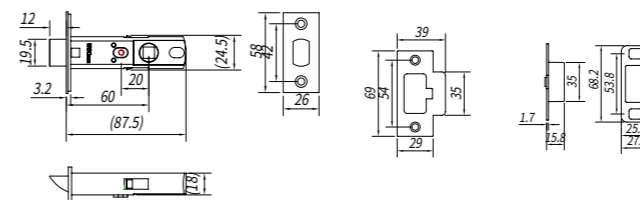


Bathroom Door Lock Series



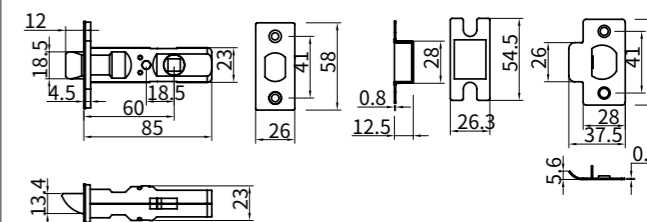
STW-ST0060A Bathroom Lock Body

Passed the national standard GB 21556-2008 test
 Suitable for bathroom door, etc
 Don't distinction left and right,distinguishing inside and outside, oblique tongue is adjustable
 Suitable for stainless steel handle cover ring series, SWY15811,SWY15813, SWY15814



STW-ST0060B Bathroom Lock Body

Passed the national standard GB 21556-2008 test
 Suitable for bathroom door, etc
 Don't distinction left and right,distinguishing inside and outside, oblique tongue is adjustable
 Suitable for zinc alloy handle cover ring series,SWY25215B, SWY25225B, SWY25226B, SWY25227B



Bathroom
door lock

Function characteristics

Passed the national standard GB 21556-2008 test
 Suitable for bathroom doors, toilets, kitchen doors, etc.
 Single oblique tongue door lock don't distinguish left and right, distinguishing inside and outside
 The room is locked by a safety pin
 Emergency opening is possible outdoors (press the pin into the hole)

Technical parameters

Door margin distance: 60mm
 Standard door thickness: 35-48mm (centered installation)
 Parts beyond the thickness of the door should be customized
 Square steel size: 8×8×L

Material & Surface treatment

Handle: Zinc alloy
 Cladding: Zinc alloy
 Surface treatment:Brushed nickel + Bright nickel NC
 Bright green bronze AB
 Hairline gold + Bright gold SB+PB

 Handle: 304 Stainless steel
 Cladding: 304 Stainless steel
 Surface treatment:Stainless steel brushed+ Mirror SC
 Bright green bronze AB
 PVD gold (Brushed + Mirror) P8

Precautions for customization and order

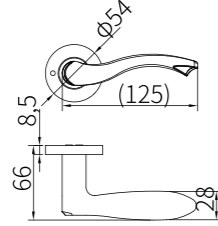
1. For surface treatment customization, please refer to the product page
2. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
3. The square steel length and non-standard lock plate need to be customized for the non-flat door
4. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
5. The size and shape of the lock panel can be customized
6. The configuration table and non-standard drawings need to provide signature files

Description:

When STW-ST0060A and STW-ST0060B is installed in the center, the applicable range of the lock plate is 35-48mm, If door thickness less than 35mm, lock plate needs to be cut short (non-standard customized)
 If door thickness larger than 48mm, can not use this series lock

Bathroom Lock Series - Stainless steel handle cover ring (STW-ST0060A)

SWY15811

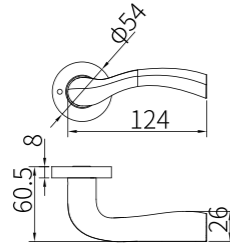


Stainless steel brushed+ Mirror SC

Matte green bronze AK

Matt black BN

SWY15813

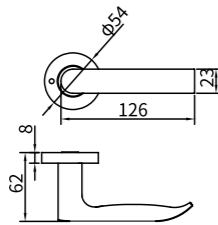


Stainless steel brushed+ Mirror SC

Matte green bronze AK

Matt black BN

SWY15814



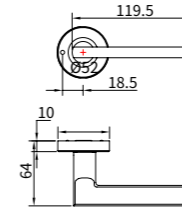
Stainless steel brushed+ Mirror SC

Matte green bronze AK

Matt black BN

Bathroom Lock Series - Zinc alloy handle cover ring (STW-ST0060B)

SWY25215B

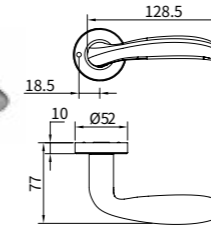


Brushed nickel + Bright nickel NC

Bright green bronze AB

Matt blackBN

SWY25225B

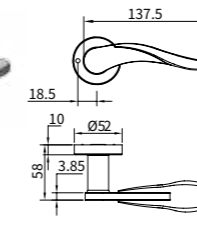


Brushed nickel + Bright nickel NC

Bright green bronze AB

Matt blackBN

SWY25226B

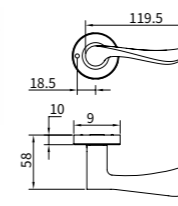


Brushed nickel + Bright nickel NC

Bright green bronze AB

Matt blackBN

SWY25227B



Brushed nickel + Bright nickel NC

Bright green bronze AB

Matt blackBN

American Standard Door
Lock Series

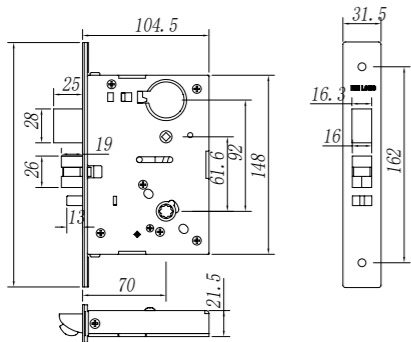


American Standard Door Lock Series (ST7092A)

ST7092A American standard lock body



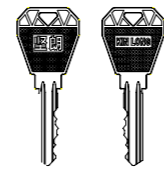
Comply with American ANSI/BHMA A156.13 Grade 1 standard
Used in commercial construction, etc.
8 lock bodies with different functions can be chosen for different places
1 million times of opening life, sturdy and durable, the oblique tongue is adjustable
The function switch button can easily switch the function of door lock and passage lock
The safety tongue can prevent the oblique tongue from being inserted
Equipped with s slot single row 6 ball marble lock cylinder



SX-008 American standard lock cylinder



Meet the standard ANSI/BHMA A156.13 Grade 1 Level 1 standard requirements
Suitable for steel or wooden doors
S slot single row 6 beads, 3 keys
Cut off the drive strip according to the door thickness, suitable for door thickness 38- 52mm
3 keys



Total length L	Total length L
29	41
32	44.5
35	
38	



Function characteristics

Comply with American ANSI/BHMA A156.13 Grade 1 standard
Passed ANSI certification, passed UL certification
Suitable for steel or wooden entrance doors, villa doors, etc.
8 lock bodies with different functions to choose from, suitable for different places
1 million times of opening life, sturdy and durable, the oblique tongue is adjustable
The function switch button can easily switch the function of door lock and channel lock
The safety tongue can prevent the oblique tongue from being inserted
Equipped with s slot single row 6 ball marble lock cylinder

Technical parameters

Door margin distance: 70mm
Hole center distance: 92mm
Applicable door thickness: above 38mm (centered installation)
Parts beyond the thickness of the door should be customized
Square steel size: 8×8×L

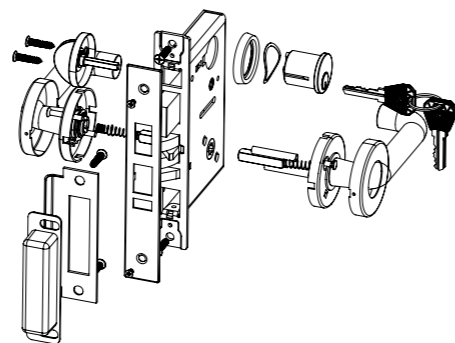
Material & Surface treatment

Handle: 304 Stainless steel
Cladding: 304 Stainless steel
Mounting screws: Stainless steel
Surface treatment: Stainless steel brushed SS

Precautions for customization and order

1. The handle cover plate in the series can be matched with lock bodies with different functions
2. All American standard locks need to inquire price
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The complete model requires a lock body, such as ST7092A1-SMB10213
5. The accessories of American standard lock cannot be matched with other series of products
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The configuration table and non-standard drawings need to provide signature files

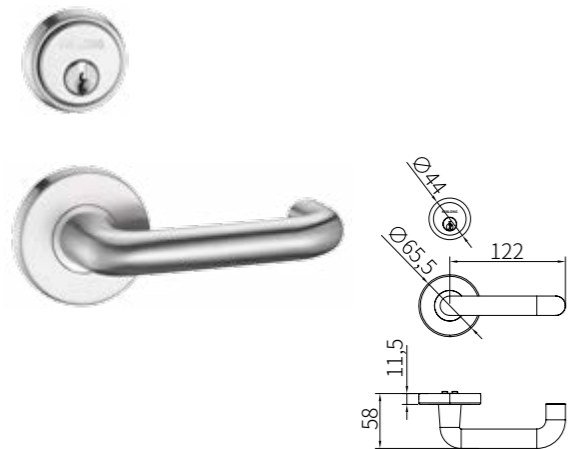
Exploded view



American standard lock function introduction

NO.	Function type	Model	Diagram	Function description
1	Passage door lock	ST7092A1		Outdoor: Under any circumstances, the outer handle can be pressed down to unlock Indoor: Under any circumstances, the inner handle can be pressed down to unlock
2	Office lock	ST7092A3		Outdoor: 1. The key can be unlocked at any time 2. The key locks or unlocks the outer handle 3. When the outer handle is locked, the outer handle cannot be pressed down to unlock Indoor: 1. The inner handle can be pressed down to unlock at any time 2. The knob can lock or unlock the outer handle
3	Storeroom lock	ST7092A6		Outdoor: 1. The key can be unlocked at any time 2. The outer handle is always fixed and cannot be pressed down to unlock Indoor: 1. The inner handle can be pressed down to unlock at any time
4	Classroom lock	ST7092A5		Outdoor: 1. The key can be unlocked at any time 2. The key locks or unlocks the outer handle 3. When the outer handle is locked, the outer handle cannot be pressed down to unlock Indoor: 1. The inner handle can be pressed down to unlock at any time
5	Entrance door lock	ST7092AC		Outdoor: 1. The key can be used to unlock under any circumstances 2. When the room is locked with a key, the outer handle cannot be pressed down, only the key can be used to unlock Indoor: 1. The inner handle can be pressed down to unlock at any time 2. The key locks or unlocks the outer handle
6	Indicative public toilet lock	ST7092A9		Outdoor: 1. Coins can be used to retract the tongue outside under any circumstances, with indication function 2. When the indoor knob is locked (with the tongue sticking out), the outer handle cannot be pressed down to unlock 3. When the tongue is retracted, the outer handle can be pressed down to unlock Indoor: 1. Under any circumstance, you can open the door by pressing the handle outside 2. The inner handle has an escape function (retract the oblique tongue and the dull tongue at the same time), and unlock the outer handle 3. The knob can stick out the tongue and lock the outer handle at the same time
7	Dormitory lock	ST7092AB		Outdoor: 1. The key can be used to unlock under any circumstances 2. When the indoor knob is locked (with the tongue sticking out), the outer handle cannot be pressed down to unlock 3. When the tongue is retracted, the outer handle can be pressed down to unlock, Indoor: 1. Under any circumstances, the inner handle can be pressed down to open the door 2. The inner handle has an escape function (retract the oblique tongue and the dull tongue at the same time), and unlock the outer handle 3. The knob can stick out the tongue and lock the outer handle at the same time
8	Apartment lock	ST7092AD		Outdoor: 1. The key can be used to unlock under any circumstances 2. When the indoor knob is locked (with the tongue sticking out), the outer handle cannot be pressed down to unlock 3. When the tongue is retracted, turn the knob up 20° to unlock the outer handle. At this time, the outer handle can be down. Press to unlock Indoor: 1. The door can be opened by pressing the inner handle under any circumstances 2. The inner handle has an escape function (retract the oblique tongue and the dull tongue at the same time) 3. The knob can stick out the tongue and lock the outer handle at the same time 4. When the tongue is retracted, turn the knob 20° to unlock the outer handle

American standard fireproof lock (ST7092AD)



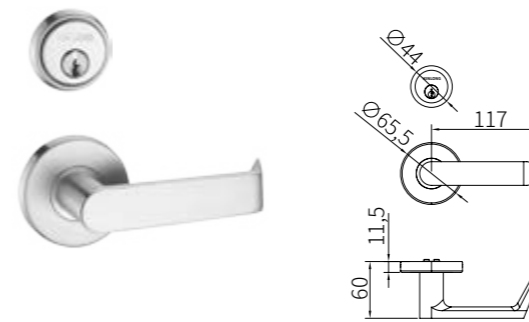
SMB10213F
American standard fireproof lock
Function characteristics

Comply with American ANSI/BHMA A156.13 Grade 1 standard
 Passed ANSI certification, passed UL certification
 Comply with GB12955-2008 fire test and pass fire protection certification
 Fire doors suitable for commercial establishments such as commercial buildings
 1 million times of opening life, sturdy and durable, distinguish left and right
 American standard apartment lock function
 Equipped with s slot single row 6 ball marble lock cylinder



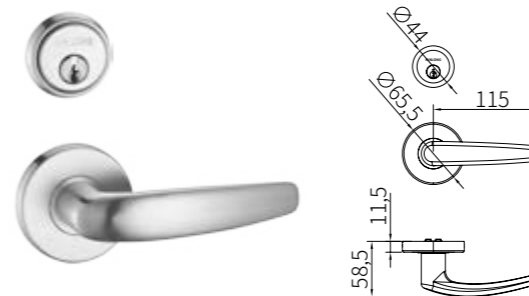
American Standard Door Lock Series - Stainless steel split cover ring (ST7092A)

SMB10211 **American Standard Door Lock**



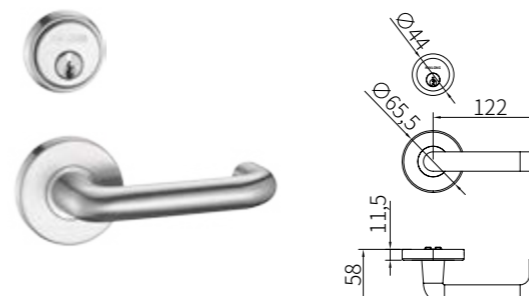
Function	Model
Passage door lock	ST7092A1-SMB10211
Office lock	ST7092A3-SMB10211
Storeroom lock	ST7092A5-SMB10211
Classroom lock	ST7092A6-SMB10211
Entrance door lock	ST7092A9-SMB10211
Indicative public toilet lock	ST7092AB-SMB10211
Dormitory lock	ST7092AC-SMB10211
Apartment lock	ST7092AD-SMB10211

SMB10212 **American Standard Door Lock**



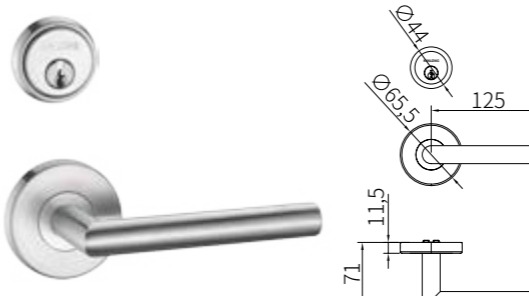
Function	Model
Passage door lock	ST7092A1-SMB10212
Office lock	ST7092A3-SMB10212
Storeroom lock	ST7092A5-SMB10212
Classroom lock	ST7092A6-SMB10212
Entrance door lock	ST7092A9-SMB10212
Indicative public toilet lock	ST7092AB-SMB10212
Dormitory lock	ST7092AC-SMB10212
Apartment lock	ST7092AD-SMB10212

SMB10213 **American Standard Door Lock**



Function	Model
Passage door lock	ST7092A1-SMB10213
Office lock	ST7092A3-SMB10213
Storeroom lock	ST7092A5-SMB10213
Classroom lock	ST7092A6-SMB10213
Entrance door lock	ST7092A9-SMB10213
Indicative public toilet lock	ST7092AB-SMB10213
Dormitory lock	ST7092AC-SMB10213
Apartment lock	ST7092AD-SMB10213

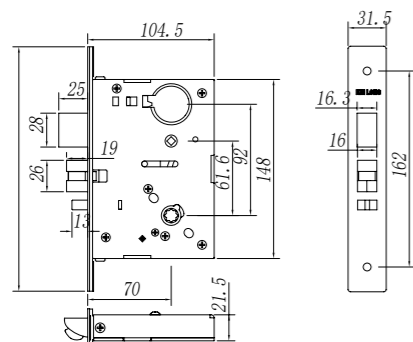
SMB10214 **American Standard Door Lock**



Function	Model
Passage door lock	ST7092A1-SMB10214
Office lock	ST7092A3-SMB10214
Storeroom lock	ST7092A5-SMB10214
Classroom lock	ST7092A6-SMB10214
Entrance door lock	ST7092A9-SMB10214
Indicative public toilet lock	ST7092AB-SMB10214
Dormitory lock	ST7092AC-SMB10214
Apartment lock	ST7092AD-SMB10214

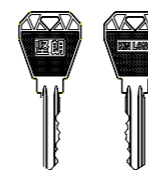
ST7092A
Dpartment lock fireproof lock body

Comply with American ANSI/BHMA A156.13 Grade 1 standard
 Suitable for steel or wooden entrance doors, villa doors, etc.
 1 million times of opening life, sturdy and durable, the oblique tongue is adjustable
 The safety tongue can prevent the oblique tongue from being inserted
 Equipped with s slot single row 6 ball marble lock cylinder

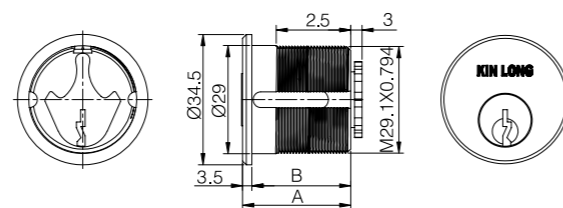


SX-008 **American standard lock cylinder**

Meet the standard ANSI/BHMA A156.13 Grade 1 Level 1 standard requirements
 Suitable for steel or wooden doors
 S slot single row 6 beads, 3 keys
 Cut off the drive strip according to the door thickness, suitable for door thickness 38- 52mm
 3 keys



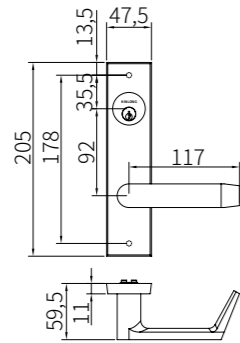
Total length L	Total length L
29	41
32	44.5
35	
38	



American standard door lock

American standard door lock

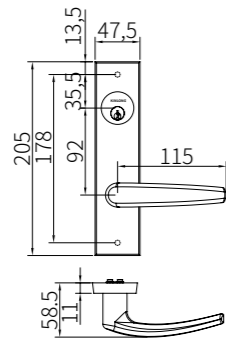
American Standard Door Lock Series - Stainless steel split cover ring (ST7092A)



SMB10111

American Standard Door Lock  

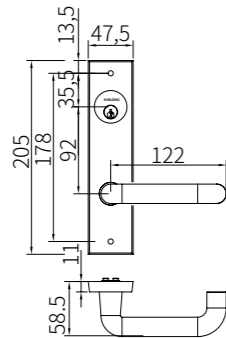
功能	型号
办公室锁	ST7092A3-SMB10111
教室锁	ST7092A5-SMB10111
储藏室锁	ST7092A6-SMB10111
宿舍锁	ST7092AB-SMB10111
入户锁	ST7092AC-SMB10111
公寓锁	ST7092AD-SMB10111



SMB10112

American Standard Door Lock  

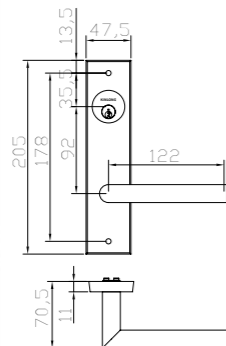
功能	型号
办公室锁	ST7092A3-SMB10112
教室锁	ST7092A5-SMB10112
储藏室锁	ST7092A6-SMB10112
宿舍锁	ST7092AB-SMB10112
入户锁	ST7092AC-SMB10112
公寓锁	ST7092AD-SMB10112



SMB10113

American Standard Door Lock  

功能	型号
办公室锁	ST7092A3-SMB10113
教室锁	ST7092A5-SMB10113
储藏室锁	ST7092A6-SMB10113
宿舍锁	ST7092AB-SMB10113
入户锁	ST7092AC-SMB10113
公寓锁	ST7092AD-SMB10113



SMB10114

American Standard Door Lock  

功能	型号
办公室锁	ST7092A3-SMB10114
教室锁	ST7092A5-SMB10114
储藏室锁	ST7092A6-SMB10114
宿舍锁	ST7092AB-SMB10114
入户锁	ST7092AC-SMB10114
公寓锁	ST7092AD-SMB10114

European Standard Door Lock Series



American standard door lock

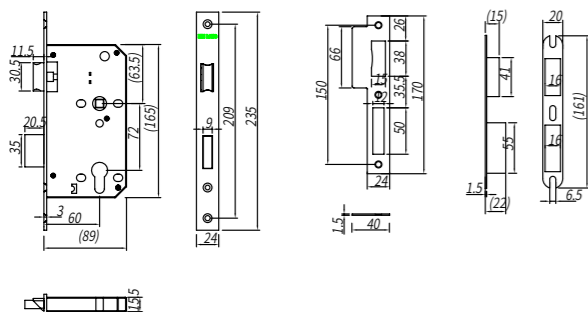
European Standard Door Lock Series (ST6072E)

ST6072E European standard lock body

Comply with European standard EN12209-2003 Suitable for steel or wooden entrance doors, interior doors, etc.

8 lock bodies with different functions to choose from, suitable for different places Open life of 200,000 times, durable, oblique tongue is adjustable

Equipped with S-slot single row six-ball marble lock cylinder, A2+B5 key



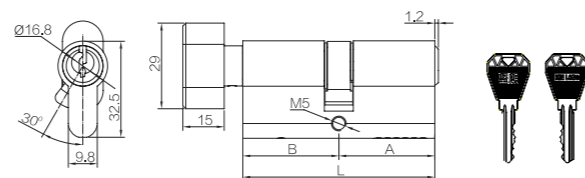
SX-003 Lock Cylinder

Suitable for steel or wooden doors Single row flat slot 6 beads lock cylinder Available with double side keys and one side key one side knob With 3 keys



Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized.



Function characteristics

Comply with European standard EN12209-2003, pass CE certification

Suitable for steel or wooden entrance doors, interior doors, etc.

Multiple lock bodies with different functions are available

200,000 times opening life, durable

With S slot single row 6 ball lock cylinder

Bathroom lock cylinder can be selected according to the application

Distinguish left or right

Technical parameters

Door margin distance:

60mm(ST6072E)55mm(ST5572E)

Hole center distance: 72mm(ST6072E)

78mm(ST6078E9)

Applicable door thickness: above 35mm

Standard door thickness: 48-53mm (centered installation)

Parts beyond the thickness of the door should be customized

Square steel size: 8×8×L

Material & Surface treatment

Handle: 304 Stainless steel

Cladding: 304 Stainless steel

Mounting screws: Stainless steel

Surface treatment:Stainless steel brushed SS

Stainless steel brushed+ Mirror SC

Precautions for customization and order

- The door lock function is selected according to the function table
- For surface treatment customization, please refer to the product page
- If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
- The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
- When using other lock bodies or lock cylinders, you must configure them before placing an order
- When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
- The size and shape of the lock panel can be customized
- Bathroom locks and fake locks, order on demand
- The configuration table and non-standard drawings need to provide signature files

Description:

When ST6072E is installed in the center, the applicable range of the lock plate is 48-53mm, If door thickness less than 48mm, lock plate needs to be cut short (non-standard customized) If door thickness larger than 53mm, lock plate needs to be widened (non-standard custom)

European Standard Door Lock Function

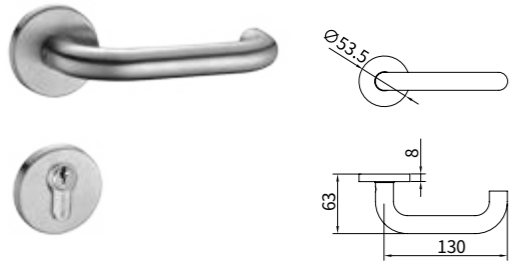
NO.	Function type	Model	Diagram	Function description
1	Passage door lock	ST6072E1		Single oblique tongue, no square tongue Always open the oblique tongue when holding hands inside and outside. Can be used for access doors that do not need to be locked
2	Bathroom lock	ST6072E2		There are oblique tongue and square tongue, with keyless bathroom lock. The inner and outer handles always open the oblique tongue, the inner knob opens and closes the square tongue; in emergency, coins are used outdoors Wait to insert the lock core slot to open the square tongue. It can be used in residential toilets or public restrooms.
3	Door Lock	ST6072E3		There are oblique tongue and square tongue, with double lock head or outer lock head and inner knob. Open the diagonal tongue with your hands inside and outside, The key opens and closes the square tongue and opens the diagonal tongue. It can be used for entrance doors or interior doors of houses, apartments, dormitories, office buildings, etc.
4	Unicom door lock	ST6072E7		There are oblique tongue and square tongue, equipped with half lock internal knob. Only the outer handle opens the oblique tongue, the key Use the spoon to open the diagonal and square tongues.
5	Indicating bathroom lock	ST6078E9		There are oblique tongue and square tongue, no lock, with people/no people display. Open the diagonal tongue with your hands inside and outside, The inner handle can open the diagonal tongue and the square tongue at the same time, and the inner button opens the square tongue; In an emergency, insert a coin into the indicator slot to open the square tongue outdoors. For public health Between.
6	Dead lock	ST6072E4		Single square tongue, no handle cladding, with double lock head or outer lock head and inner knob. Key opening and closing party tongue. It can be used in storage rooms, tube wells, or industrial doors that are not often opened.
7	Storeroom lock	ST6072E6		Single oblique tongue, with safety tongue, external handle fixed, outdoor with half lock. Inner handle and The external key opens the diagonal tongue. Used in storage rooms and other places.
8	Classroom lock	ST5572E5		Single oblique tongue, with safety tongue, with half lock outdoors. Open the oblique tongue with hands inside and outside, the key The key can be locked and the outer handle can only be out and not in at this time. Used in classrooms and other places.square tongue outdoors. For public health Between.

European Standard Fireproof Door Lock Series (ST6072E3)

SSN12730FE European Standard Door Lock (Fireproof lock)



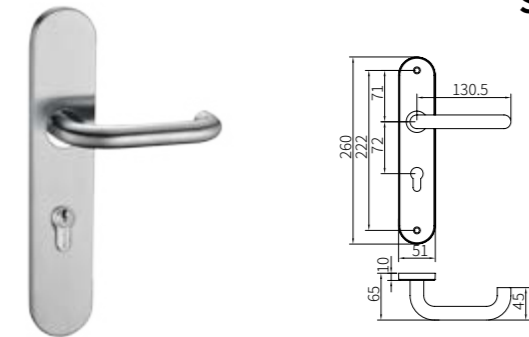
Comply with European standard EN12209-2003, pass CE certification
 Comply with GB12955-2008 fire test and pass fire protection certification
 Fire doors suitable for commercial establishments such as commercial buildings
 Suitable for steel or wooden entrance doors, interior doors, etc.
 200,000 times opening life, durable
 With S slot single row 6 ball lock cylinder
 Bathroom lock cylinder can be selected according to the application
 Distinguish left or right



SSN15930F European Standard Door Lock (Fireproof lock)

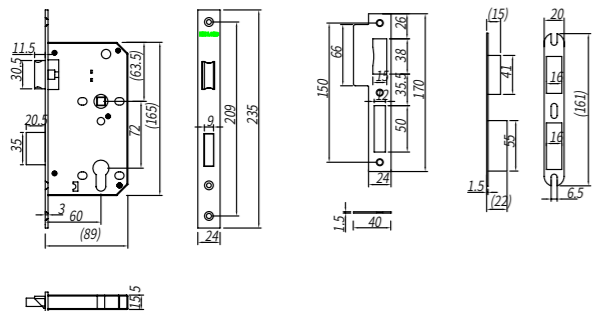


Comply with European standard EN12209-2003, pass CE certification
 Comply with GB12955-2008 fire test and pass fire protection certification
 Fire doors suitable for commercial establishments such as commercial buildings
 Suitable for steel or wooden entrance doors, interior doors, etc.
 200,000 times opening life, durable
 With S slot single row 6 ball lock cylinder
 Bathroom lock cylinder can be selected according to the application
 Distinguish left or right



ST607E3 European standard lock body

Comply with European standard EN12209-2003
 Suitable for steel or wooden entrance doors, interior doors, etc.
 8 lock bodies with different functions to choose from, suitable for different places
 Open life of 200,000 times, durable, oblique tongue is adjustable
 Equipped with S-slot single row six-ball marble lock cylinder, A2+B5 key



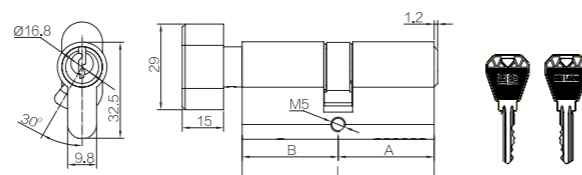
SX-003 Lock Cylinder

Suitable for steel or wooden doors
 Single row flat slot 6 beads lock cylinder
 Available with double side keys and one side key one side knob
 With 3 keys



Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized.

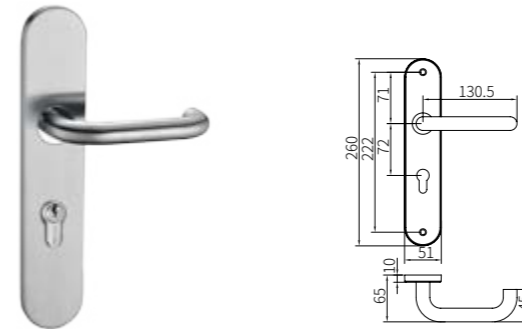


European Standard Door Lock Series - Stainless steel cladding (ST6072E)

SSN15930 European Standard Door Lock



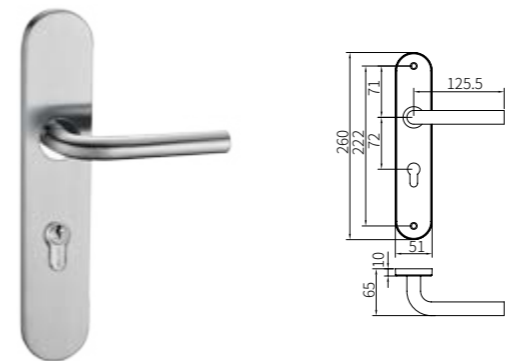
Function	Model
Bathroom lock	ST6072E2-SSN15930
classroom lock	ST5572E5-SSN15930
Storeroom lock	ST6072E6-SSN15930



SSN15929 European Standard Door Lock



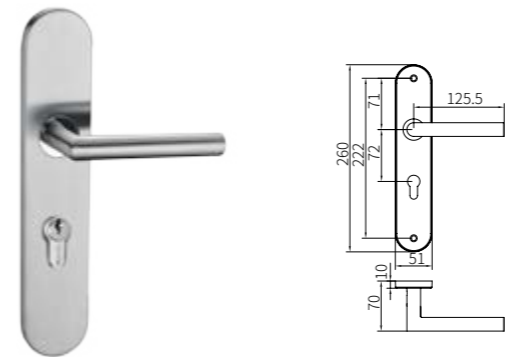
Function	Model
Bathroom lock	ST6072E2-SSN15929
Door lock	ST6072E3-SSN15929
classroom lock	ST5572E5-SSN15929
Storeroom lock	ST6072E6-SSN15929



SSN15937 European Standard Door Lock



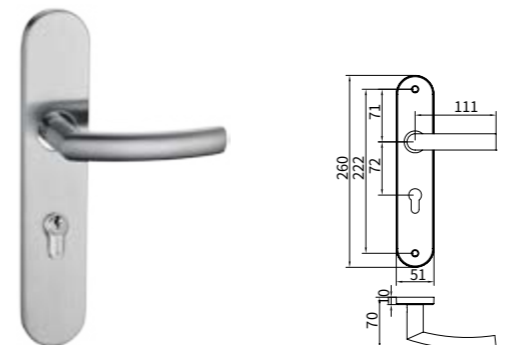
Function	Model
Bathroom lock	ST6072E2-SSN15937
Door lock	ST6072E3-SSN15937
classroom lock	ST5572E5-SSN15937
Storeroom lock	ST6072E6-SSN15937



SSN15938 European Standard Door Lock




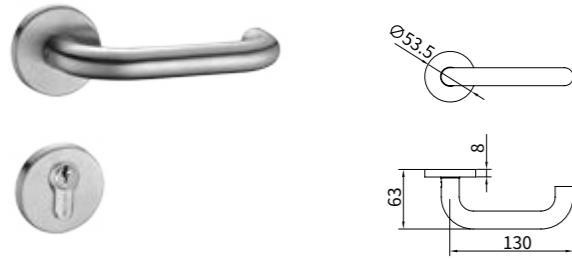
Function	Model
Bathroom lock	ST6072E2-SSN15938
Door lock	ST6072E3-SSN15938
classroom lock	ST5572E5-SSN15938
Storeroom lock	ST6072E6-SSN15938



European Standard Door Lock Series - Stainless steel cladding (ST6072E)


SSN12730

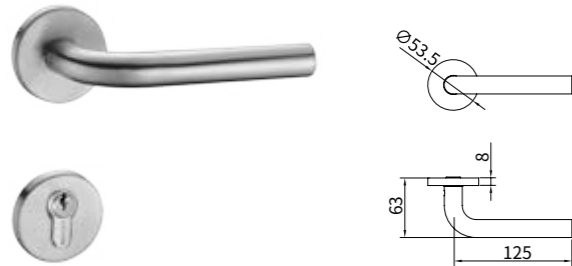
European Standard Door Lock 



Function	Model
Passage lock	ST6072E1-SSN12730
Bathroom lock	ST6072E2-SSN12730
Door lock	ST6072E3-SSN12730
Unicom door lock	ST6072E7-SSN12730
Indicating bathroom lock	ST6078E9-SSN12730
Storeroom lock	ST6072E6-SSN12730
classroom lock	ST5572E5-SSN12730


SSN12729

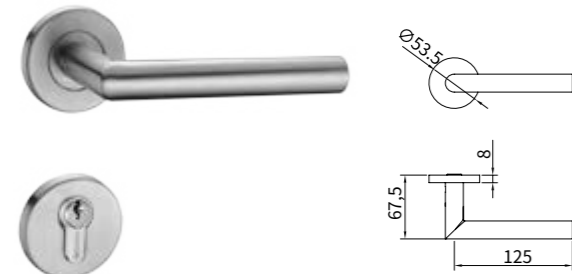
European Standard Door Lock 



Function	Model
Passage lock	ST6072E1-SSN12729
Bathroom lock	ST6072E2-SSN12729
Door lock	ST6072E3-SSN12729
Unicom door lock	ST6072E7-SSN12729
Indicating bathroom lock	ST6078E9-SSN12729
Storeroom lock	ST6072E6-SSN12729
classroom lock	ST5572E5-SSN12729


SSN12737

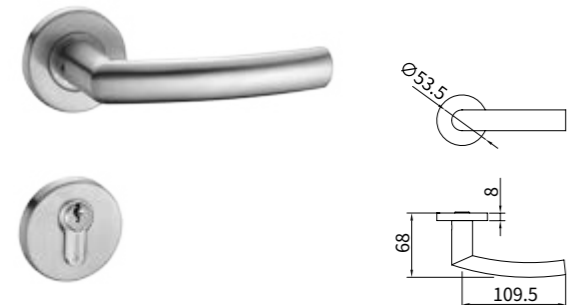
European Standard Door Lock 



Function	Model
Passage lock	ST6072E1-SSN12737
Bathroom lock	ST6072E2-SSN12737
Door lock	ST6072E3-SSN12737
Unicom door lock	ST6072E7-SSN12737
Indicating bathroom lock	ST6078E9-SSN12737
Storeroom lock	ST6072E6-SSN12737
classroom lock	ST5572E5-SSN12737

SSN12738

European Standard Door Lock 



Function	Model
Passage lock	ST6072E1-SSN12738
Bathroom lock	ST6072E2-SSN12738
Door lock	ST6072E3-SSN12738
Unicom door lock	ST6072E7-SSN12738
Indicating bathroom lock	ST6078E9-SSN12738
Storeroom lock	ST6072E6-SSN12738
classroom lock	ST5572E5-SSN12738

European Standard Door Lock Series - Stainless steel cladding (ST6072E)

SSN12700

European Standard Door Lock 



功能	型号
呆锁	ST6072E4-SSN12700

European standard door lock

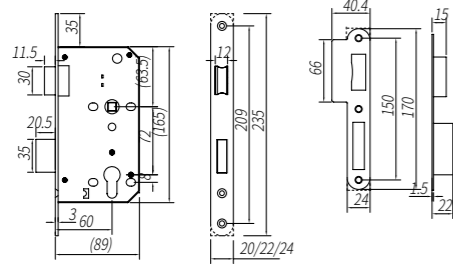
European standard door lock

Split Door Lock Series (ST6072)



ST6072 Lock body

Passed national standard GB 21556-2008 Suitable for steel or wooden entrance doors or indoor doors, etc
Solid anti-saw tongue, the direction of oblique tongue is adjustable
Outside key can open square tongue and oblique tongue when closed
Standard single row marble lock cylinder
Sash fixed panel can be round or square, and the width can be 20/22 / 24mm



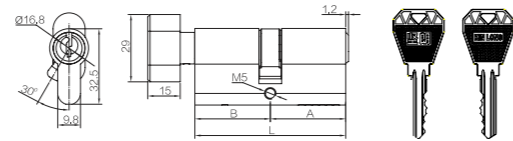
SX-003 Lock Cylinder

Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
Suitable for steel or wooden doors
Single row flat slot 6 beads lock cylinder
Available with double side keys and one side key one side knob
With 3 keys



Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized.



Function characteristics

Passed national standard GB 21556-2008
Suitable for steel or wooden entrance door
With solid anti-saw tongue
Outside keys can open both the square tongue and oblique tongue when closed
Single row flat slot 7 beads lock cylinder
Don't distinguish left and right
The inner and outer connecting screws are not exposed and can be installed quickly
Bathroom cylinder is optional according to the application

Technical parameters

Door margin distance: 60mm
Hole center distance: 72mm
Applicable door thickness: above 35mm
Standard door thickness: 47-54mm (centered installation)
Parts beyond the thickness of the door should be customized
Square steel size: 8×8×L

Material & Surface treatment

Handle: 304 Stainless steel
Cladding: 304 Stainless steel
Mounting screws: Stainless steel
Surface treatment: Stainless steel brushed SS

Precautions for customization and order

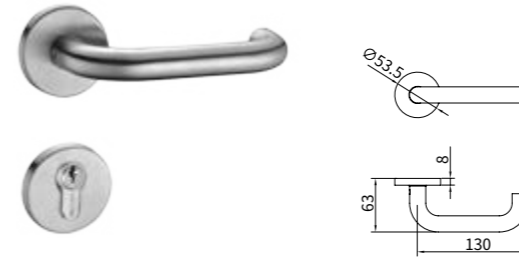
1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Description:
When ST6072 is installed in the center, the applicable range of the lock plate is 47-54mm, if door thickness less than 47mm, lock plate needs to be cut short (non-standard customized)
If door thickness larger than 54mm, lock plate needs to be widened (non-standard custom)

Split Door Lock Series - Stainless steel cover ring (ST6072)

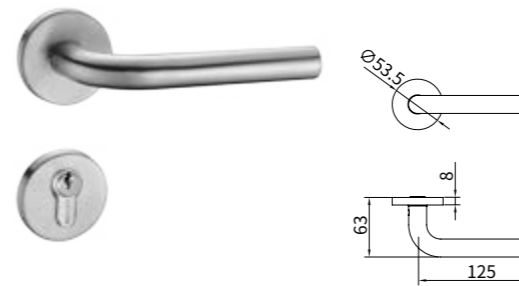
SFHS27105

Fireproof lock



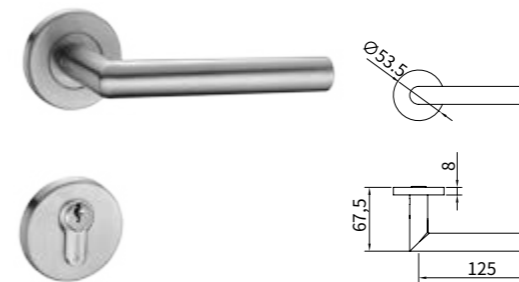
SSN12729F

Fireproof lock

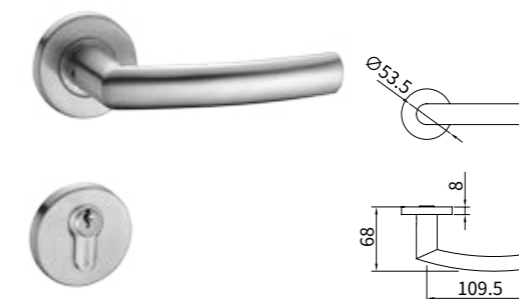
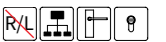


SSN12737F

Fireproof lock

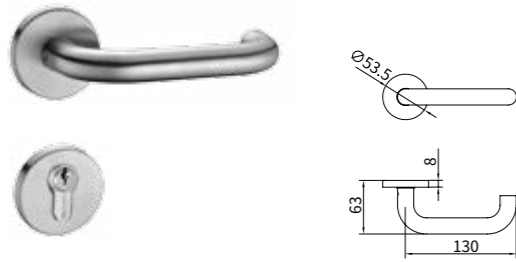


SSN12738



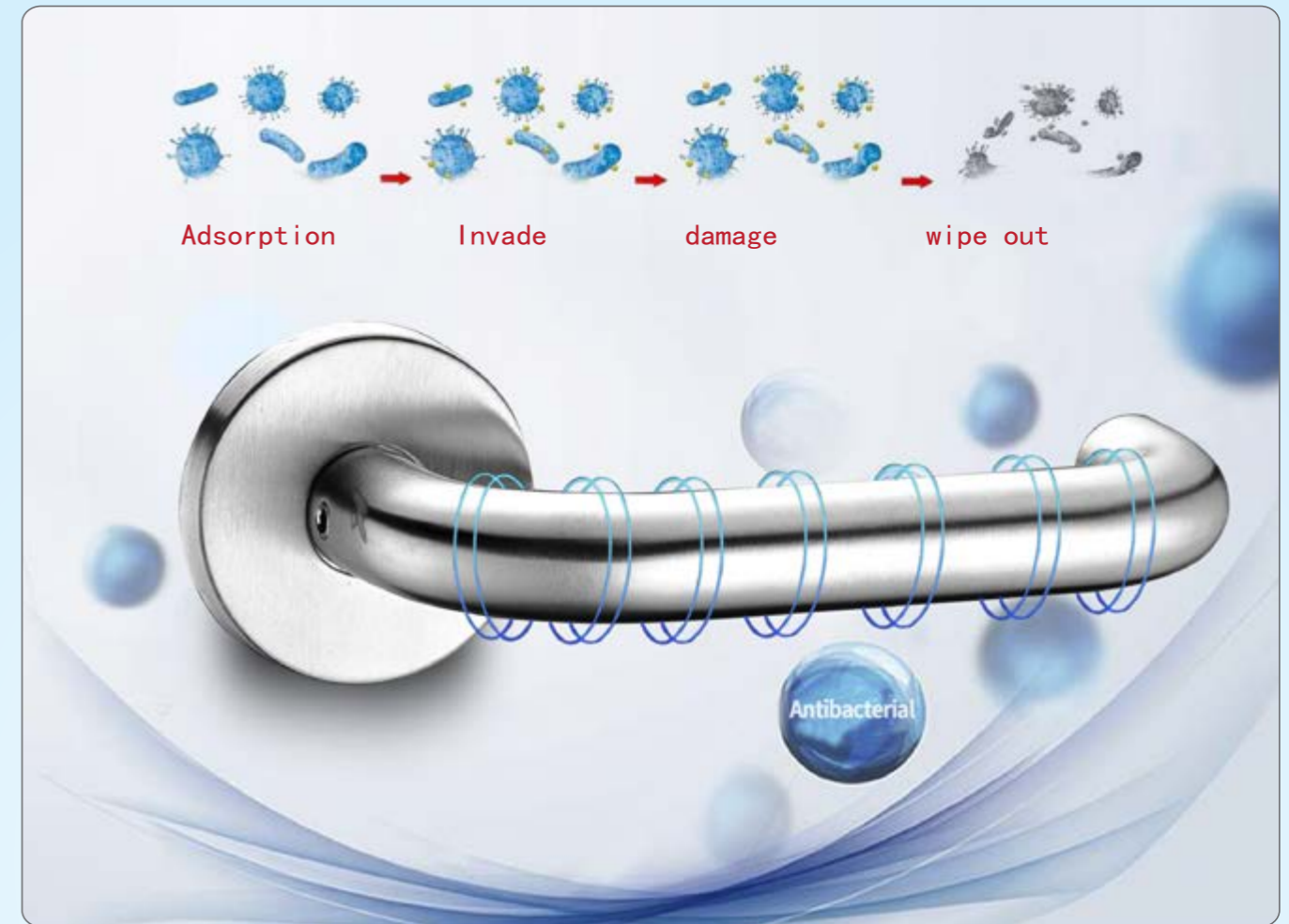
Split Door Lock Series - Stainless steel cover ring (ST6072)

SSN12730



Split door lock

Antibacterial Door Lock Series

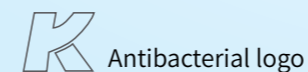


Using a special process to make an antibacterial and antiviral coating on the surface of the accessible product, this revolutionary material belongs to the nanometer. It is mechanical, integrating the advantages of safety, sterilization, no copper and silver, long-lasting durability, and pure physical mechanism. Compared with the silver ion powder spraying on the market, it has greater advantages. JIS Z 2801:2010 antibacterial processed products-antibacterial test methods and standard requirements for the determination of antibacterial effects, And tested by SGS testing organization.

Function characteristics

K-LKB antibacterial and antiviral coating

Use a special process to make antibacterial and antiviral on the surface of the accessible product. Coating, this revolutionary material is nano-organic, it is safe, Sterilization, no copper, no silver, long-lasting, pure physical mechanism. Face advantage and integration, with the existing silver ion powder coating on the market. In comparison, it has greater advantages.



Application Introduction

.Conforms to: JIS Z 2801:2010 antibacterial processed products- Antibacterial test methods and standards for the determination of antibacterial effects, Standard requirements, and passed the inspection of SGS testing agency.

.The application range is very wide, except for door and window hardware, faucets, Metal buttons and large metal building materials.

.Antibacterial mechanism: the use of charge process has no effect on efficiency

Life cycle: ≥20 years

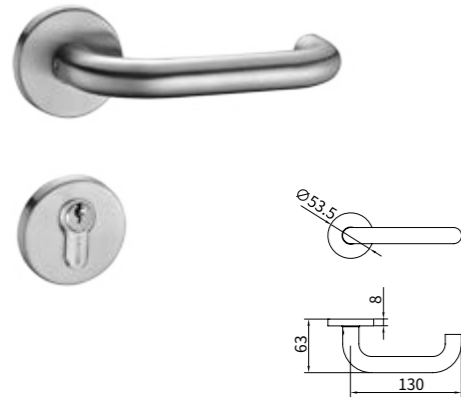
Coating thickness: 5-6um

Anti-toxicity: 99% sterilization and 78.6% sterilization

Sterilization time: ≤10 seconds

Antibacterial Door Lock Series - Stainless steel split cover ring

SFHS27105K Antibacterial Door Lock(Fireproof lock)



Passed the national standard GB 21556-2008 test
 Passed GB12955-2008 Appendix A 1.5-hour fire test
 Passed fire certification
 Only handle antibacterial treatment, no other colors are produced
 Solid anti-saw lock tongue, oblique tongue is adjustable
 When closed, the outer key can open the square tongue and oblique tongue
 Standard single-row marble lock cylinder
 Brushed stainless steel SS



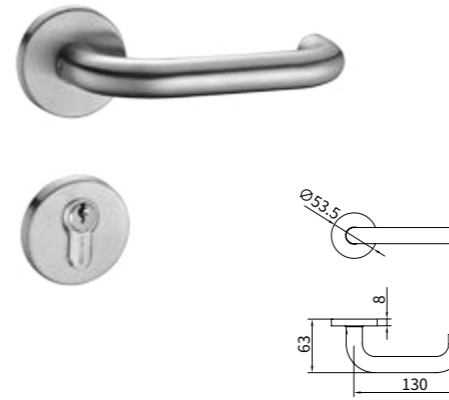
ST6072 lock body



SX-003 lock cylinder

Antibacterial Door Lock Series - Stainless steel split cover ring

SSN12730FK Antibacterial Door Lock(Fireproof lock)



Passed the national standard GB 21556-2008 test
 Passed GB12955-2008 Appendix A 1.5-hour fire test
 Passed fire certification
 Only handle antibacterial treatment, no other colors are produced
 Solid anti-saw lock tongue, oblique tongue is adjustable
 When closed, the outer key can open the square tongue and oblique tongue
 Standard single-row marble lock cylinder
 Brushed stainless steel SS

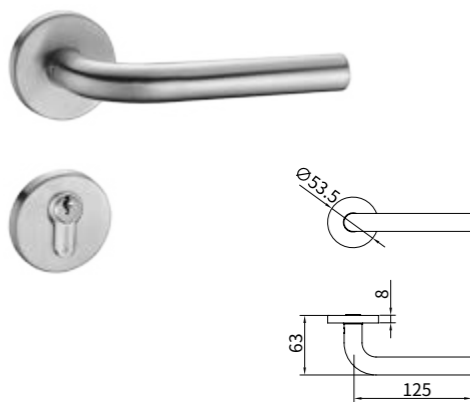


ST5085Z lock body



SX-003 lock cylinder

SSN12729FK Antibacterial Door Lock(Fireproof lock)



Passed the national standard GB 21556-2008 test
 Passed GB12955-2008 Appendix A 1.5-hour fire test
 Passed fire certification
 Only handle antibacterial treatment, no other colors are produced
 Solid anti-saw lock tongue, oblique tongue is adjustable
 When closed, the outer key can open the square tongue and oblique tongue
 Standard single-row marble lock cylinder
 Brushed stainless steel SS

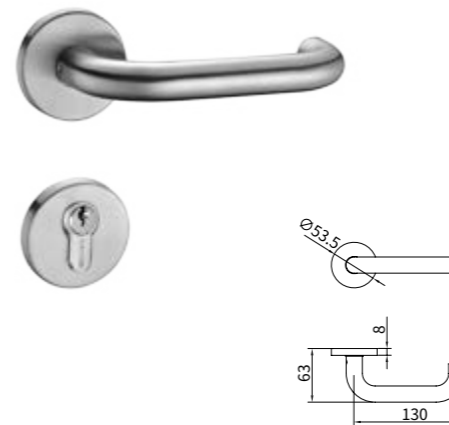


ST6072 lock body



SX-003 lock cylinder

SSN12730FEK Antibacterial Door Lock(European Standard Door lock)



Passed the national standard GB 21556-2008 test
 Passed GB12955-2008 Appendix A 1.5-hour fire test
 Passed fire certification
 Only handle antibacterial treatment, no other colors are produced
 Solid anti-saw lock tongue, oblique tongue is adjustable
 When closed, the outer key can open the square tongue and oblique tongue
 Standard single-row marble lock cylinder
 Brushed stainless steel SS



ST6072 E3 lock body

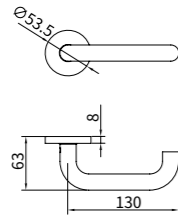


SX-003 lock cylinder

Antibacterial door lock

Antibacterial door lock

Antibacterial Door Lock Series - Stainless steel split cover ring



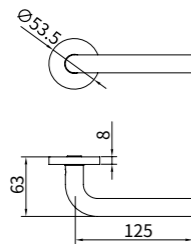
SFHS27105-TDK Antibacterial Door Lock(Entrance door lock)

Passed the national standard GB 21556-2008 test
 Passed GB12955-2008 Appendix A 1.5-hour fire test
 Passed fire certification
 Only handle antibacterial treatment
 Solid anti-saw lock tongue, oblique tongue is adjustable
 When closed, the outer key can open the square tongue and oblique tongue
 Standard single-row marble lock cylinder
 Brushed stainless steel SS



55Lsingle oblique tongue lock body

STD12729K Antibacterial Door Lock(Entrance door lock)

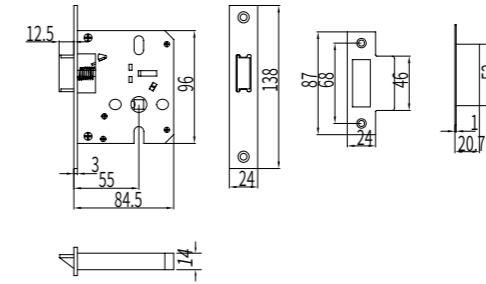


Passed the national standard GB 21556-2008 test
 Only handle antibacterial treatment
 Solid anti-saw lock tongue, oblique tongue is adjustable
 When closed, the outer key can open the square tongue and oblique tongue
 Brushed stainless steel SS



55Lsingle oblique tongue lock body

Entrance Door Lock Series(55L single oblique tongue lock body)



55L single oblique tongue lock body

Passed the national standard GB 21556-2008 test
 Applicable to all indoor access door places
 Solid anti-saw lock tongue, oblique tongue is adjustable
 The inside and outside are opened and closed by the handle

Function characteristics

Passed the national standard GB 21556-2008 test
 Suitable for steel or wooden access doors, etc.
 Solid anti-saw bolt
 Inside and outside handle can open the door lock
 Don't distinguish left or right
 Internal and external connection screws are not exposed

Technical parameters

Center distance: 55mm
 Diameter of cover ring: 53.5mm
 Cover ring height: 8mm
 Applicable door thickness: over 35mm
 Standard door thickness: 43-48mm
 Square steel size: 8×8×L

Material & Surface treatment

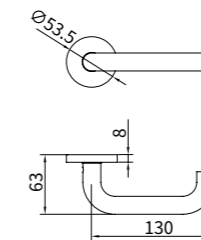
Handle: 304 Stainless steel
 Cladding: 304 Stainless steel
 Mounting screws: Stainless steel
 Surface treatment:Stainless steel brushed SS

Precautions for customization and order

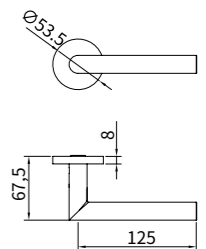
1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
5. The size and shape of the lock panel can be customized
6. The configuration table and non-standard drawings need to provide signature files

Description:
 When 55L is installed in the center, the applicable range of the lock plate is 43-48mm,
 If door thickness less than 42mm, lock plate needs to be cut short (non-standard customized)
 If door thickness larger than 49mm, lock plate needs to be widened (non-standard custom)

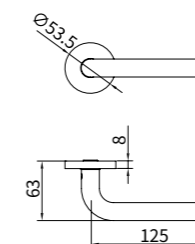
SFHS27105-TD Entrance Door Lock(Fireproof lock)



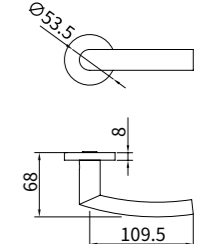
STD12737 Entrance Door Lock



STD12729 Entrance Door Lock



STD12738 Entrance Door Lock



Antibacterial door lock

Entrance door lock

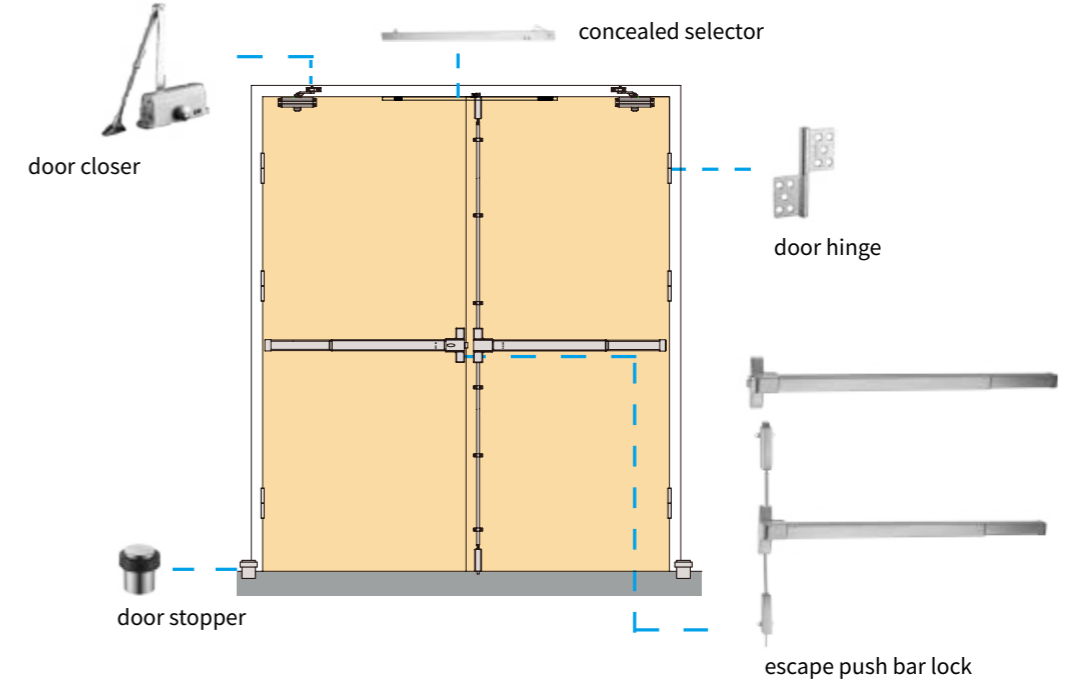
Escape push bar lock series
Press



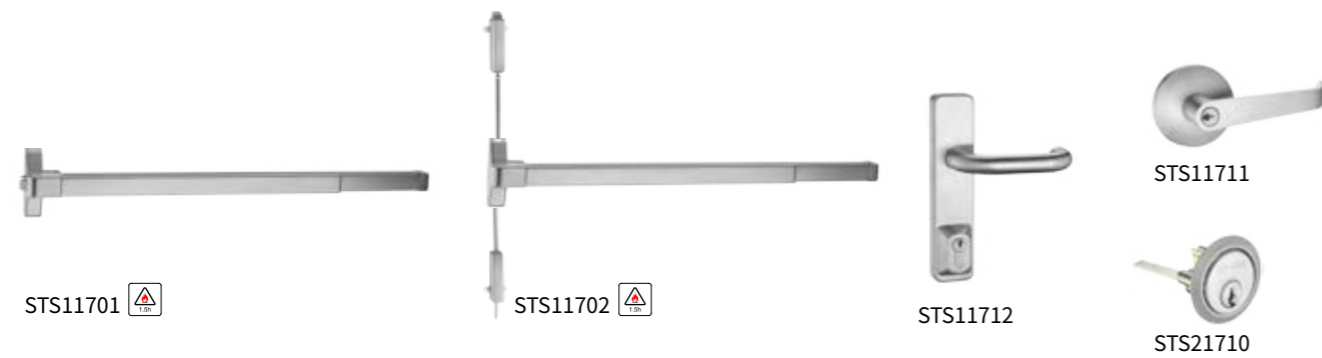
Escape push bar lock series



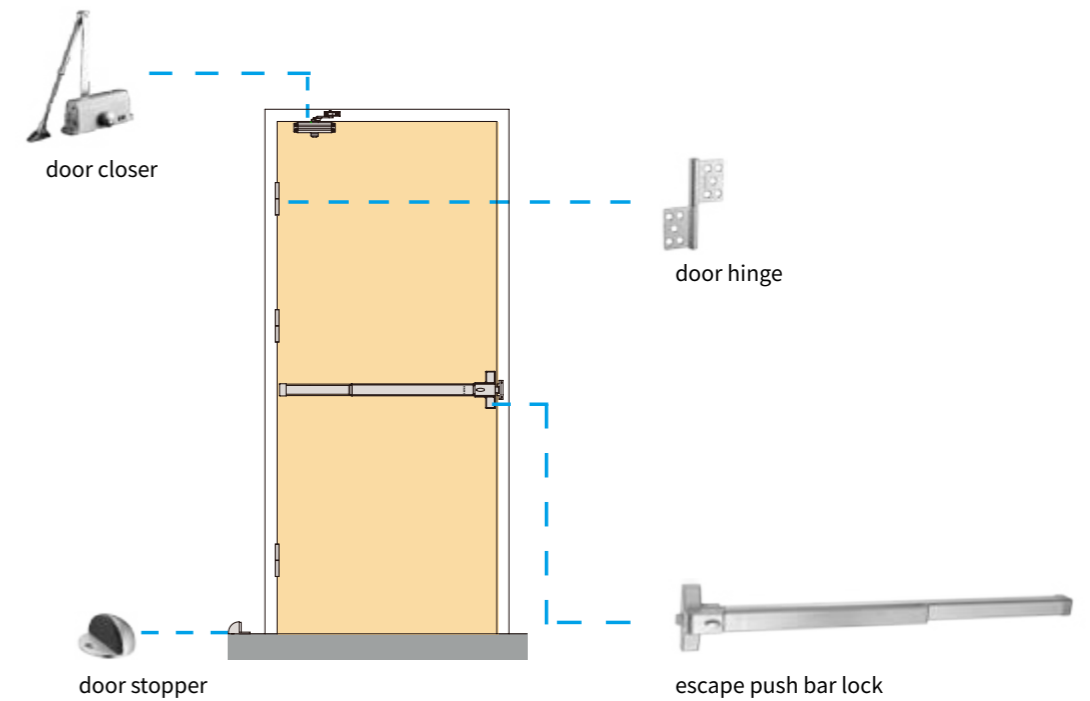
Double door configuration



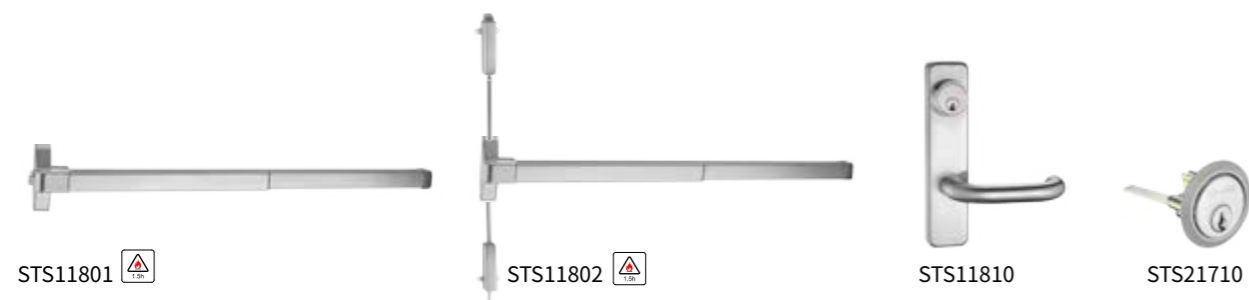
European Standard Escape push bar lock series



Single door configuration



American Standard Escape push bar lock series



Escape push bar door lock

Escape push bar door lock

Escape push bar lock series ((push way))

STS11501 Escape push bar lock series

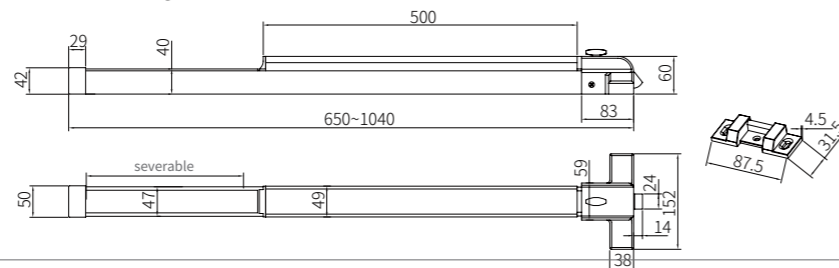
Functional characteristics and finishes

- Pass the national standard GB 30051-2013 test, fire resistance for 1.5 hours
- Suitable for wooden doors and metal doors, fire doors, escape doors
- Single oblique tongue structure, easy to use, don't distinguish left and right
- Push way to open for easy escape

Technical parameters and dimensions

Main body length: 1040mm
 Push plate length: 500mm
 Applicable door width: standard 1040mm, 650-1040mm, self-cutting
 Out of this range, non-standard customization is required

Main body: 304 stainless steel
 Push plate: 304 stainless steel
 Lock tongue: 304 stainless steel



STS11503 Escape push bar lock series

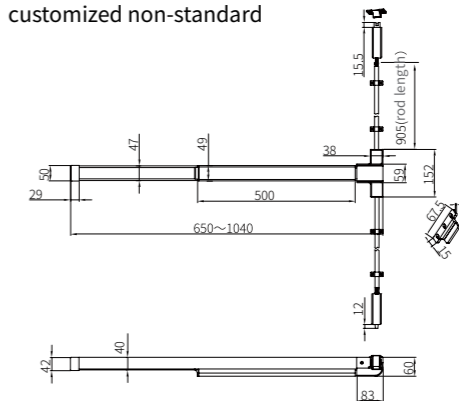
Functional characteristics and finishes

- Pass the national standard GB 30051-2013 test, fire resistance for 1.5 hours
- Suitable for wooden doors and metal doors, fire doors, escape doors
- The top and bottom pole structure effectively plays the role of fixing the door leaf
- Push way to open for easy escape
- Adjustable left and right

Technical parameters and dimensions

Body length: 1040mm
 Push plate length: 500mm
 Applicable door width: standard 1040mm, 650-1040mm, self-cutting
 Out of this range, non-standard customization is required
 Applicable door height: 2080-2130mm, beyond this range, customized non-standard

Main body: 304 stainless steel
 Push plate: 304 stainless steel
 Lock tongue: 304 stainless steel



STS11502 Escape push bar lock series

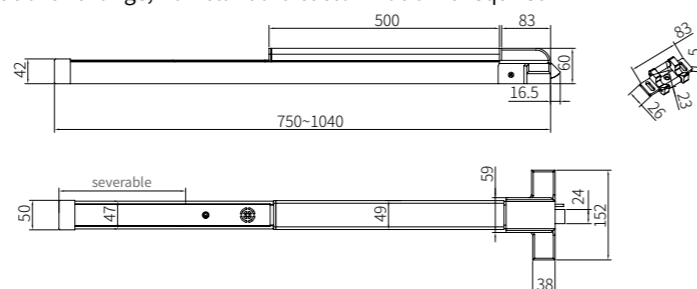
Functional characteristics and finishes

- Pass the national standard GB 30051-2013 test, fire resistance for 1.5 hours
- Suitable for wooden doors and metal doors, fire doors, escape doors
- Alarm function, a sharp buzzing sound will be emitted when the lock is opened
- Single oblique tongue structure, easy to use, don't distinguish left and right
- Push way to open for easy escape

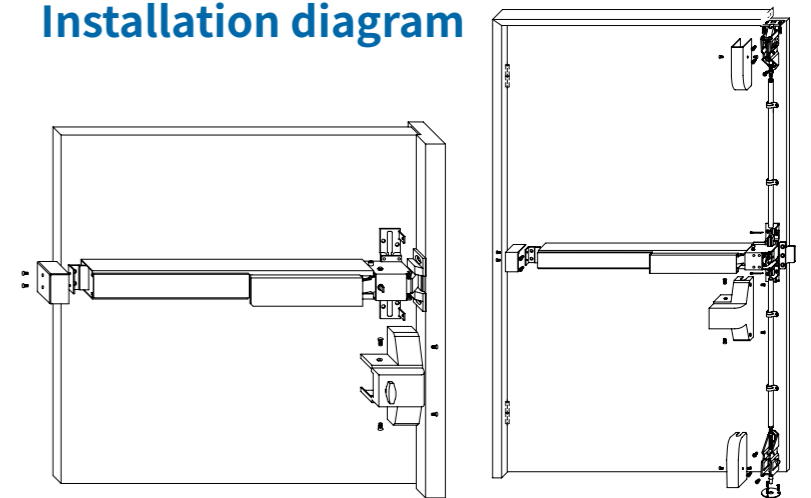
Technical parameters and dimensions

Main body length: 1040mm
 Push plate length: 500mm
 Applicable door width: standard 1040mm, 750-1040mm, self-cutting
 Out of this range, non-standard customization is required

Main body: 304 stainless steel
 Push plate: 304 stainless steel
 Lock tongue: 304 stainless steel



Installation diagram



Horizontal installation diagram

Vertical installation diagram

Escape push bar door lock

Escape push bar door lock

Escape push bar lock series ((press way))

STS51504 Escape push bar lock series



Functional characteristics and finishes

- Passed the national standard GB 30051-2013 test
- Suitable for wooden doors and metal doors, escape doors
- Single oblique tongue structure, easy to use
- Don't distinguish left and right
- Press-down opening for easy escape

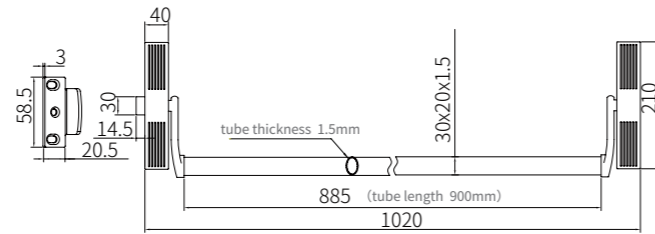
Standard finish
Paint black, paint red



Technical parameters and dimensions

Main body length: 1020mm
Length of pressure rod: 900mm
Applicable door width: standard 1020mm, 400-1020mm, self-cutting
Out of this range, non-standard customization is required

Main body: Q235
Push plate: Q235
Lock tongue: Zinc alloy



STS51505 Escape push bar lock series



Functional characteristics and finishes

- Passed the national standard GB 30051-2013 test
- Suitable for wooden doors and metal doors, escape doors
- Single oblique tongue structure, easy to use
- Don't distinguish left and right
- Press-down opening for easy escape

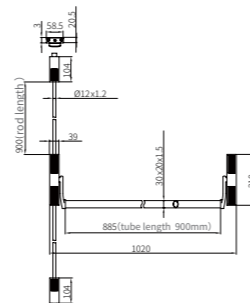
Standard finish
Paint black, paint red



Technical parameters and dimensions

Length of main body: 1020mm, length of pressing rod: 900mm
Applicable door width: standard 1020mm, 400-1020mm, self-cutting
More than 1020mm need to be customized non-standard
Applicable door height: 2070-2130mm, Out of this range, non-standard customization is required

Main body: Q235
Push plate: Q235
Lock tongue: Zinc alloy

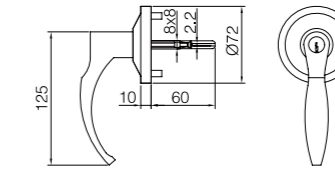


External handle lock series

STS21506 External handle lock (flat shaft)



Dimensions



Functional characteristics

- Suitable for wooden doors and metal doors
 - Need to be used with escape push bar
 - Lock function and normally open function can be set
 - As a handle
 - With 3 keys
 - Flat shaft
- Suitable for STS11501, STS11502

Technical parameters

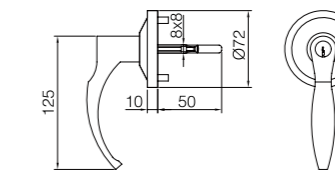
Diameter of cover ring: 72mm
Applicable door thickness: 45-55mm, beyond this range, it needs to be customized

Main material: zinc alloy
Surface treatment: pearl chrome

STS21507 External handle lock (square shaft)



Dimensions



Functional characteristics

- Suitable for wooden doors and metal doors
 - Need to be used with escape push bar
 - Lock function and normally open function can be set
 - As a handle
 - With 3 keys
 - square shaft
- Suitable for STS51504, STS51505

Technical parameters

Diameter of cover ring: 72mm
Applicable door thickness: 50-55mm, beyond this range, it needs to be customized

Main material: zinc alloy
Surface treatment: pearl chrome

Escape push bar door lock

Escape push bar door lock

European Standard escape push bar lock series ((push way))

STS11701 European Standard escape push bar lock series

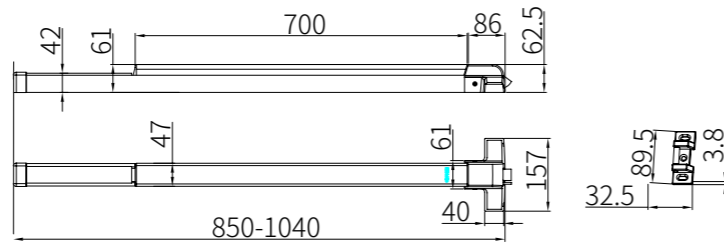
Functional characteristics and finishes

- Comply with European standard EN1125-2008, durability test 200,000 times
- Passed CE certification
- Suitable for wooden doors and metal doors, fire doors, escape doors
- The bolt and the lock cover are stainless steel 304 precision castings, high strength, wear resistance
- Single oblique tongue structure, easy to use, don't distinguish left and right
- Push way to open for easy escape

Technical parameters and dimensions

Main body length: 1040mm	Main body: 304 stainless steel
Push plate length: 700mm	Push plate: 304 stainless steel
Applicable door width: standard 1040mm, 850-1040mm, self-cutting	Lock tongue: 304 stainless steel

Out of this range, non-standard customization is required



STS11702 European Standard escape push bar lock series

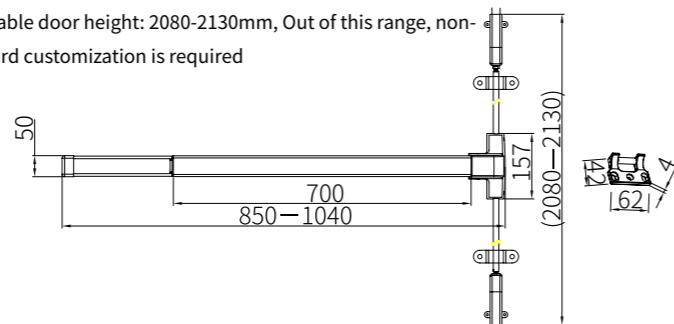
Functional characteristics and finishes

- Comply with European standard EN1125-2008, durability test 200,000 times
- Passed CE certification
- Suitable for wooden doors and metal doors, fire doors, escape doors
- The bolt and the lock cover are stainless steel 304 precision castings, high strength, wear resistance
- Single oblique tongue structure, easy to use, don't distinguish left and right
- Push way to open for easy escape

Technical parameters and dimensions

Main body length: 1040mm, push plate length: 700mm	Main body: 304 stainless steel
Upper rod: 950mm, lower rod: 835mm	Push plate: 304 stainless steel
Applicable door width: standard 1040mm, 850-1040mm, self-cutting	Lock tongue: 304 stainless steel

Out of this range, non-standard customization is required
 Applicable door height: 2080-2130mm, Out of this range, non-standard customization is required



American Standard escape push bar lock series ((push way))

STS11801 American Standard escape push bar lock series

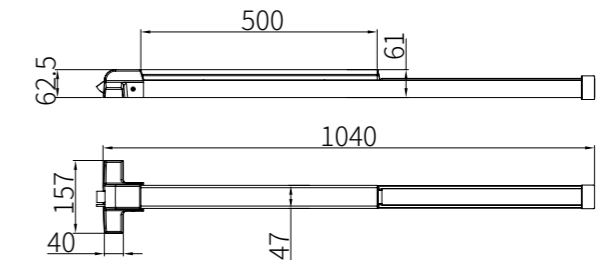
Functional characteristics and finishes

- Meet the American standard ANSI/BHMA A156.3 grade1, UL305, UL10C, 500,000 durability tests; 90 minutes fire test
- Suitable for wooden doors and metal doors, fire doors, escape doors
- The bolt and the lock cover are stainless steel 304 precision castings, high strength, wear resistance
- Single oblique tongue structure, easy to use, don't distinguish left and right
- Push way to open for easy escape

Technical parameters and dimensions

Main body length: 1040mm	Main body: 304 stainless steel
Push plate length: 500mm	Push plate: 304 stainless steel
Applicable door width: standard 650mm, 650-1040mm, self-cutting	Lock tongue: 304 stainless steel

Out of this range, non-standard customization is required



STS11802 American Standard escape push bar lock series

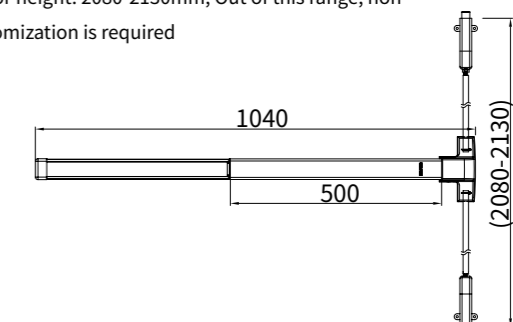
Functional characteristics and finishes

- Meet the American standard ANSI/BHMA A156.3 grade1, UL305, UL10C, 500,000 durability tests; 90 minutes fire test
- Suitable for wooden doors and metal doors, fire doors, escape doors
- The bolt and the lock cover are stainless steel 304 precision castings, high strength, wear resistance
- Single oblique tongue structure, easy to use, don't distinguish left and right
- Push way to open for easy escape

Technical parameters and dimensions

Main body length: 1040mm, push plate length: 500mm	Main body: 304 stainless steel
Upper rod: 950mm, lower rod: 835mm	Push plate: 304 stainless steel
Applicable door width: standard 1040mm, 650-1040mm, self-cutting	Lock tongue: 304 stainless steel

Out of this range, non-standard customization is required
 Applicable door height: 2080-2130mm, Out of this range, non-standard customization is required

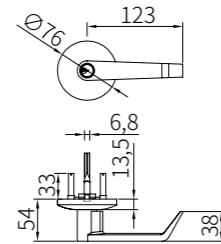


European standard external handle lock

STS11711 External handle lock (European Standard)



Functional characteristics and finishes



Functional characteristics

- Suitable for wooden doors and metal doors
 - Used with European standard escape push bar
 - Lock function and normally open function can be set
 - Optional products
 - With 3 keys
- Suitable for STS11701, STS11702

Technical parameters

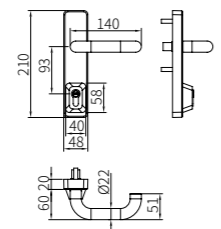
Diameter of cover ring: 76mm
 Applicable door thickness: 40-50mm/51-60mm, beyond this range, it needs to be customized

Main material: 304 stainless steel
 Surface treatment: stainless steel brushed

STS11712 External handle lock (European Standard)



Functional characteristics and finishes



Functional characteristics

- Suitable for wooden doors and metal doors
 - Used with European standard escape push bar
 - Lock function and normally open function can be set
 - As a handle
 - With 3 keys
- Suitable for STS11701, STS11702

Technical parameters

Cladding specifications: 210*48mm
 Applicable door thickness: 43-52mm/53-62mm, if it exceeds the range, it needs to be customized

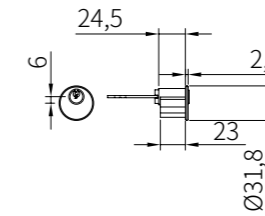
Main material: 304 stainless steel
 Surface treatment: stainless steel brushed

European standard/American standard external handle lock

STS21710 External lock (European standard, American standard)



Functional characteristics and finishes



Functional characteristics

- Suitable for wooden doors and metal doors
 - Use with European and American standard escape bars
 - Lock function and normally open function can be set
 - As a handle
 - With 3 keys
- Suitable for STS11701, STS11702, STS11801, STS11802

Technical parameters

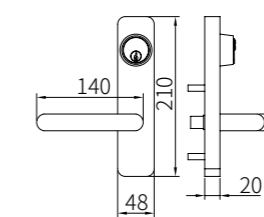
Diameter of cover ring: 45mm
 Applicable door thickness: 40-50mm/51-60mm, beyond this range, it needs to be customized

Main material: 304 stainless steel
 Surface treatment: stainless steel brushed

STS11810 External handle lock (American Standard)



Functional characteristics and finishes



Functional characteristics

- Suitable for wooden doors and metal doors
 - Used with American standard escape push bar
 - Lock function and normally open function can be set
 - As a handle
 - With 2 keys
- Suitable for STS11801, STS11802

Technical parameters

Cladding specifications: 210*48mm
 Applicable door thickness: 43-52mm/53-62mm, if it exceeds the range, it needs to be customized

Main material: 304 stainless steel
 Surface treatment: stainless steel brushed

Escape push bar door lock

Escape push bar door lock

Hotel Lock Series



Hotel lock selection instructions

system	door lock	Proximity card (order separately)	Card issuer (order separately)	Electric switch (order separately)	Collector (order separately)	Remarks
According to the hotel Scale selection	According to the hotel Scale selection	Each set of locks 3-5 cards	Various hotels Configuration 1-2	Each room Configure 1 (choose one of the following four)	Various hotels Configuration 1-2	Quantity can be based on reality Increase or decrease in international demand
T5557system	SGY42000			 		
	SGY22200			 		
	SGY12300			 		
		SGK65702	SFK65702	SKG65702 SKG65704	SCJ65702	
M1 system	SGY42000			 		
	SGY22200			 		
	SGY12300			 		
		SGK65002	SFK65002			
	SGY12400			 		
	SGY12500					
	SGY12600					Elevator controle
	SGK65003					
	SGY12700					
Apartment lock	M1ID standalone Apartment lock	SGK65001 SGK65002	-	-	-	High frequency M1 card

Hotel lock, smart safe deposit box



Feature introduction

- The guest room door has high use requirements. As the main accessory on the door, the hotel lock meets the requirements of comfort, beauty, scientific intelligence, safe use, property protection and effective management.
- The authorization card can be set independently for independent authorization.
- Optional all in one card system or T57 system
- The data can be backed up, which is convenient for changing the computer and saving data
- With password retrieval function
- Super complete management cards (Master card, floor card, building card, multi door card, school time card, check-out card, lock body setting card, area card)
- Administrator assigned permission management
- Provide door management software and secondary interface function

Functional characteristics

- Power supply: 4 1.5V AA alkaline batteries (optional)
- Quiescent current: <50uA, dynamic current: <200mA
- Applicable door thickness: 38-50mm, please specify if it exceeds 50mm
- Under-voltage reminder: When the voltage is lower than 4.8V, the sound and light alarm reminder, at this time, the door can be opened 1000 times
- Unlocking records: More than 300 latest unlocking records can be stored in the door lock, including unlocking records for mechanical keys
- Working temperature: -25 °C - +60°C, working humidity: 15% - 95%RH
- Control method: M1 card or T5557 card, card reading distance: <3 cm, reading and writing time: <1 second
- Door opening direction: distinguish the opening direction of left inner, left outer, right inner and right outer. The opening direction cannot be adjusted
- Executive standard: JG/T 394-2012 "General Technical Requirements for Building Intelligent Door Locks"

Functional features

- Appearance: hidden key hole design, beautiful
- The sensor card can print the required pattern
- Provide hotel management software and third-party interface functions
- The authorization card can be set independently, lost and reset, and set into an authorization card through the master card
- The managed password can be retrieved by generating the verification code
- Administrators can assign permissions to each account
- It has most functions in the application of hotel management system.
- Card loss can be reported

The difference between RF57 system and M1system

RF57 system

RF57 system, using T5557 induction card, low frequency induction, induction card is used only for hotel lock settings and the electric switch of their role

M1 system

M1 system uses M1 or Mifare-1 S50 card, high frequency induction. There are 16 sectors in the proximity card. The hotel lock system occupies one sector. Other sectors can add other systems to form an organic whole. Such as the consumption system, access control management system, parking management system, entertainment management system, catering management system, and bus system are concentrated on one card. The hotel door lock management system is just one system in the card. Our company only provides hotel lock systems, and other systems are provided by other companies.

Note: When optional, the accessories of T57 system and card system cannot be mixed.

Hotel Lock Series

SGY12400

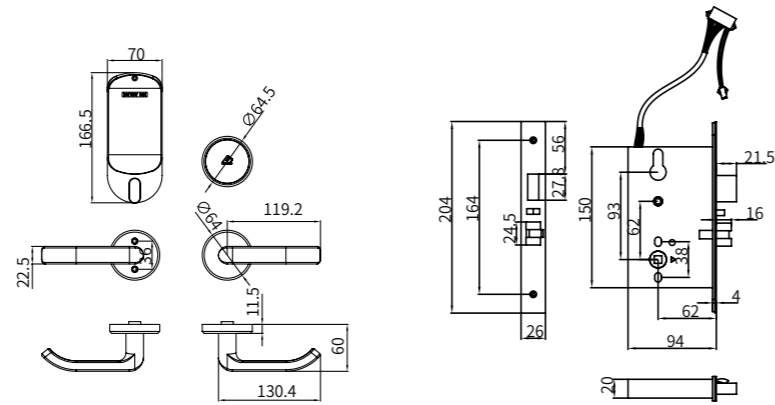
Hotel Lock



尺寸及饰面



stainless steel brushed



DST6293B

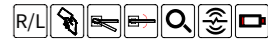
304 stainless steel
Surface treatment: brushed stainless steel, black
Standard lock body DST6293B
Distinguish the door direction
For product selection, please refer to the table on P105



Hotel Lock Series

SGY12600

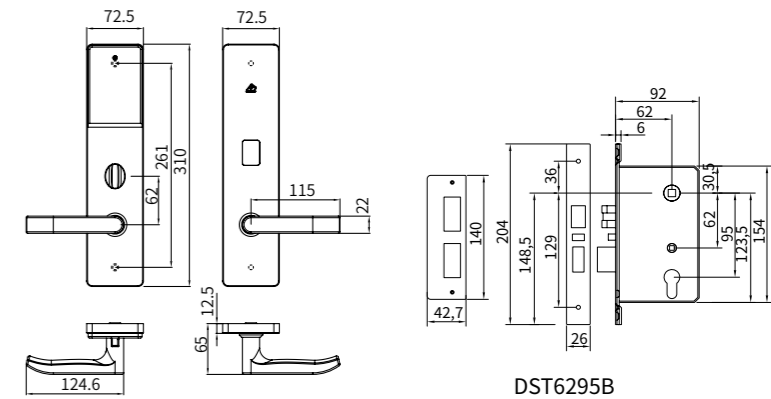
Hotel Lock



尺寸及饰面



stainless steel brushed



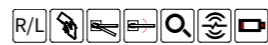
DST6295B

Stainless steel
Surface treatment: brushed stainless steel, black
Standard lock body DST6295B
Distinguish the door direction
For product selection, please refer to the table on P105

Hotel door lock

SGY12500

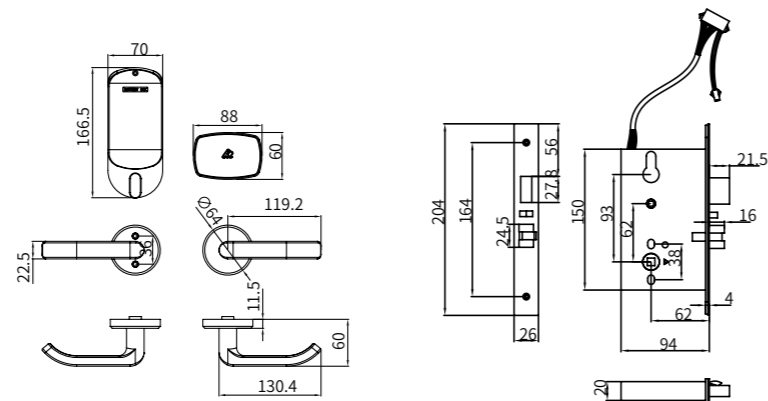
Hotel Lock



尺寸及饰面



stainless steel brushed



DST6293B

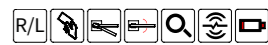
304 stainless steel
Surface treatment: brushed stainless steel, black
Standard lock body DST6293B
Distinguish the door direction
For product selection, please refer to the table on P103



Hotel door lock

SGY12700

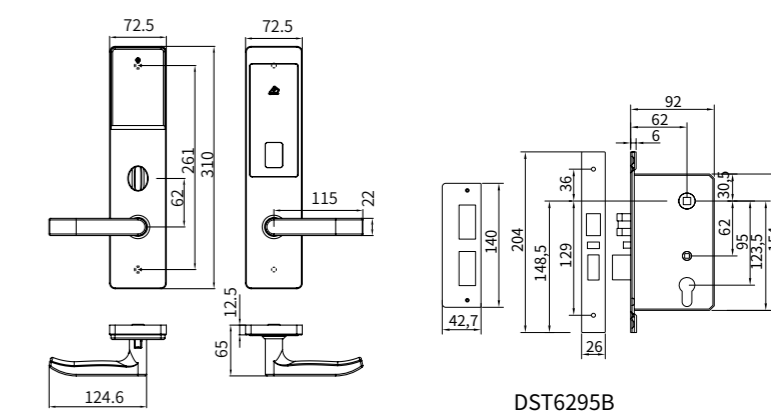
Hotel Lock



尺寸及饰面



black



DST6295B

Stainless steel
Surface treatment: brushed stainless steel, black
Standard lock body DST6295B
Distinguish the door direction
For product selection, please refer to the table on P105

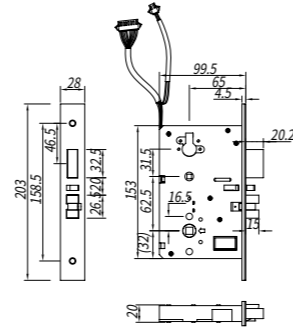
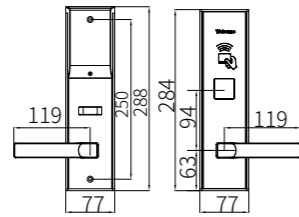
Hotel Lock Series

SGY42000 Hotel Lock



Size and finish

Aluminum alloy
With DST6594B lock body



Golden



DST6594B lock body

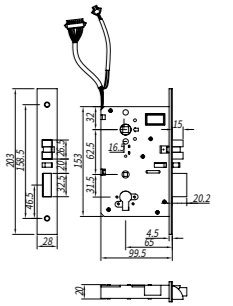
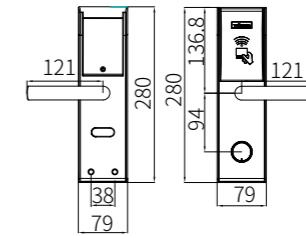
Hotel Lock Series

SGY12300 Hotel Lock



Size and finish

304 Stainless steel
With DST6594A lock body



Golden



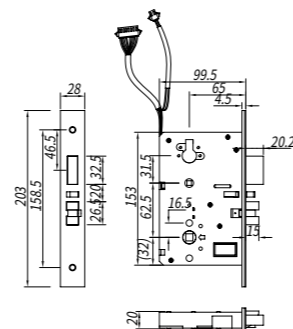
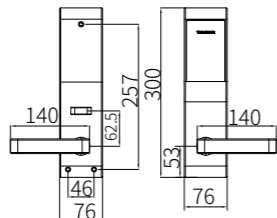
DST6594A lock body

SGY22200 Hotel Lock



Size and finish

Zinc alloy
With DST6594B lock body



Golden



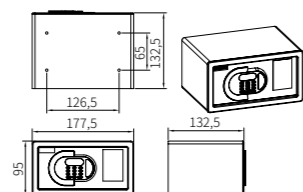
DST6594B lock body

Intelligent safe deposit box



SZN41000 Intelligent safe deposit box

Dimensions



Applicable M1system door lock::
SGY42000、SGY12300
SGY22200、SGY22400

Functional characteristics

- It has passed the test of the enterprise standard Q / JL 03-2019 intelligent safe deposit box for hotels
- Applicable to hotels, etc
- User independent management function, high security, sub authorization management, etc
- The hotel lock card is shared with the safe deposit box card to realize the opening and closing of the induction card
- One click reset function, safe deposit box batch operation, low voltage alarm, APP management function, operation function customization

Technical parameters

- Working voltage DC 6V; 4 1.5V alkaline AA batteries (No. 5)
- Alarm voltage \leq 4.8V
- Emergency power supply 5V Micro-USB
- Working environment Working temperature -20°C~ 85°C
- Types of passwords One group of management, ten groups of waiter users
- Password format 4-6 digits
- Maximum static power consumption \leq 100uA
- Maximum dynamic power consumption <300mA
- Working humidity 95%RH non-condensing
- Surface treatment: black
- Main material: Q235

Standard configuration

Hotel smart safe deposit box	1pcs	Cotton gasket	1pcs
Cross lock key	1pcs	ST4.0 cross recessed tapping screws	8pcs
ST3.0 cross recessed tapping screws	2pcs	1.5V alkaline 5# battery	2pcs
flat washers	8pcs		

Matching products

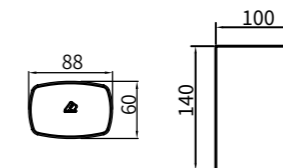
Name	Induction card(share one card with hotel lock)	
Model	SGK65002	
Appearance		
Page number	P117	

Hotel lock accessories series



SKZ65001 Elevator controle

Dimensions



Applicable to the following door locks:
SGY12400、SGY12500
SGY12600、SGY12700

Functional characteristics

- The elevator controller is composed of reading head, control board and layered control module
- Distinguish between standard mode and floor control mode. Please pay attention to the distinction when placing an order
- Floor control mode, need to distinguish auto floor selection and manual floor selection:
- Automatic floor selection: swipe the guest card, and you can go directly to the floor without pressing the floor key; You can choose any floor by hand by swiping other door opening cards
- Manual floor selection: by swiping the guest card, you can manually select the designated floor. For other door opening cards, you can manually select any floor
- A floor control module can control up to 8 floors, and each additional module can add 8 floors (re inquiry)
- DC 12V input, 24V or other power supply is not allowed

Technical parameters

- Card reading type: all in one card Mifare S50
- Card reading distance: 2 ~ 5cm
- Working voltage: DC 12V
- Working current: 1A
- Operating temperature: 0 ~ 60 °C
- Working humidity: 15 ~ 85% RH
- Card reading head material: stainless steel

State

Elevator controle	Standard mode	Floor control mode
Model	SKZ65001	SKZ65002
Configuration	Reading head + control board	(Reading head + control board) + 1 layered control module
Function	Use within the valid time. You can choose any floor after swiping the card	Use it within the effective time. After swiping the card, manually or automatically go to the floor where the door card customer is located
Control floor	Unlimited	8th floor For each additional layered control module, 8 floors will be added, with a maximum of 32 floors
Installation position	Reading head: installed on the outside of the elevator to facilitate card swiping; Control board: installed inside the elevator and connected with the elevator line; Floor control module: installed inside the elevator and connected with the elevator line;	
Business card printing mode	In the door lock system, one-time business card printing, first floor room setting card and time setting card. When in use, the same door opening card as the hotel door lock is valid within the specified time.	

Hotel lock accessories series-Card issuer



SFK65702 Card issuer (T57 system)

Functional characteristics

- Suitable for reading and writing T5557 cards with 125KHz frequency
- Must be used with "hotel door lock management system" software
- Read and write smart cards through radio frequency non-contact mode
- Connect to computer via USB serial port and operate via computer
- Used for card authorization and card cancellation

Technical parameters

- Working voltage: 5VDC (USB port power supply)
- Working current: <200mA
- Operating distance: <90mm
- Communication method: RS232/USB
- Operating frequency: 125kHz

SFK65002 Card Issuer (M1System)

Functional characteristics

- Suitable for reading and writing of high frequency card (Mifare-1)
 - Must be used with "hotel door lock management system" software
 - Read and write smart cards through radio frequency non-contact mode
 - Connect to computer via USB serial port and operate via computer
 - Used for card authorization and card cancellation
- Differentiate the use of models (see P105)

Technical parameters

- Working voltage: 5VDC (USB port power supply)
- Working current: <200mA
- Operating distance: <90mm
- Communication method: RS232/USB
- Operating frequency: 13.56MHz

SFK65003 Card Issuer (M1System)

Functional characteristics

- Suitable for reading and writing of high frequency card (Mifare-1)
 - Must be used with "hotel door lock management system" software
 - Read and write smart cards through radio frequency non-contact mode
 - Connect to computer via USB serial port and operate via computer
 - Used for card authorization and card cancellation
- Differentiate the use of models (see P105)

Technical parameters

- Working voltage: 5VDC (USB port power supply)
- Working current: <200mA
- Operating distance: <90mm
- Communication method: RS232/USB
- Operating frequency: 13.56MHz

Hotel lock accessories series-Data collector/Data Acquisition Card



SCJ65702 Data collector (T57 system)

Functional characteristics

- Suitable for data collection of T5557 card hotel lock
- Must be used with "hotel door lock management system" software
- Connect to computer via USB serial port and operate via computer
- Data extraction via radio frequency non-contact method
- Used to collect the latest 990 door opening records of hotel locks
- The red light flashes when collecting, and the sound and light prompt after completion

Technical parameters

- Working voltage: DC6V (4 1.5V AAA batteries)
- Operating distance: <90mm
- Reading time: 30S
- Operating frequency: 125kHz

SCJ65001 Data Acquisition Card (M1System)

Functional characteristics

- Suitable for M1 system
 - Suitable for collecting the latest 380 door opening records of hotel locks
 - Connect to computer through card issuer
- Applicable to the following door locks:
SGY42000、SGY22200、SGY12300

Technical parameters

SCJ65002 Data Acquisition Card (M1System)

Functional characteristics

- Suitable for M1 system
 - Suitable for collecting the latest 380 door opening records of hotel locks
 - Connect to computer through card issuer
- Applicable to the following door locks:
SGY12400、SGY12500
SGY12600、SGY12700

Technical parameters

Hotel door lock

Electric switch series



SKG65701



SKG65702

Electric switch(T57)

Functional characteristics

- Applicable to T5557 card hotel lock system to take power
- Used for induction card to get electricity
- After the card is pulled out, the power will be turned off after a delay of 8-15 seconds to ensure energy saving and safety
- Power access method: smart detection type (check whether the card is a T5557 card)

Technical parameters

- Main material: flame retardant PC
- Dimensions: 86 × 86 × 50mm, can be installed in a standard 86 bottom box
- Working voltage: 220V
- Working current: 30A
- Working mode: electromagnetic induction, red light indicates when not working
- Working frequency: 125KHz
- Wiring mode: live wire input, output, neutral wire

Electric switch series



SKG65703



SKG65704

Electric switch(T57)

Functional characteristics

- Applicable to T5557 card hotel lock system to take power
- Used for induction card to get electricity
- After the card is pulled out, the power will be turned off after a delay of 8-15 seconds to ensure energy saving and safety
- Power access method: smart detection type (check whether the card is a T5557 card)

Technical parameters

- Main material: flame retardant PC
- Dimensions: 86 × 86 × 50mm, can be installed in a standard 86 bottom box
- Working voltage: 220V
- Working current: 30A
- Working mode: electromagnetic induction, red light indicates when not working
- Working frequency: 125KHz
- Wiring mode: live wire input, output, neutral wire

Electric switch(M1 system)

Functional characteristics

- Applicable to M1 card hotel lock system to take power
- Used for induction card to get electricity
- After the card is pulled out, the power will be turned off after a delay of 8-15 seconds to ensure energy saving and safety
- Power access method: smart detection type (check whether the card is an M1 card)

Technical parameters

- Main material: flame retardant PC
- Dimensions: 86 × 86 × 50mm, can be installed in a standard 86 bottom box
- Working voltage: 220V
- Working current: 30A
- Working mode: electromagnetic induction, red light indicates when not working
- Working frequency: 13.56MHz
- Wiring mode: live wire input, output, neutral wire



SKG65001



SKG65002



SKG65003



SKG65004

Electric switch(M1 system)

Functional characteristics

- Applicable to M1 card hotel lock system to take power
- Used for induction card to get electricity
- After the card is pulled out, the power will be turned off after a delay of 8-15 seconds to ensure energy saving and safety
- Power access method: smart detection type (check whether the card is an M1 card)

Technical parameters

- Main material: flame retardant PC
- Dimensions: 86 × 86 × 50mm, can be installed in a standard 86 bottom box
- Working voltage: 220V
- Working current: 30A
- Working mode: electromagnetic induction, red light indicates when not working
- Working frequency: 13.56MHz
- Wiring mode: live wire input, output, neutral wire

Proximity card



SGK65702 Proximity card (Note: Cannot replace SGK65701)

Functional characteristics

- Suitable for T5557 card hotel lock opening
- Readable, writable, and encryptable
- Non-contact proximity card,
- Anti-collision mechanism
- Proximity card pattern upgrade

Technical parameters

- Technical specifications: American ATMEL T5557 proximity card
- Storage capacity: 330bits, 10 partitions, 8-bit password 32 bytes
- Reading distance: 0-50mm
- Data retention period: > 10 years
- Operating frequency: 125KHz
- Erase and write life:> 100,000 times
- Communication rate: 106Kbps
- Dimensions: ISO standard card 85.6x54x0.82

Indoor door Smart Lock Series



Hotel door lock



SGK65002 Proximity card (Note: Cannot replace SGK65001)

Functional characteristics

- It is suitable for opening the hotel lock of M1 card, and has M1function
- Readable, writable, and encryptable
- Non-contact proximity card
- Anti-collision mechanism
- Proximity card pattern upgrade

Technical parameters

- Technical specifications: Philips Mifare-1 S50 proximity card
- Storage capacity: 1K bytes, 16 partitions, 4 blocks per block, 16 bytes per block
- Reading distance: 0-100mm
- Data retention period: > 10 years
- Operating frequency: 13.56MHz
- Erase and write life:> 100,000 times
- Communication rate: 106Kbps
- Dimensions: ISO standard card 85.6x54x0.82

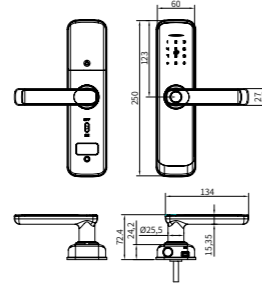
Indoor door Smart Lock



SZN72000 Indoor door Smart Lock



Dimensions



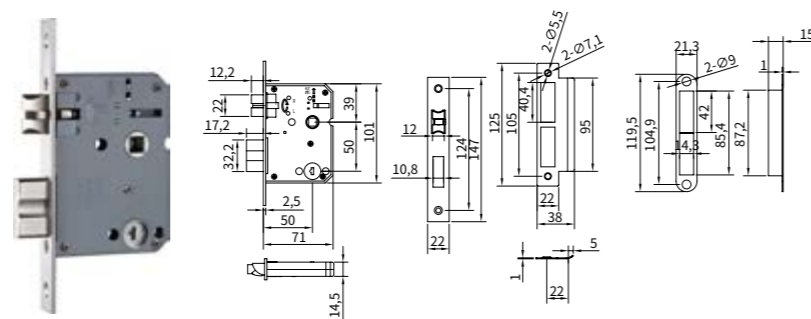
Functional characteristics

- It meets the standard requirements of JG / T394-2012 general technical conditions for building intelligent door locks
- Suitable for indoor doors and other occasions
- Fingerprint quick opening, multiple unlocking methods (fingerprint, card, key password, mechanical key)
- Three level user management, fingerprint sensor, reverse lift locking, free handle, intelligent touch screen
- Anti peeping floating password input, battery low-voltage alarm function, external power supply emergency unlocking, anti prying alarm function
- Left and right (left and right adjustable)

Technical parameters

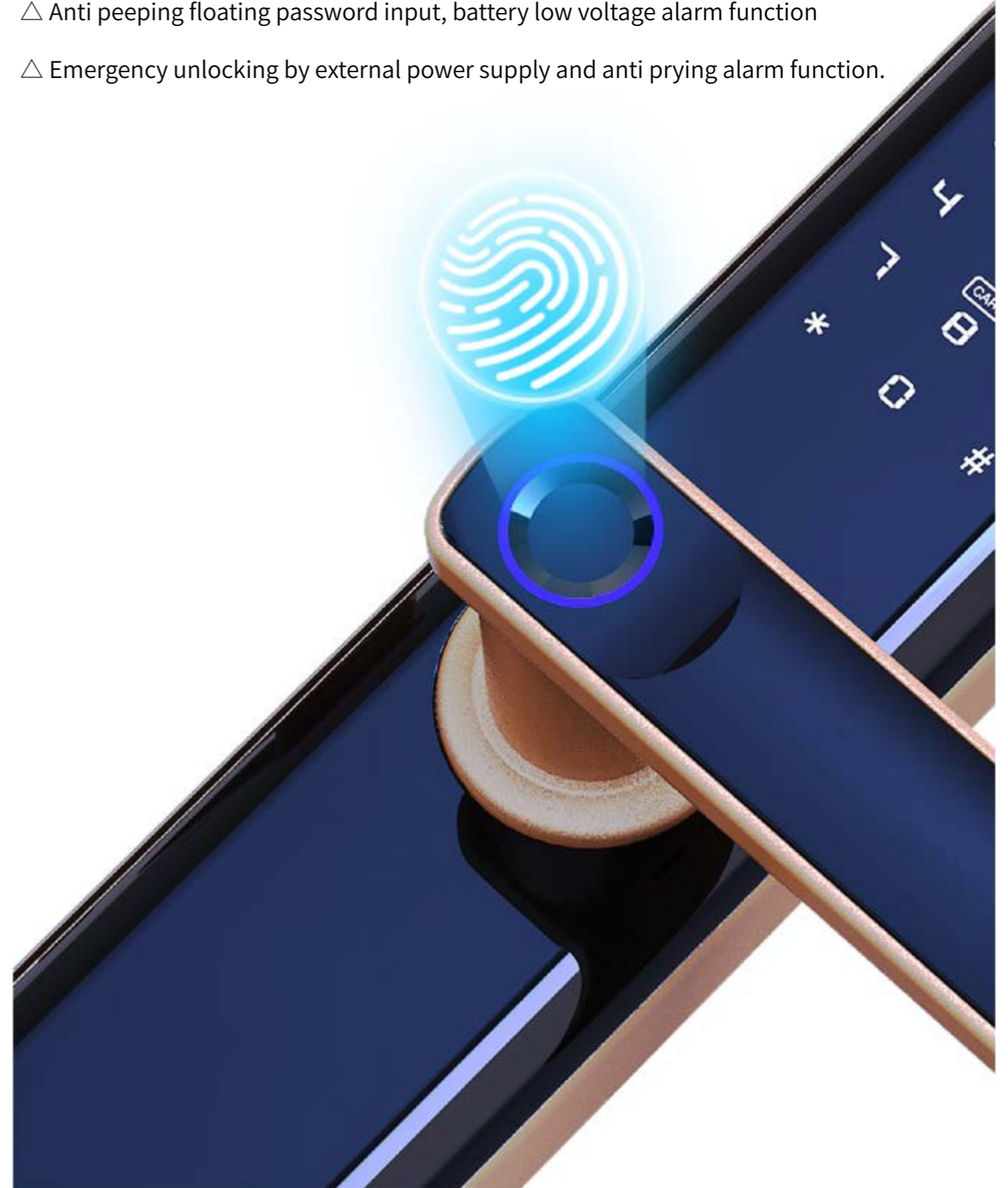
- | | |
|---|---|
| · Main material: aluminum alloy | · Operating temperature: - 25 °C ~ + 65 °C |
| · Fingerprint capacity: 100 | · Relative humidity: 0 ~ 85% RH (no condensation) |
| · Total capacity of password + sensor card: 300 | · Rejection rate FRR: ≤ 1% |
| · Working voltage: input: DC4 0V~7V | · False recognition rate far: ≤ 0.001% |
| · Power supply mode: four 1.5V AAA alkaline batteries | · Fingerprint head type: Semiconductor |
| · Emergency power structure: 5V Micro USB | · Antistatic capacity: air 15KV / contact 8KV |
| · Working voltage: 4V ~ 7V | · Store door opening records: 1000 |
| · Alarm voltage: ≤ 4.8V | · Surface treatment: spray treatment, black, champagne gold |
| · Battery life: more than 3000 times in normal state | · Applicable door thickness: 38-55mm |
| · Static current: ≤ 50Ua | · Center distance: 50 mm |
| · Dynamic current: ≤ 300Ma | · Hole center distance: 50 mm |
| · Fingerprint head resolution: 508dpi | |
| · Response time: < 1s | |

Lock body parameters



ST5050Z

- △ Fingerprint quick opening, multiple unlocking methods
- △ Reverse lift lock, free handle, intelligent touch screen
- △ Anti peeping floating password input, battery low voltage alarm function
- △ Emergency unlocking by external power supply and anti prying alarm function.



Profile Door Smart Lock Series



Profile door smart lock configuration instructions



Single open profile door



Double open profile door

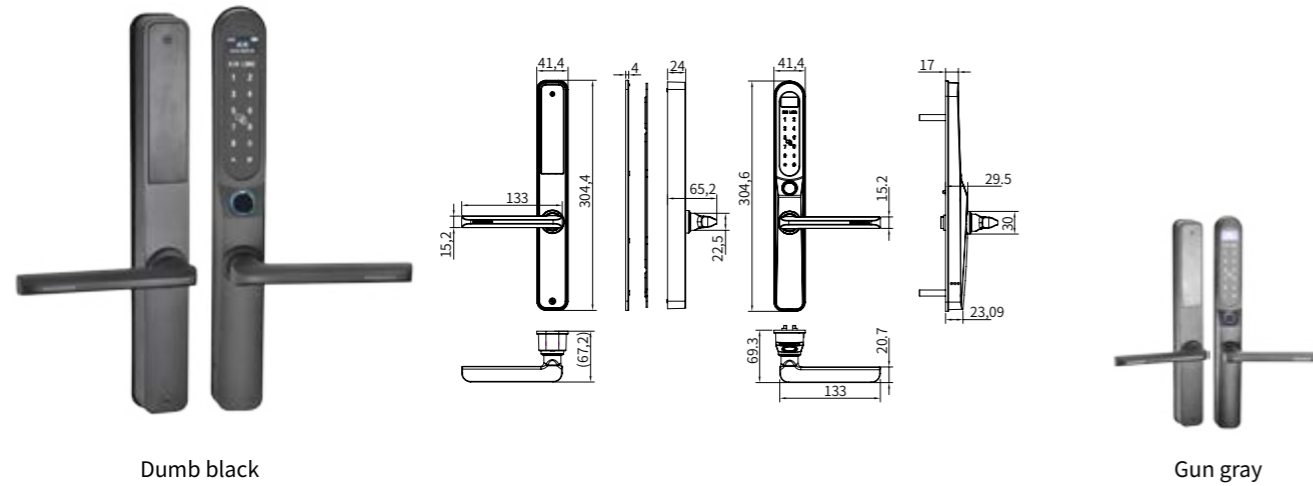


Wooden door

NO.	①	②	③	④
Name	Profile Door Smart Lock	Hinge	Latch	Dustproof tube

- ☞ Lift locking function
- ☞ Ergonomic design, pressing the fingerprint and pressing the hand in one action, the operation is more convenient
- ☞ USB emergency power supply, when the battery is dead and you forget to change the battery, you can use this to supply power. The Micro USB cable is an Android data cable, and the external power bank is connected.
- ☞ Mechanical lock cylinder unlock function, emergency key to open the door
- ☞ Touch to wake up the password, touch input, wake up simple and technological touch input
- ☞ Trial to turn on the alarm; when the fingerprint/password/card is entered incorrectly for 5 consecutive times, the screen will be locked for 3 minutes
- ☞ Low voltage alarm; automatic reminder when the battery is low, it can be used 100 times after reminding, please replace the battery
- ☞ Anti-pry alarm: It will be automatically opened when locked or damaged by external force to ensure safety
- ☞ Adapt to door thickness: 35-100mm

Profile Door Smart Lock SZN51000



Dumb black

Gun gray

Application Introduction

Profile door smart locks are used in special doors for villa sunrooms, thermal insulation aluminum doors, plastic steel doors, KFC doors and other fields. KinLong profile door smart lock adopts the lock body design of all-steel parts, according to the requirements of commercial products. The structure has been strengthened to make it stronger and more adaptable to harsh environments. The implementation standard: "Profile Door Smart Lock" (Q/JL05-2019).

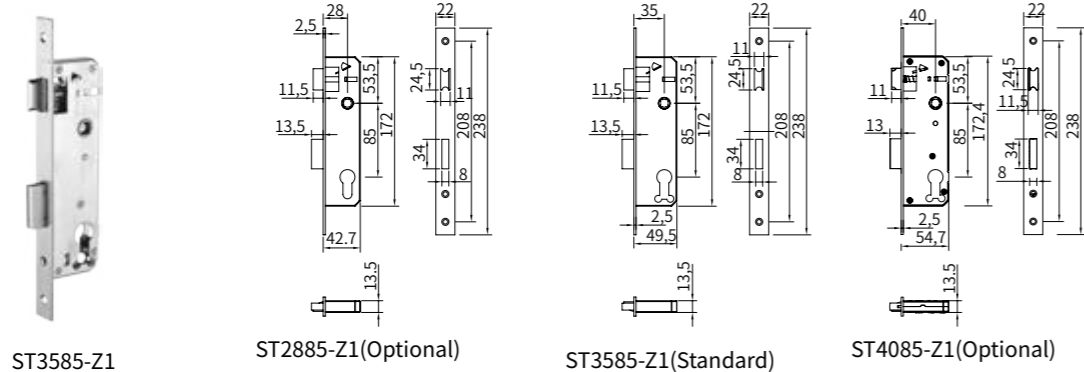
Functional characteristics

- Multiple unlocking functions (fingerprint, card, key password, mechanical key)
 - User self-management function
 - Anti-peeping floating password input technology
 - Control system forced one-key reset function
 - Anti-lift lock function
 - Battery low voltage alarm function, tamper-proof alarm function
 - Full voice broadcast
 - Emergency unlocking by external power supply
 - No need to distinguish left and right (adjustable left and right)
 - Escape function, normally open function, combined door opening
- Lock body: ST2885-Z1/ST3585-Z1/ST4085-Z1
(According to the profile width, choose the appropriate lock body)
Center distance: 28/35/40mm
Hole center distance: 85mm
Adapt to door thickness: 35-100mm
Surface treatment: spray treatment, dumb black, gun gray

Technical parameters

- Fingerprint capacity: 50 pieces
- Password capacity: (6-12 digits) 50 pieces
- Induction card capacity: 50 pieces
- Mechanical keys: 2
- Working voltage: 4.5V-6.5V
- Alarm voltage: 4.8V
- Battery life: more than 10,000 times in normal state
- Emergency power interface: 5VMicro-USB
- Quiescent current: $\leq 50\mu A$
- Dynamic current: $\leq 200mA$
- Fingerprint head resolution: 508dpi
- Response time: < 1 second
- Working temperature: $-20^{\circ}C \sim 70^{\circ}C$
- Relative humidity: 10%~95%
- FRR: $\leq 1\%$
- False recognition rate FAR: $\leq 0.001\%$

Lock Body



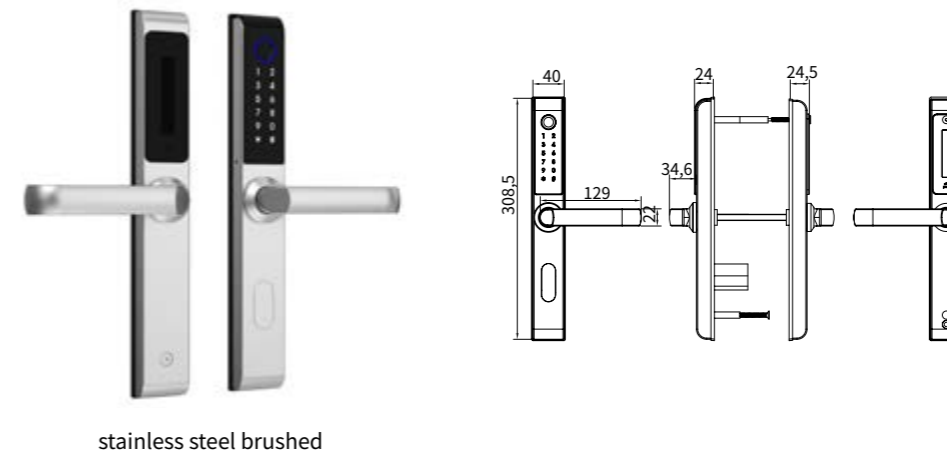
ST3585-Z1

ST2885-Z1(Optional)

ST3585-Z1(Standard)

ST4085-Z1(Optional)

Profile Door Smart Lock SZN15000



stainless steel brushed

Application Introduction

Profile door smart locks are used in special doors for villa sunrooms, thermal insulation aluminum doors, plastic steel doors, KFC doors and other fields. Kin Long profile door smart lock adopts the lock body design of all-steel parts, according to the requirements of commercial products. The structure has been strengthened to make it stronger and more adaptable to harsh environments. The implementation standard: "Profile Door Smart Lock" (Q/JL05-2019).

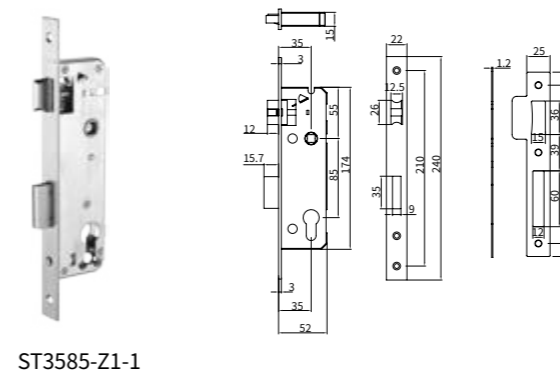
Functional features

- Multiple unlocking functions (fingerprint, card, key password, mechanical key)
- User independent management function
- User independent management function
- Control system forced one key reset function
- Reverse lift locking function
- Battery low voltage alarm function, anti prying alarm function
- Whole process voice broadcasting
- Emergency unlocking by external power supply
- No need to distinguish left and right (left and right adjustable)
- Escape function, normally open function, combined door opening
- Lock body: ST3585-Z1-1(Other lock bodies need to be customized)
- Center distance: 28 / 35 / 40 mm
- Hole center distance: 85 mm
- Applicable door thickness: 38-55mm
- Surface treatment: stainless steel satin
- Black titanium satin (customized)
- PVD satin gold (customized)

Technical parameter

- Fingerprint capacity: 100
- Capacity of password and sensor card: 300
- Working voltage: INPUT: DC4 0V~7V
- Emergency power structure: 5VMicro USB
- Working voltage: 4V ~ 7V
- Alarm voltage: $\leq 4.8V$
- Battery life: more than 3000 times in normal state
- Power supply mode: four 1.5V AAA alkaline batteries
- Static current: $\leq 50\mu A$
- Dynamic current: $\leq 200mA$
- Fingerprint head resolution: 508dpi
- Response time: $< 1s$
- Operating temperature: $-25^{\circ}C \sim 65^{\circ}C$
- Relative humidity: 0% ~ 85%
- Rejection rate FRR: $\leq 1\%$
- False recognition rate far: $\leq 0.001\%$
- Fingerprint type: semiconductor head
- Antistatic capacity: air 15kV / contact 8KV
- Store door opening records: 1000

Lock body



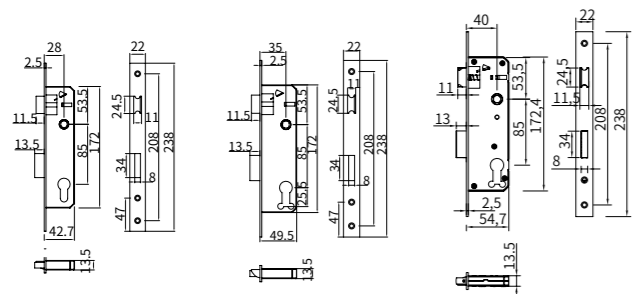
ST3585-Z1-1

Profile Door Mechanical Lock Series (ST3585-Z2/ST2885-Z2/ST4085-Z2)



Lock body

Applicable profile doors, steel or wood, etc.
Used in offices, balconies, shopping malls and other places
Solid anti-saw lock tongue, oblique tongue is adjustable
Handle can open oblique tongue
When closed, the outer key and inner knob can open the square tongue
Three specifications of lock body are optional



ST2885-Z2(Optional) ST3585-Z2(Standard) ST4085-Z2(Optional)

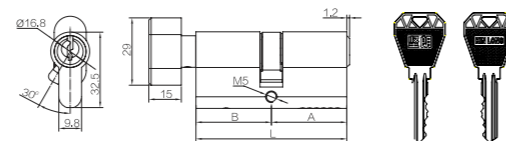


SX-003 Lock Cylinder

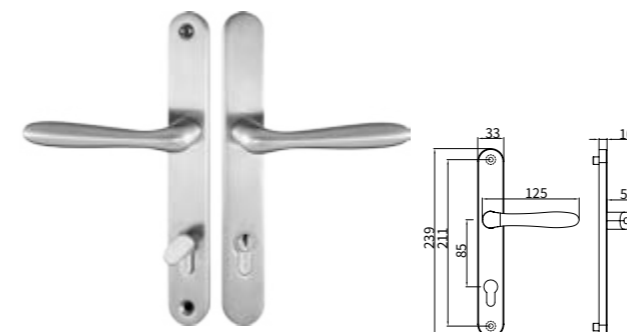
Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
Suitable for steel or wooden doors
Single row flat slot 6 beads lock cylinder
Available with double side keys and one side key one side knob
With 3 keys

Total length L	Outer end A	Inner end B
65	32.5	32.5
70	35	35
75	37.5	37.5
80	40	40

Other specifications can be customized



Profile Door Mechanical Lock



Stainless steel brushed SS

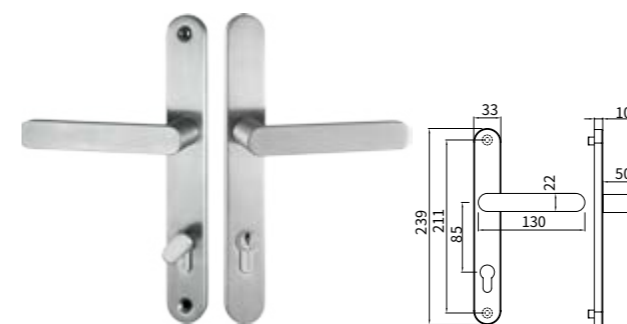
SXC10501 Profile Door Mechanical Lock



PVD brushed gold P7



Matte black BN



Stainless steel brushed SS

SXC10502 Profile Door Mechanical Lock



PVD brushed gold P7



Matte black BN

Function characteristics

Passed the Q/JL 17-2018 "Swing Door Auxiliary General Hardware Accessories" test

Applicable to indoor doors or entrance doors in public and commercial buildings and residential buildings

Used in offices, balconies, shopping malls and other places

Solid anti-saw lock tongue, oblique tongue is adjustable

Three specifications of lock body are optional

Don't distinguish left and right, distinguish between wooden door and steel door lock plate

Bathroom lock cylinder can be selected according to the application

Technical parameters

Door margin distance: 28/35/40mm

Hole center distance: 85mm

Applicable door thickness: above 45mm

Standard door thickness: 45-50mm

(centered installation)

Parts beyond the thickness of the door

should be customized

Square steel size: 8×8×L

Material & Surface treatment

Handle: 304 Stainless steel

Cladding: 304 Stainless steel

Mounting screws: Stainless steel

Surface treatment: Stainless steel

brushed SS

Matte black BN

PVD brushed gold P7

Precautions for customization and order

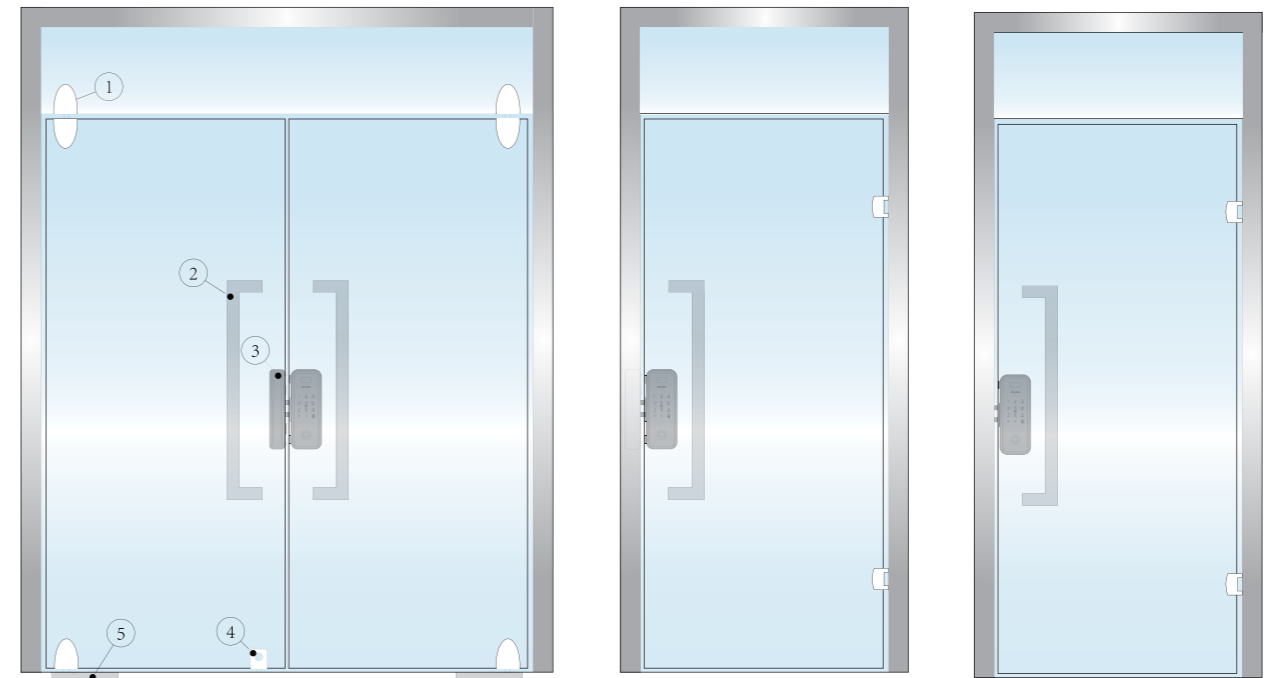
1. The handle cover plates in the series can be matched with each other
2. For surface treatment customization, please refer to the product page
3. If you exceed the standard door thickness range, you need to customize non-standard lock plate and other accessories
4. The eccentric lock cylinder and non-standard lock plate need to be customized for the non-flat door
5. The external handle can be used for fixing, and the order can be placed on demand when ordering
6. When placing an order, you need to provide information such as door material, door thickness, flat or not, surface treatment, configuration table, etc.
7. The size and shape of the lock panel can be customized
8. Bathroom locks and fake locks, order on demand
9. The configuration table and non-standard drawings need to provide signature files

Description:

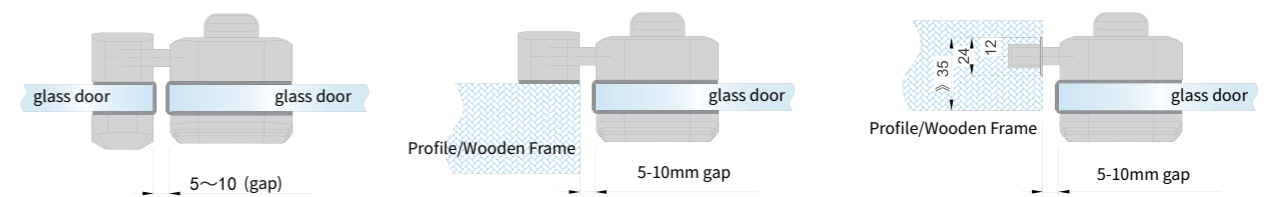
Distinguish between wooden door lock body and steel door lock body (for profile doors).

Glass Door Lock Series

Introduction to glass door smart lock configuration



NO.	①	②	③	④	⑤
Name	Glass patch	Handle	Glass door smart lock	Glass Door Latch	Floor Hinge
Dept	Door Control	Door Control	Lock hardware Dept	Door Control	Floor hinge&Door closer



SZN23000
SZN23100

SZN23001
SZN23101

SZN23002
SZN23102

- ☞ Suitable for casement glass doors, glass thickness 10~12mm
- ☞ No need to cut glass
- ☞ The lock body and the cover plate are integrated structure to distinguish the left and right directions
- ☞ Multiple unlocking functions (fingerprint, card, key password)
- ☞ Anti-peeping floating password input technology
- ☞ Full voice broadcast, low battery alarm function
- ☞ Doorbell, one-key lock, emergency power, control system forced one-key reset and other functions
- ☞ Appearance color: black
- ☞ Suitable for glass single-leaf or double-leaf doors, glass door latch must be installed on double-leaf doors

玻璃门锁

Glass Door Smart Lock

Function characteristics

Passed the enterprise standard Q/JLSY01-2018 "General Technical Requirements for Smart Locks for Glass Doors" 100,000 life test
 Fast recognition: Advanced technology semiconductor fingerprint device, false recognition rate <0.0001%, false rejection rate <1%, fingerprint recognition >0.3 seconds
 Anti-peeping password input: you can enter a fake password (<12 digits) before and after the correct password, intelligently identify the correct password, and prevent outsiders from peeping
 Twenty thousand unlocking records: powerful security system storage space, you can check nearly 20,000 unlocking records, and automatically cover forward when the capacity limit is reached
 Low power consumption and energy saving: 4 1.5V "AA" alkaline batteries power supply, quiescent current <55μA, dynamic ≤ 200mA, automatic sleep and power saving when no operation
 Convenient installation without openings: the unique design of clamping and pressing, eliminating the complicated installation of punching wiring, can be easily installed with a screwdriver,
 Reduce the risk of damage to the door leaf, while reducing installation costs
 Optional with attendance function (large screen), attendance function (on and off work attendance records, reports can be output), only SZN23100
 Bio-semiconductor fingerprint head

Technical parameters

Language support: Chinese / English system	Working voltage: 4.5V~6.5V
Menu display: OLED 0.96 display, hierarchical management menu	Response time: <1 second
Unlocking method: fingerprint, password, swipe card	Working humidity: -25°C ~70°C
Fingerprint capacity: 200 pieces in total	Relative humidity: 20%~95%
Password capacity: 1000 groups in total	Antistatic ability: air 15KV/ contact/8KV
Induction card capacity: 1,000 groups in total	Door opening records: 1000
User support: 1 administrator + 99 users	Surface treatment: black
Collector: Bio-semiconductor fingerprint head	
Card reader type: IC card	
Applicable door thickness: 10-12mm	

Unlock method

Fingerprint unlocking: using high-precision fingerprint acquisition module, DSP processor, fast identification, safe, fast and comfortable
 Password unlocking: Intelligent anti-peeping password input identification system, "fake password" + "true password" + "fake password" can intelligently identify and unlock (<12 digits)
 Swipe to unlock: strong compatible magnetic card recognition, support IC card

Application field

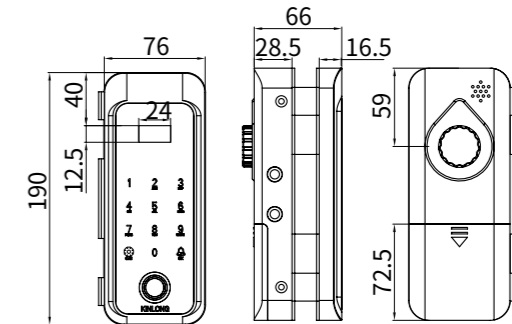
Applicable to office buildings, real estate, banks: the glass door smart lock can be identified by fingerprints, and then the fingerprint information of the office personnel is separated through the computer chip Stored in the chip.
 Applicable to the community: only through the fingerprint or card of the authorized personnel can the access door be opened and entered to ensure the safety of the owner. At the same time it has a password unlock function,
 Supports adding dummy bits when entering the password to prevent being recorded by prying eyes

Glass Door Smart Lock

SZN23000 Glass Door Smart Lock



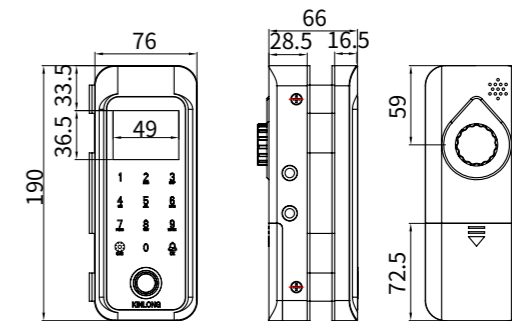
Size and finish



SZN23100 Smart lock for glass door (with attendance)



Size and finish



Glass door mechanical lock



Glass door mechanical lock

Functional characteristics and parameters

- Pass the industry standard JG/T326-2011 test
- Suitable for casement glass single door or double door without distinguishing the door direction
- The indoor/outdoor handles can be locked quickly, which is convenient and quick. Indoor / outdoor knob / key open
- The lock body and the cover are integrated structure, the square tongue two-way anti-pry hook, bilateral gap compensation, mute and other functions
- Suitable for single-open frameless glass doors, glass thickness 10~12mm
- The gourd lock cylinder is made of brass, flat groove double row 4 bead structure, with 3 keys
- The handle and the cover plate adopt a threaded connection design, and a one-way (upward) rotation structure, which effectively prevents the handle from loosening and sagging
- The product design is novel, the appearance is simple and fashionable, the structure function is the first in the industry, and a number of patents
- Locking function and bathroom function optional

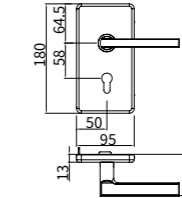
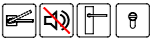
Technical parameters

Handle: 304 Stainless steel
 Cladding: 304 Stainless steel
 Mounting screws: high quality steel
 Surface treatment:
 Stainless steel brushed SS
 Stainless steel brushed+ Mirror SC

Door margin distance: 50mm
 Hole center distance: 58mm
 Applicable door thickness: 10-12mm
 Square steel size: 8×8×L

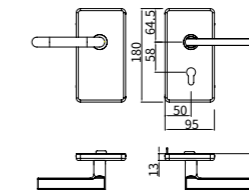
Glass door mechanical lock series

SBS101151



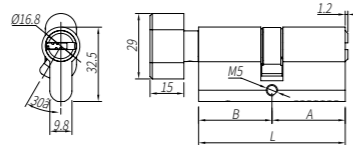
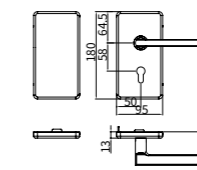
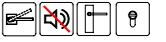
Stainless steel brushed+ Mirror SC

SBS101152



Stainless steel brushed+ Mirror SC

SBS101153



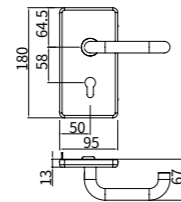
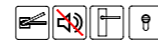
SX-002 Lock Cylinder

Complies with QB / T2474-2017 "Ferrule Door Lock" standard requirements
 Suitable for steel or wooden doors
 Single row flat slot 4 beads lock cylinder
 Available with double side keys and one side key one side knob
 With 3 keys



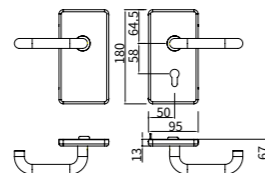
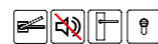
Glass door mechanical lock series

SBS101301



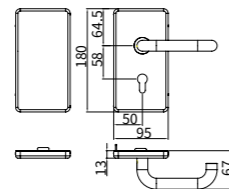
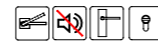
Stainless steel brushed+ Mirror SC

SBS101302



Stainless steel brushed+ Mirror SC

SBS101303



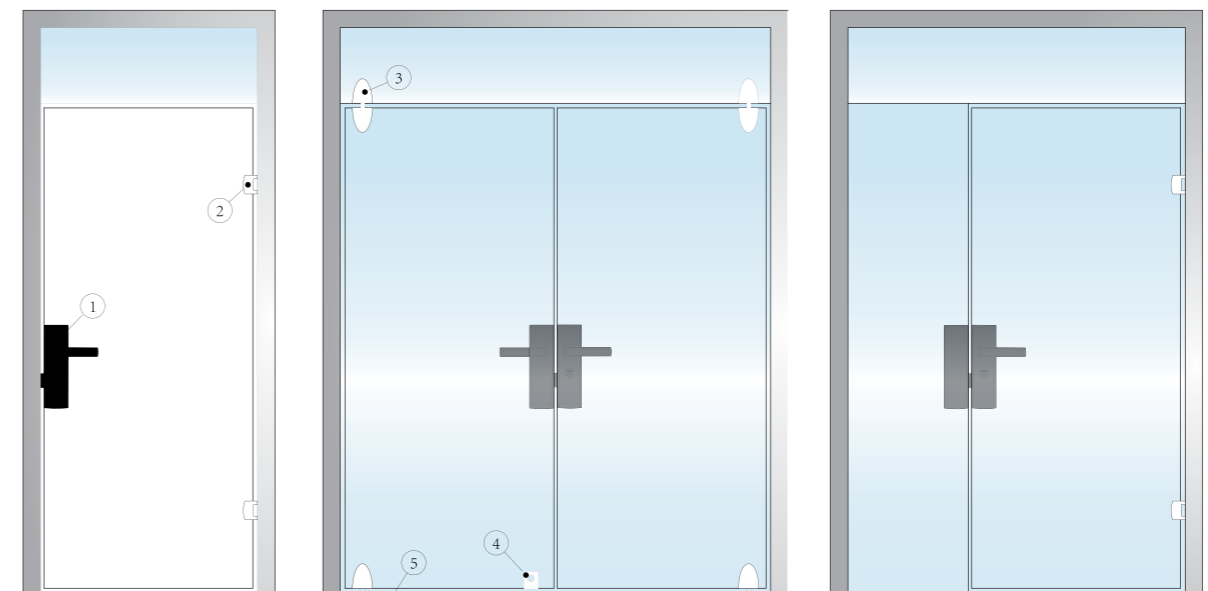
Stainless steel brushed+ Mirror SC

Glass door mechanical lock

Functional characteristics and parameters

- . Pass the industry standard JG/T326-2011 test
- . Suitable for casement glass single door or double door
- . The indoor/outdoor handles can be locked quickly, which is convenient and quick. Indoor/outdoor knob/key to open or lock
- . The lock body and the cover are integrated structure, the square tongue two-way anti-pry hook, bilateral gap compensation, mute and other functions
- . Suitable for single-open frameless glass doors, glass thickness 10 ~ 17mm
- . Lock head flat groove double row 8-ball structure, with 3 keys
- . The handle and the cover plate adopt a threaded connection design, and a one-way (upward) rotation structure, which effectively prevents the handle from loosening and sagging
- . The product design is novel, the appearance is simple and fashionable, the structure function is the first in the industry, and a number of patents
- . Locking function and bathroom function optional

- Handle: zinc alloy
- Cladding plate: Zinc alloy
- Mounting screws: high quality steel
- Surface treatment: brushed nickel + bright nickel NC
- Black bronze rubbing edge B5



Single glass door Sash : glass Frame : profile Double glass door Sash : glass Frame : glass Single glass door Sash : glass Frame : glass

NO.	①	②	③	④	⑤
Name	Glass patch	Handle	Glass door smart lock	Glass Door Latch	Floor Hinge
Dept	Door Control	Door Control	Lock hardware Dept	Door Control	Floor hinge&Door closer

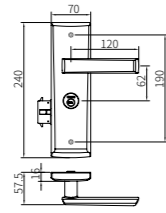


- Suitable for casement glass doors
- Applicable glass door thickness 10~17mm
- The lock body and the cover plate are integrated structure to distinguish the left and right directions
- Square tongue two-way anti-pry hook, bilateral gap compensation, mute and other functions
- Indoor and outdoor have quick-lock function
- Combination of handle and door function, no need to configure another handle
- Surface treatment: nickel brushed or black bronze rubbed edge
- Suitable for glass single-leaf or double-leaf doors, glass door latches must be installed on double-leaf doors

Glass door mechanical lock series

SBS1501R

Glass Door Lock



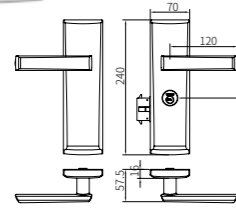
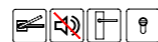
Brushed nickel + bright nickel NC



Black bronze rubbing edge B5

SBS1502R

Glass Door Lock



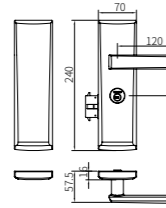
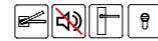
Brushed nickel + bright nickel NC



Black bronze rubbing edge B5

SBS1503R

Glass Door Lock



Brushed nickel + bright nickel NC



Black bronze rubbing edge B5

SX-004

Glass Door Lock Cylinder



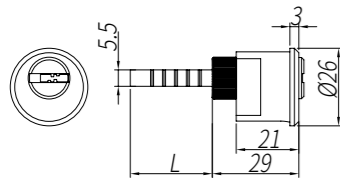
Comply with the standard requirements of QB/T2474-2017

Applicable glass door lock

Flat groove double row 8 ball lock cylinder

Belt drive strip, cut the drive strip according to the thickness of the door, suitable for door thickness 12-15mm

With 3 keys



Auxiliary door lock series





Auxiliary door lock series - Handle cladding



SYM21101



SYM21102



SGSS001



SFZ11202



SFZ11203



SGSS003



SFZ11207



SFZ11206



SFZ11204



SFZ11205



SFZ11208



SFZ11209

Features

It is applied to sliding doors, pipe well doors, passage doors, residential doors and other places, with simple structure and easy installation.

Sliding door lock - Zinc alloy handle cladding



SYM21101



SYM21102

Functional characteristics

- Passed the national standard GB 21556-2008 test
- Suitable for sliding doors, etc.
- Solid anti-saw bolt
- The door is opened and closed with a key, and the door is opened and closed with a travel button
- Hook tongue structure, don't distinguish left and right
- Bathroom lock cylinder can be selected according to the application

Technical parameters

Door margin distance: 35mm
 Applicable door thickness: 35-50mm
 Customized above 50mm

Cladding: Zinc alloy
 Mounting screws: Stainless steel
 Surface treatment:
 Brushed nickel SN
 Brushed gold SB

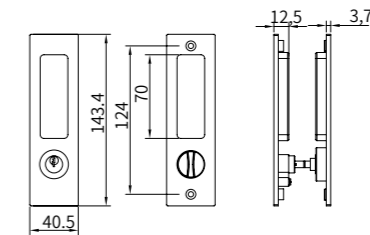
Standard matching

Category	Lock Body	Accessories		
		Name	Size	Quantity
Model	ST0035			
Material	The panel and gusset are both 304 stainless steel, and the bolt is zinc alloy	Lock plate		1
Size	Lock panel: 120×20	Internal and external connection screws		2
Appearance				
Page number	P183			

SYM21101 Sliding Door Lock



Dimensions and finishes

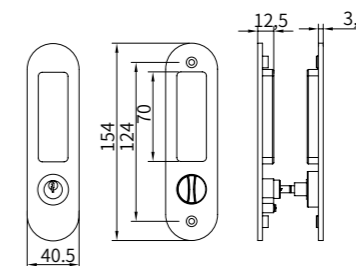


Brushed nickel SN

SYM21102 Sliding Door Lock



Dimensions and finishes



Brushed nickel SN

Sliding Door Lock

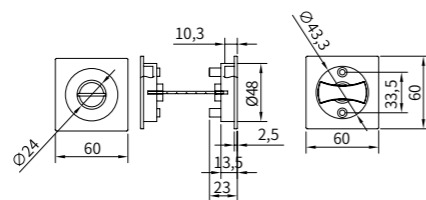
SYM21108 Split Sliding Door Lock



Dimensions and finishes



Brushed nickel SN



Matt blackBN

Function characteristics

- It has passed the national standard GB 21556-2008
- Applicable to bathroom sliding door, etc
- Single hook tongue lock body, no need to distinguish left and right
- Outdoor emergency opening
- ST0045 lock body

Technical parameters

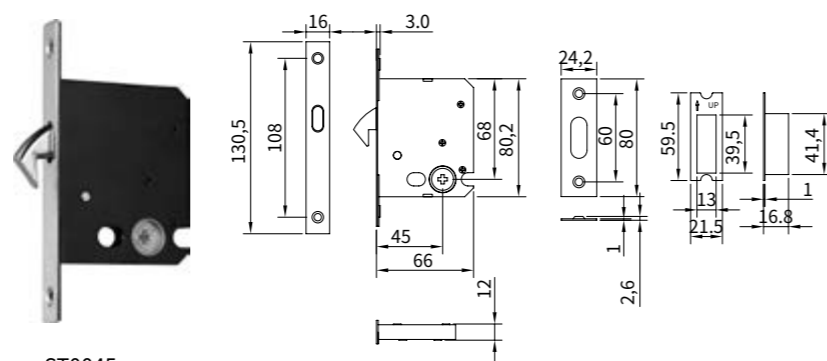
Cover ring: 60mm

Applicable door thickness: 40 - 55mm

Main material: zinc alloy

Surface treatment: satin nickel SN

Matt blackBN



ST0045

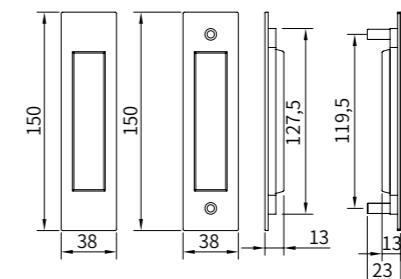


Brushed nickel SN

SYM21106 Sliding door handle



Dimensions and finishes



Matt blackBN

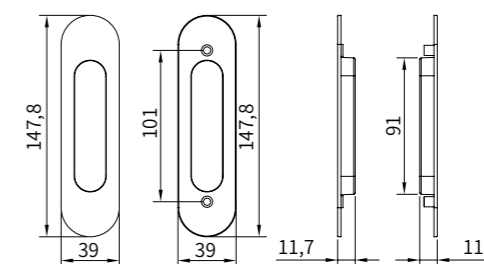
Function characteristics

- Applicable to sliding door, etc
 - Embedded handle
 - Easy to operate
- Main material: zinc alloy
Applicable door thickness: 38-50m
Surface treatment: Satin nickel SN
Matte black BN

SYM21107 Sliding door handle



Dimensions and finishes



Matt blackBN

Function characteristics

- Applicable to sliding door, etc
 - Embedded handle
 - Easy to operate
- Main material: zinc alloy
Applicable door thickness: 38-50m
Surface treatment: Satin nickel SN
Matte black BN



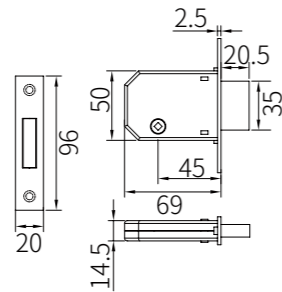
Brushed nickel SN

Tube Well Lock

SGSS001 Tube Well Lock (Fireproof lock)



Dimensions and finishes

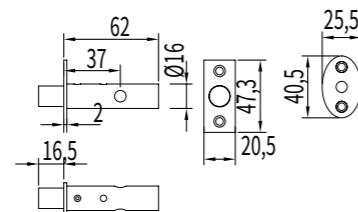


Door margin distance: 45mm
 Applicable door thickness: 35-60mm
 Main material: 304 Stainless steel
 Mounting screws: Stainless steel
 Surface treatment: Brushed nickel SN

- Passed the national standard GB 21556-2008 test
- Passed GB12955-2008 "Fire Door" anti-recording A1.5H fire resistance test
- Passed fire certification
- Suitable for pipe well doors, machine room doors, line doors, etc.
- The door is opened and closed with a key, a unified key for opening and closing
- 45D single tongue lock body, don't distinguish left and right

SFZ11202 Tube Well Lock

Dimensions and finishes



Door margin distance: 45mm
 Applicable door thickness: 35-60mm
 Main material: 304 Stainless steel
 Mounting screws: Stainless steel
 Surface treatment: Brushed nickel SN

- Passed the national standard GB 21556-2008 test
- Suitable for pipe well doors, machine room doors, line doors, etc.
- The door is opened and closed with a key, a unified key for opening and closing
- Single tongue structure, don't distinguish left and right

Tube Well Lock - Stainless steel cover ring



SGSS003



SSN12700



SLS13101

Technical parameters

Diameter of lock cylinder cover ring: 53.5mm
 Diameter of handle cover ring: 74mm
 Cover ring height: 8mm
 Applicable door thickness: 35mm or more

Material and surface treatment

Handle: 304 stainless steel
 Cover ring: 304 stainless steel
 Mounting screws: stainless steel
 Surface treatment: stainless steel brushed SS

Standard configuration

1 set of handle cover ring
 Lock body 1
 Lock core 1
 Installation accessories pack 1 pack
 Keys are matched to order

Matching product

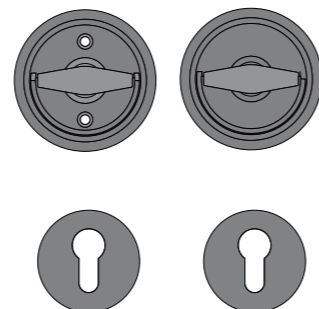
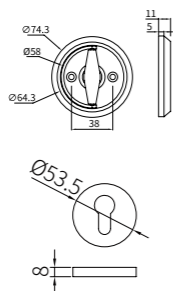
Category	Lock Body	Lock Cylinder	
Name	Tube well lock body	Single row bead S slot through lock cylinder	Flat groove half-through opening lock cylinder
Model	55D	SX- 003T	SX- 001T
Material	Panel, gusset, and lock tongue are all stainless steel	brass	brass
Size	Lock panel: 138×24	Determined according to door thickness	Determined according to door thickness
Features	Can be opened at any time indoors and outdoors	Single row of marbles, standard with open lock cylinder, Bathroom lock core, key management system	Single row of marbles
Appearance			
Page number			



SFZ11203 Tube Well Lock



Dimensions



Functional characteristics

- Passed the national standard GB 21556-2008 test
- Suitable for pipe well doors, machine room doors, line doors, etc.
- Open and close the door with a key
- Single tongue structure, regardless of left and right
- Multiple configurations available
- **Standard all-pass opening lock cylinder, 1 key**
- **If need normal cylinder or other, please re-inquire and place an order.**

Technical parameters

Door margin distance: 55mm
 Applicable door thickness: 35-60mm

Handle: 304 stainless steel
 Cover ring: 304 stainless steel
 Mounting screws: stainless steel
 Surface treatment: stainless steel brushed SS

Standard matching

Cover ring 1 set
 Lock body 1
 Clasp 1

Screw accessory pack 1 pack
 1 key

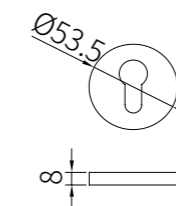
Matching product

Category	Configuration 1	Configuration 2	Configuration 3
Configuration	Double open and double pull	Double open and single pull	Single open and single pull
matching			
Cover ring			
Appearance			
Page number			

SGSS003 Fireproof Lock



Dimensions



Functional characteristics

- Passed GB12955-2008 "Fire Door" anti-recording A1.5H fire resistance test
- Passed fire certification
- Suitable for steel pipe well fire doors, etc.
- Solid anti-saw bolt
- The outside key can open the square tongue when closed
- Standard S-slot single row bead lock cylinder
- **Standard all-pass opening lock cylinder, 1 key**
- **If need normal cylinder or other, please re-inquire and place an order.**

Technical parameters

Door margin distance: 55mm
 Applicable door thickness: above 35mm

Handle: 304 stainless steel
 Cover ring: 304 stainless steel
 Mounting screws: stainless steel
 Surface treatment: stainless steel brushed SS

Standard matching

Cover ring 1 set
 Lock body 1
 Lock cylinder 1

Installation accessories pack 1 pack
 1 key

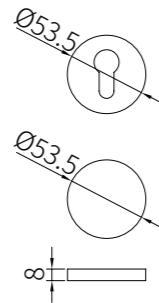
Matching product

Category	Lock Body	Lock Cylinder
Name	Tube well lock body	S slot single row 6-ball lock cylinder
Model	55D	SX-003T
Appearance		
Page number		

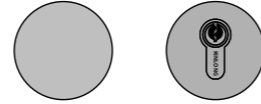
SSN12700 Tube Well Lock



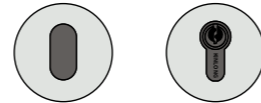
Dimensions



Configuration 1



Configuration 2



Functional characteristics

- Passed the national standard GB 21556-2008 test
- Suitable for steel or wooden pipe well doors, etc.
- Solid anti-saw bolt
- When closed, the outer key can open the square tongue and diagonal tongue
- Single row bead half-cut lock cylinder with flat groove
- **Standard all-pass opening lock cylinder, 1 key**
- **If need normal cylinder or other, please re-inquire and place an order.**

Technical parameters

Door margin distance: 55mm Handle: 304 stainless steel
 Applicable door thickness: above 35mm Cover ring: 304 stainless steel
 Square steel size: 8×8×L Mounting screws: stainless steel
 Surface treatment: stainless steel brushed SS

Standard matching

Cover ring 1 set Square rod 1pcs
 Lock body 1 Installation accessories pack 1 pack
 Lock cylinder 1 key 1pcs

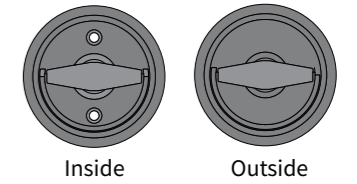
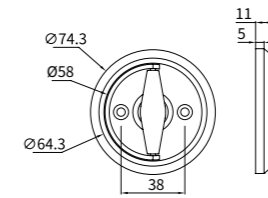
Matching product

Category	Configuration 1 :double open	Configuration 2:single open
Lock Body	55D	55D
Lock Cylinder	S slot single row 6 ball lock cylinder SX- 003T	Half lock cylinder SX- 001T
Appearance		
Page number	-	-

SLS13101 Handle



Dimensions



Functional characteristics

- As a handle
- Hidden design

Technical parameters

Diameter of cover ring: 74mm Main material: 304 stainless steel
 Mounting screws: stainless steel
 Surface treatment: stainless steel brushed SS

Standard matching

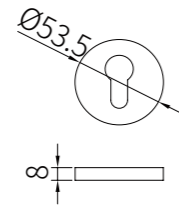
Configuration 1: Double pull 1 set
 Configuration 2: single pull (with screw hole) 1
 Screw 1 set

Matching product

Category	Configuration 1 :double open	Configuration 2:single open
Name	Double pull	Single pull
Appearance		
Remarks	Fix with through screw	Self-tapping screw fixing

SFZ11207 Tube Well Lock

Functional characteristics



Functional characteristics

- Passed the national standard GB 21556-2008 test
- Suitable for steel pipe shaft doors, etc.
- Solid anti-saw lock tongue, the inclined tongue automatically pops out when the door is closed
- The outside key can open the oblique tongue when closed
- Standard S-slot single row bead lock cylinder
- **Standard all-pass opening lock cylinder, 1 key**
- **If need normal cylinder or other, please re-inquire and place an order.**

Technical parameters

Door margin distance: 55mm
 Applicable door thickness: above 35mm

Handle: 304 stainless steel
 Cover ring: 304 stainless steel
 Mounting screws: stainless steel
 Surface treatment: stainless steel brushed SS

Standard matching

Cover ring 1 set
 Lock body 1
 Lock cylinder 1

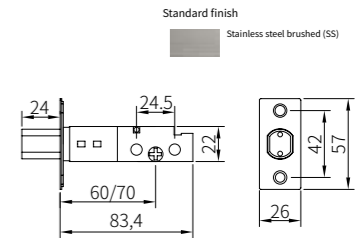
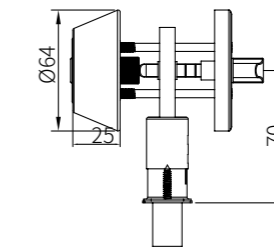
Installation accessories pack 1 pack
 1 key

Matching product

Category	Lock Body	Lock Cylinder
Name	Single oblique tongue lock body	S slot single row 6 ball lock cylinder
Model	55Z	SX-003T
Appearance		
Page number	P185	P191

SFZ11204 Interlock

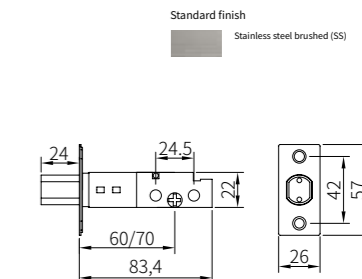
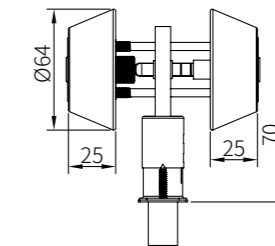
Dimensions and finishes



- Passed the national standard GB 21556-2008 test
 - Suitable for residential, office, or commercial doors, etc.
 - The door is opened and closed with a key from outside, and the door is opened and closed with a knob from inside
 - Single tongue structure, don't distinguish left and right
- Door margin distance: 60/70mm
 Applicable door thickness: 35-48mm
 More than 48mm must be specified
 Main material: 304 stainless steel
 Mounting screws: stainless steel

SFZ11205 Interlock

Dimensions and finishes



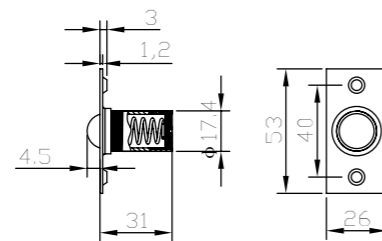
- Passed the national standard GB 21556-2008 test
- Suitable for residential, office, or commercial doors, etc.
- The door is opened and closed with a key
- Single tongue structure, don't distinguish left and right

Door margin distance: 60/70mm
 Applicable door thickness: 35-48mm
 More than 48mm must be specified
 Main material: 304 stainless steel
 Mounting screws: stainless steel

SFZ11206 Door touch bead



Dimensions



Functional characteristics

- Suitable for hidden doors, passage doors, invisible doors, etc.
- Play the role of positioning the door when closing the door
- Touch bead structure, don't distinguish left and right

Technical parameters

Applicable door thickness: 35mm or more	Main material: 304 stainless steel
Applicable gap between door and door frame: 0-5mm	Mounting screws: stainless steel
	Surface treatment: stainless steel brushed SS

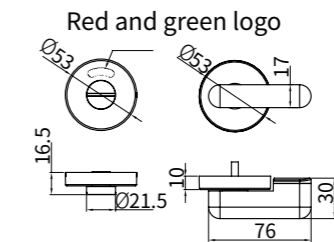
Standard matching

Lock body 1
Gusset 1

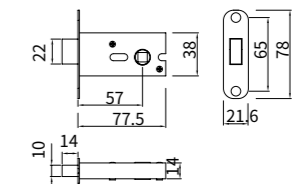
SFZ11208 Bathroom Indicator Lock



Dimensions and finishes



Red and green logo
Passed the national standard GB 21556-2008 test
Suitable for sanitary partition doors, etc.
Single tongue lock body
Outdoor cover ring with red/green indicator, indoor knob
Don't distinguish left and right

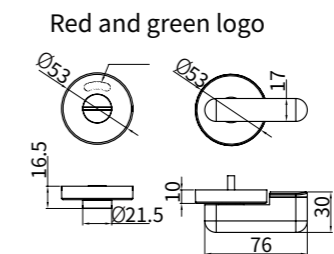


ST0058A

SFZ11209 Bathroom Indicator Lock



Dimensions and finishes



Red and green logo
Passed the national standard GB 21556-2008 test
Suitable for sanitary partition doors, etc.
Outdoor cover ring with red/green indicator, indoor knob
Only applicable to outside doors
No lock body
Don't distinguish left and right



Hardware Accessories



Common hinge



Latch



Concealed hinge



Door holder



Door mirror



Anti-theft clasp



Anti-theft chain



Push-Pull plate



Selector



Door stopper



Heavy selector



Chicken Tsui hinge



Door bottom automatic dust bar



Wooden door seal

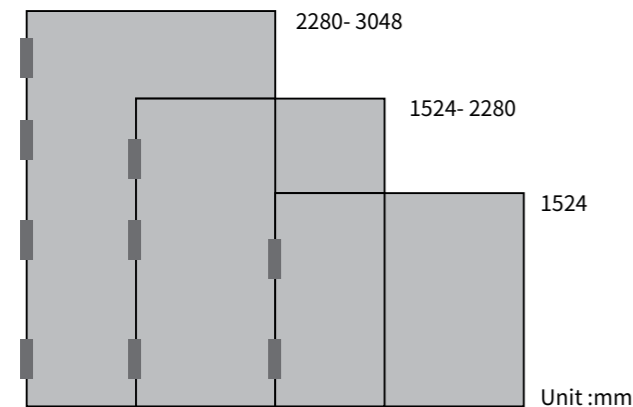


Pop-up concealed handle

Instruction for selecting hinge

Door weight: the thickness of hinge
 Door height: the quantity of installation hinge
 Door thickness: the width of hinge
 Door material: screw size

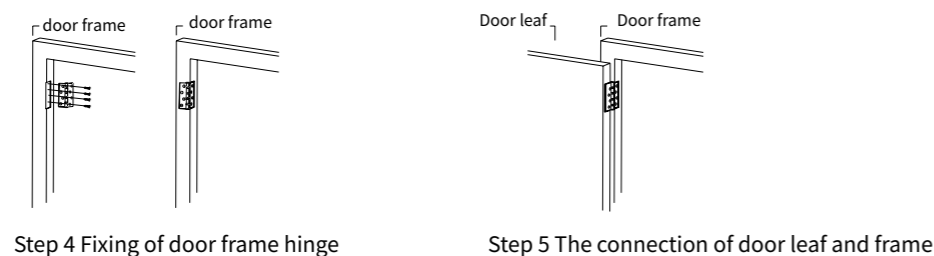
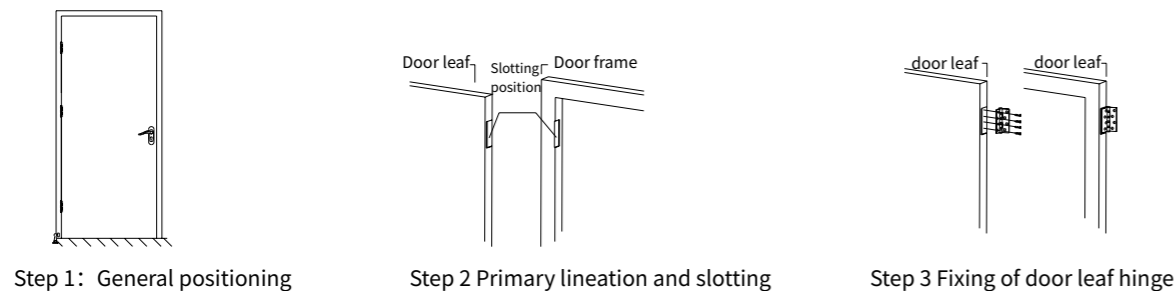
The door thickness and the quantity of hinge



The load bearing reference sheet: 3 hinges in 1 sash door

The thickness of hinge	Loading bearing
H=2.0mm	20- 30Kg
H=2.5mm	30- 40Kg
H=3.0mm	40- 60Kg
H=3.5mm	60- 80Kg
H=4.0mm	80-120Kg

Installation instruction for hinge



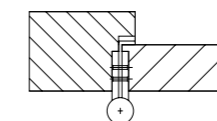
1. Confirm the installation quantity of hinge according to the door size and weight
2. Mark at the door frame according to the quantity and size of hinge
3. Slotting in the door sash, the depth depends on the hinge thickness and hinge gap, generally, the depth equals a hinge thickness.
4. Slotting in the door frame, the depth equals a hinge thickness.
5. Use two screws to fix a hinge in the door sash
6. Aligning the door at the door frame, next, fixing every hinge on the door frame by two screws separately, then, trying to open the door to check whether the door gap is proper. After adjustment, tightening all screws and fixing the door lock.

Hinge



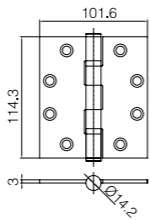


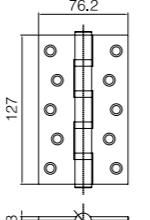


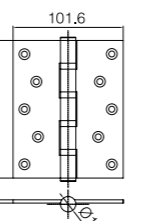


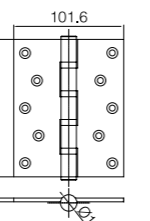
Model	Dimensions	Size and load bearing
SHY12101		304 stainless steel/ Stainless steel 4 "x3" x2.5- 2BB Load bearing of three hinges: 30- 40Kg
SHY12102		304 stainless steel/ Stainless steel 4 "x4" x2.5- 2BB Load bearing of three hinges: 30- 40Kg
SHY12103		304 stainless steel/ Stainless steel 4 "x3" x3- 2BB Load bearing of three hinges: 40- 60Kg
SHY12104		304 stainless steel/ Stainless steel 4 "x4" x3- 2BB Load bearing of three hinges: 40- 60Kg

Functional characteristics	Standard matching
<ul style="list-style-type: none"> · Passing the QB/T4595.1-2013 hinge test · Passing the GB 12955-2008 1.5H fire-resistance test for fireproof door. · Applicable to wooden and metal flat door · Don't distinguish left and right · Adopting the through-going shaft for anti-drop · Adopting the special grease and preventing overflowing · Two or four ball bearings, smoothly and silently 	Hinge 1pcs Mounting screws 8pcs

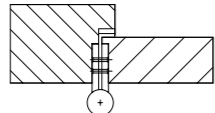
Technical parameters	Surface treatment
Installation slotting thickness: hinge piece thickness + 0.2mm Wood screws	Surface treatment: Stainless steel brushed SS Bright green bronze AB PVD brushed gold P7 Matte black BN





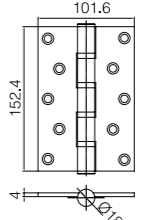


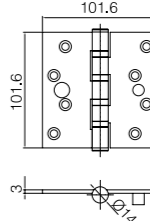


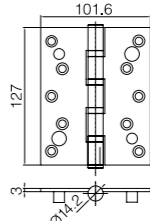


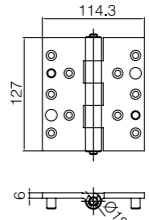
Hinge

Model	Dimensions	Size and load bearing
SHY12105  		Main material: 304 stainless steel/ Stainless steel 4.5"x4"x3- 2BB Load bearing of three hinges: 40- 60Kg Surface finish: Stainless steel brushed SS Bright green bronze AB PVD brushed gold P7 Matte black BN
SHY12106  		Main material: 304 stainless steel/ Stainless steel 5"x3"x3- 4BB Load bearing of three hinges: 40- 60Kg
SHY12107  		Main material: 304 stainless steel/ Stainless steel 5"x4"x3- 4BB Load bearing of three hinges: 40- 60Kg
SHY12108  		Main material: 304 stainless steel/ Stainless steel 5"x4"x3.5- 4BB Load bearing of three hinges: 60- 80Kg

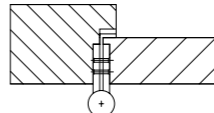
Functional characteristics	Standard matching
<ul style="list-style-type: none"> Passed QB/T4595.1-2013 "Hinge" test Passed the 1.5H fire resistance test of GB 12955-2008 "Fire Door" Suitable for flat doors of wooden doors and metal doors Regardless of left or right Adopt through shaft to prevent falling off Use special grease to effectively prevent grease from spilling Four ball bearings, smooth and quiet 	Hinge 1pcs Mounting screws 8-10pcs

Technical parameters	Surface treatment
Installation slotting thickness: hinge piece thickness +0.2mm Wood screw / machine screw 	Surface treatment: Stainless steel brushed SS Bright green bronze AB PVD brushed gold P7


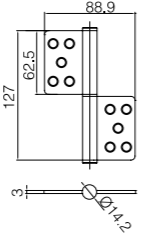

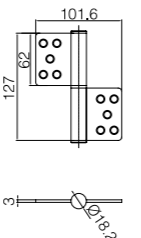

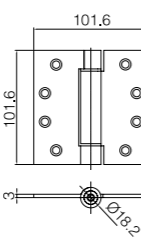
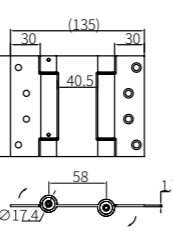
Hinge

Model	Dimensions	Size and load bearing
SHY12109  		Main material: 304 stainless steel/ Stainless steel 6"x4"x4- 4BB Load bearing of three hinges: 80- 120Kg
SHY12110  		Main material: 304 stainless steel/ Stainless steel 4"x4"x3- 4BB Load bearing of three hinges: 40- 60Kg
SHY12111  		Main material: 304 stainless steel/ Stainless steel 5"x4"x3- 4BB Load bearing of three hinges: 40- 60Kg
SHY12112  		Main material: 304 stainless steel/ Stainless steel 5"x4.5"x6- 4BB Load bearing of three hinges: 200Kg

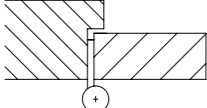
Functional characteristics	Standard matching
<ul style="list-style-type: none"> Passed QB/T4595.1-2013 "Hinge" test Passed the 1.5H fire resistance test of GB 12955-2008 "Fire Door" Suitable for flat doors of wooden doors and metal doors Regardless of left or right Adopt through shaft to prevent falling off Use special grease to effectively prevent grease from spilling Four ball bearings, smooth and quiet 	Hinge 1pcs Mounting screws 8-10pcs

Technical parameters	Surface treatment
Installation slotting thickness: hinge piece thickness +0.2mm Wood screw / machine screw 	Surface treatment: Stainless steel brushed SS Bright green bronze AB PVD brushed gold P7


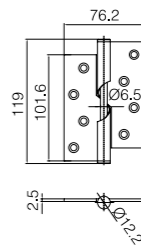

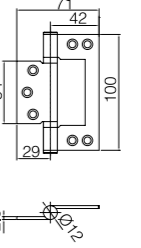

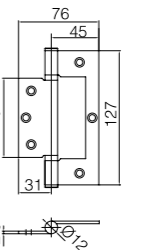

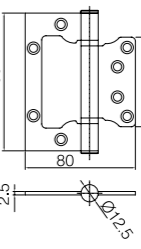
Hinge

Model	Dimensions	Size and load bearing
SHY12113 Flag-shape hinge 		Main material: 304 stainless steel/ Stainless steel 5"x3.5"x3 Load bearing of three hinges: 40- 60Kg
SHY12114 Flag-shape hinge 		Main material: 304 stainless steel/ Stainless steel 5"x4"x3 Load bearing of three hinges: 40- 60Kg
SHY12117 Spring hinge 		Main material: 304 stainless steel 4"x4"x3 Load bearing of three hinges: 40Kg Built-in spring, can automatically return to close the door, Adjustable strength
SHY12139 Two-way spring hinge		Main material: 304 stainless steel, brushed stainless steel SS Two load-bearing: 25Kg Regardless of left or right Single side opening angle <180 degrees Pre-tightening elasticity adjustable 4 levels Applicable door thickness: 30~40mm Used in fence doors, bar doors, aisle doors, etc. Can automatically return to close the door

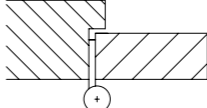
Functional characteristics	Standard matching
Passed QB/T4595.1-2013 "Hinge" test Passed the 1.5H fire resistance test of GB 12955-2008 "Fire Door" Suitable for flat doors of wooden doors and metal doors Adopt through shaft to prevent falling off Use special grease to effectively prevent grease from spilling	Hinge 1pcs Mounting screws 8-10pcs

Technical parameters	Surface treatment
Installation slotting thickness: hinge piece thickness +0.2mm Wood screw / machine screw 	Surface treatment: Stainless steel brushed SS Bright green bronze AB PVD brushed gold P7


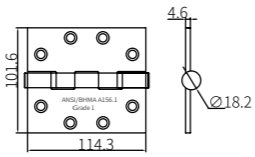

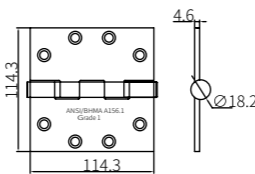

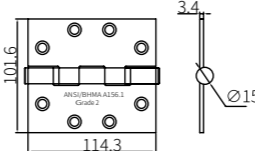

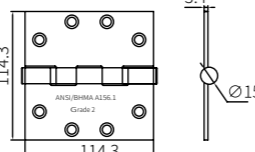
Hinge

Model	Dimensions	Size and load bearing
SHY12118 Self-elevating hinge 		Main material: 304 stainless steel 4"x3"x2.5 Three hinges bearing weight: 30-40Kg Distinguish left and right, right: outer right, inner left When the door is opened, the hinge will be along the page axis Rise, the sheet will fall after letting go, Realize automatic shutdown
SHY12115 Composite hinge 		Main material: 304 stainless steel / stainless steel 100x71x2.5- 2BB Three hinges bearing weight: 30-40Kg Surface treatment: brushed stainless steel SS Bright green bronze AB PVD brushed gold P7 Matte black BN
SHY12116 Composite hinge 		Main material: 304 stainless steel / stainless steel 5"x3"x2.5- 2BB Three hinges bearing weight: 30-40Kg Surface treatment: brushed stainless steel SS Bright green bronze AB PVD brushed gold P7 Matte black BN
SHY12126 Composite hinge 		Main material: stainless steel 100x80x2.5- 2BB Three hinges bearing weight: 30-40Kg Surface treatment: brushed stainless steel SS Bright green bronze AB PVD brushed gold P7 Matte black BN

Functional characteristics	Standard matching
<ul style="list-style-type: none"> Passed QB/T4595.1-2013 "Hinge" test Suitable for flat doors of wooden doors and metal doors Adopt through shaft to prevent falling off Use special grease to effectively prevent grease from spilling Two ball bearings, smooth and quiet Don't distinguish left or right 	Hinge 1pcs Mounting screws 6-8pcs

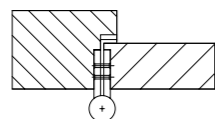
Technical parameters	Surface treatment
Installation slotting thickness: hinge piece thickness +0.2mm Wood screw / machine screw 	Surface treatment: Stainless steel brushed SS Bright green bronze AB PVD brushed gold P7

American standard hinge


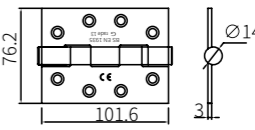

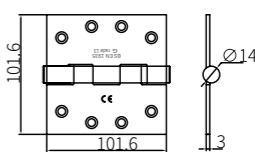
Model	Dimensions	Size and load bearing
SHY454046-4BB  American standard first- class hinge		Main material: 304 stainless steel 4.5"x4"x4.6- 4BB Load bearing of three hinges: 75Kg
SHY454546-4BB  American standard first- class hinge		Main material: 304 stainless steel 4.5"x4.5"x4.6- 4BB Load bearing of three hinges: 75Kg
SHY454034-2BB  American standard second- class hinge		Main material: 304 stainless steel 4.5"x4"x3.4- 2BB Load bearing of three hinges: 70Kg
SHY454534-2BB  American standard second- class hinge		Main material: 304 stainless steel 4.5"x4.5"x3.4- 2BB Load bearing of three hinges: 70Kg

Functional characteristics	Standard matching
<ul style="list-style-type: none"> .Passed the American standard ANSI A156.1 first-level standard test, the number of openings can reach 2.5 million times .Passed the American standard ANSI A156.1 secondary standard test, the number of openings can reach 1.5 million times .Passed the 1.5H fire resistance test of GB 12955-2008 "Fire Door" .Suitable for flat doors of wooden doors and metal doors .Don't distinguish left or right .Adopt through shaft to prevent falling off .Use special grease to effectively prevent grease from spilling .Ball bearing structure, smooth and quiet 	Hinge 1pcs Mounting screws 6-8pcs

Technical parameters	Surface treatment
Installation slotting thickness: hinge piece thickness +0.2mm Wood screw / machine screw	Surface treatment: Stainless steel brushed SS

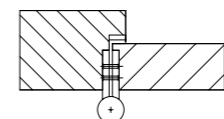


European standard hinge


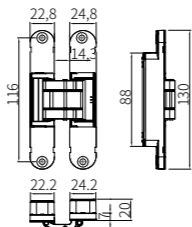

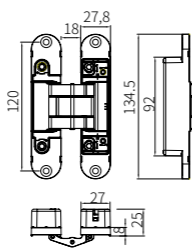

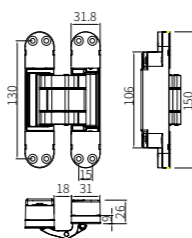
Model	Dimensions	Size and load bearing
SHY403030-2BB  European standard hinge		Main material: 304 stainless steel 4"x3"x3- 2BB Load bearing of three hinges: 120Kg
SHY404030-2BB  European standard hinge		Main material: 304 stainless steel 4"x4"x3- 2BB Load bearing of three hinges: 120Kg

Functional characteristics	Standard matching
<ul style="list-style-type: none"> .European standard "EN 1935:2002 single-axis hinges-requirements and test methods" test .Opened up to 200,000 times Passed the 1.5H fire resistance test of GB 12955-2008 "Fire Door" .Suitable for flat doors of wooden doors and metal doors .Don't distinguish left or right .Adopt through shaft to prevent falling off .Use special grease to effectively prevent grease from spilling .Five sections and two ball bearings, smooth and quiet 	Hinge 1pcs Mounting screws 6-8pcs

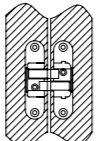
Technical parameters	Surface treatment
Installation slotting thickness: hinge piece thickness +0.2mm Wood screw / machine screw	Surface treatment: Stainless steel brushed SS




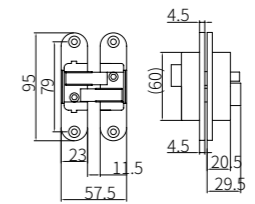

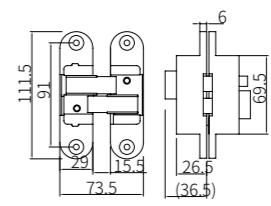

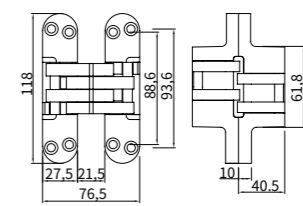

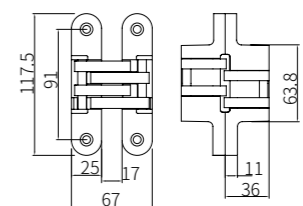
Three dimensional adjustable concealed hinge

Model	Dimensions	Technical parameters
<p>SHY22145 Three dimensional adjustable concealed hinge</p> 		<p>Main material: zinc alloy Two bearing 40kg Opening angle 180° Three dimensional adjustable: Up and down ± 2mm, left Right - 2 ~ 3mm, front and rear ± 1mm Applicable door thickness: 29-45mm No need to distinguish between left and right Surface treatment: matte chrome, matte black</p>
<p>SHY22146 Three dimensional adjustable concealed hinge</p> 		<p>Main material: zinc alloy Two bearing 60kg Opening angle 180° Three dimensional adjustable: Up and down ± 2.5mm, left Right ± 2mm, front and rear ± 1mm Applicable door thickness: 36-55mm No need to distinguish between left and right Surface treatment: matte chrome, matte black</p>
<p>SHY22147 Three dimensional adjustable concealed hinge</p> 		<p>Main material: zinc alloy Two bearing 80kg Opening angle 180° Three dimensional adjustable: Up and down ± 2mm, left Right - 2 ~ 4mm, front and rear ± 1mm Applicable door thickness: 40-60mm No need to distinguish between left and right Surface treatment: matte chrome, matte black</p>

Functional characteristics	Standard matching
<ul style="list-style-type: none"> · Passed QB / T4595 7 - 2018 hinge part 7 three dimensional adjustable test · For wooden doors · Concealed installation · Smooth and silent opening · Three dimensional adjustable, the door gap can be adjusted without disassembling the door 	<p>Hinge 1pcs Mounting screws 4/8pcs</p>

Technical parameters
<p>Mortise installation Adjust the slotting position of the concealed hinge (Control the gap between frame and sash)</p> 


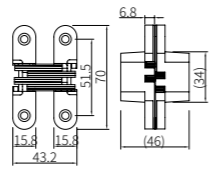

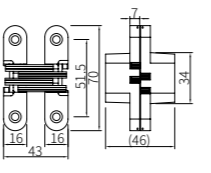

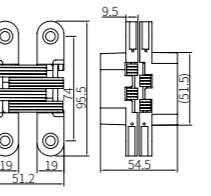

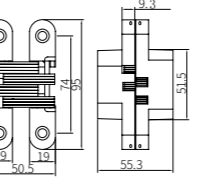
Concealed Hinge

Model	Dimensions	Technical parameters
<p>SHY22122 Adjustable concealed Hinge</p> 		<p>Main material: zinc alloy Two bearing 30Kg Opening angle 180° Three-dimensional adjustable: 1mm up and down, 1mm left and right, 1mm front and rear Distinguish left and right, right: outer right, inner left</p>
<p>SHY22123 Adjustable concealed Hinge</p> 		<p>Main material: zinc alloy Two bearing 45Kg Opening angle 180° Three-dimensional adjustable: 1.5mm up and down, 1mm left and right, 1mm front and rear Distinguish left and right, right: outer right, inner left</p>
<p>SHY12124 Concealed Hinge</p> 		<p>Main material: 304 stainless steel Brushed stainless steel SS Two bearing 50Kg Opening angle 180° Applicable door thickness 41~45mm Suitable for wooden swing doors Don't distinguish left and right</p>
<p>SHY12125 Concealed Hinge</p> 		<p>Main material: 304 stainless steel Brushed stainless steel SS Two bearing 50Kg Opening angle 180° Applicable door thickness 36~40mm Suitable for wooden swing doors Don't distinguish left and right</p>

Functional characteristics	Standard matching
<ul style="list-style-type: none"> · Passed QB/T4595.7-2018 "Hinge Part 7 Three-dimensional Adjustable" test · Suitable for wooden doors · Hidden installation · Turn on smoothly and silently · Three-dimensional adjustable, the gap between the door gap can be adjusted without disassembling the door 	<p>Hinge 1pcs Mounting screws 4/8pcs</p>

Technical parameters
<p>Mortise installation Adjust the slot position of the concealed hinge (Control the gap between the frame and the sash)</p> 

Concealed Hinge

Model	Dimensions	Technical parameters
<p>SHY12129 Concealed Hinge</p> 		<p>Main material: 304 stainless steel Brushed stainless steel SS Two load-bearing 20Kg Opening angle 180° Applicable door thickness 21~25mm Suitable for wooden swing doors Don't distinguish left and right</p>
<p>SHY22130 Concealed Hinge</p> 		<p>Main material: zinc alloy Nickel brushed SN Two load-bearing 20Kg Opening angle 180° Applicable door thickness: 21~25mm Suitable for wooden swing doors Don't distinguish left and right</p>
<p>SHY12131 Concealed Hinge</p> 		<p>Main material: 304 stainless steel Brushed stainless steel SS Two bearing 30Kg Opening angle 180° Applicable door thickness 25~30mm Suitable for wooden swing doors Don't distinguish left and right</p>
<p>SHY22132 Concealed Hinge</p> 		<p>Main material: zinc alloy Nickel brushed SN Two bearing 30Kg Opening angle 180° Applicable door thickness 25~30mm Suitable for wooden swing doors Don't distinguish left and right</p>

Functional characteristics

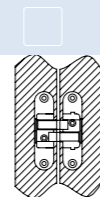
- Passed QB/T4595.7-2018 "Hinge Part 7 Three-dimensional Adjustable" test
- Suitable for wooden doors
- Don't distinguish left and right
- Hidden installation
- Turn on smoothly and silently

Standard matching


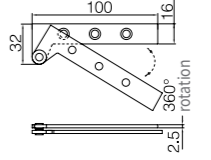

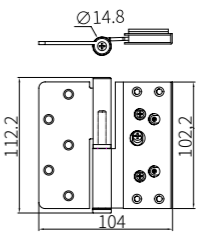

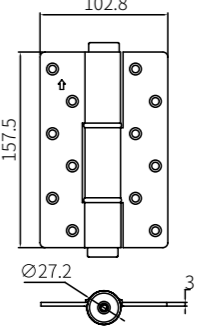
Hinge 1pcs
Mounting screws 4pcs

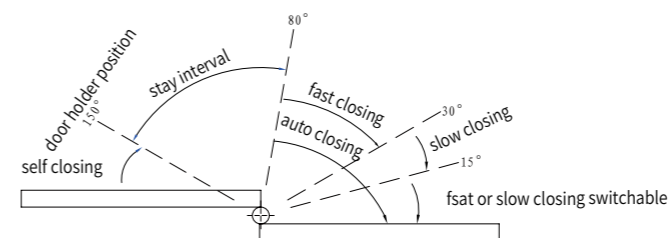
Technical parameters

Slotted installation
Adjust the slot position of the concealed hinge
(Control the gap between the frame and the fan)



Hinge

Model	Dimensions	Technical parameters
<p>SHY12127 Chicken Tsui Hinge</p> 		<p>Main material: 304 stainless steel Brushed stainless steel SS Product bearing 20~30Kg Suitable for simple doors and windows, shop windows Use with door closer Opening angle is greater than 90 degrees</p>
<p>SHY52134L/R Surface mounted three-dimensional adjustable hinge</p> 	 <p>frame sash</p>	<p>Main material: Q235 Gold silver Distinguish left and right, the figure is right Suitable for all kinds of wooden interior doors Applicable door thickness 40mm Two bearing 40Kg, front and back, left and right, top Lower three-dimensional adjustable ± 2mm</p>
<p>SHY42135 Multifunctional hinge</p> 		<p>Main material: aluminum alloy Silver Specification 153mm X 100mm X 3mm Suitable for all kinds of wooden doors Features: collection page, door closer, door stopper Three in one function; No distinction between left and right Hinge composition: Multifunctional hinge SHY42135 Load-bearing hinge SHY42135A</p>



Function Description
Maximum opening angle 180°
More than 150° will automatically reset to 150°
80°~150° is any stay angle
Less than 80° will automatically close
30°~80° is the faster closing angle
15°~30° is the slow closing angle
0°~15° is fast closing or slow closing switchable

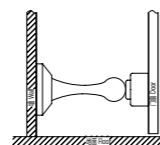
Bearing table	Door specifications	Door weight	Product configuration
	Door height \leq 2000mm Door width \leq 700mm	\leq 35Kg	1 multifunctional hinge (top) + 1 load-bearing hinge (bottom) or 2 multifunctional hinges
	Door height \leq 2000mm Door width \leq 900mm	\leq 60Kg	2 multifunctional hinges or 1 bearing hinge in the middle
	Door height \leq 2400mm Door width \leq 1100mm	\leq 90Kg	3 multifunctional hinges

Door s topper

Model	Dimensions	Technical parameters
SMX12201		Main material: 304 stainless steel Brushed stainless steel SS Suction range: 30- 80N Floor or wall
SMX22220		Main material: zinc alloy Brushed nickel, matt black Suction range: 30- 80N Floor or wall
SMX12221		Main material: 304 stainless steel Brushed stainless steel SS, matt black Suction range: 30- 80N Floor or wall
SMX12216		Main material: stainless steel Brushed stainless steel SS Suction range: 30- 80N Floor or wall
SMX12203		Main material: 304 stainless steel Brushed stainless steel SS Suction range: 30- 80N Ground loading

Functional characteristics

- The product complies with QB/T4596-2013 "Door Suction and Door Buckle" standard
- Suitable for wooden doors and metal doors
- Positioning function after door leaf is opened to prevent collision
- Adapt to multi-angle installation
- Easy to install



Door stopper

Model	Dimensions	Technical parameters
SMX12215		Main material: 304 stainless steel Brushed stainless steel SS, matt black Suction range: 5-10N Ground loading Installation height is less than 10mm
SMX22217		Main material: zinc alloy Nickel brushed SN Suitable for wooden doors and metal doors Positioning function after door leaf is opened to prevent collision Floor mounted Suction range 30-80N
SMX12204		Main material: 304 stainless steel Brushed stainless steel SS Suitable for wooden doors and metal doors Positioning function after door leaf is opened to prevent collision Floor or wall Suction range 30-80N Knob cover structure
SMX12223		Main material: 304 stainless steel Brushed stainless steel, PVD brushed gold Suitable for wooden doors and metal doors Positioning function after door leaf is opened to prevent collision Floor or wall Suction range 30-80N Gland structure

Functional characteristics

- The product complies with QB/T4596-2013 "Door Suction and Door Buckle" standard
- Suitable for wooden doors and metal doors
- Positioning function after door leaf is opened to prevent collision
- Adapt to multi-angle installation
- Easy to install

Door holder

Model	Dimensions	Technical parameters
SMX22219		<p>Main material: zinc alloy Wall mount Brushed nickel, matt black, brushed gold</p>
SMX12211		<p>Main material: 304 stainless steel Brushed stainless steel SS, matt black Ground loading</p>
SMX12222		<p>Main material: 304 stainless steel Brushed stainless steel SS Wall mount</p>
SMX12213		<p>Main material: 304 stainless steel Brushed stainless steel SS Ground loading Expansion bolt M10*60</p>

Functional characteristics

- The product complies with QB/T4596-2013 "Door Suction and Door Buckle" standard
- Suitable for wooden doors and metal doors
- Positioning function after door leaf is opened to prevent collision
- Adapt to multi-angle installation
- Easy to install

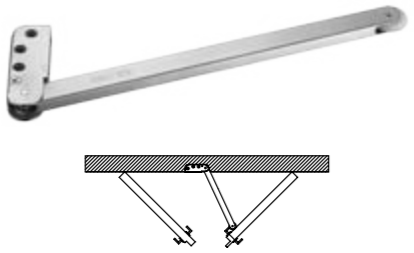
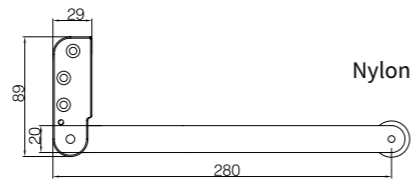
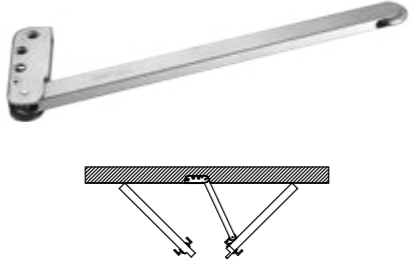
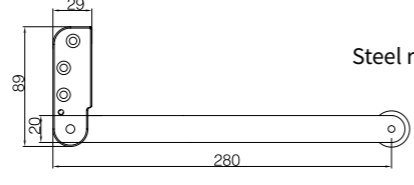

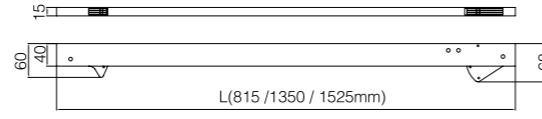

Door mirror

Model	Dimensions	Technical parameters
SMJ22301		<p>Main material: zinc alloy Brushed nickel SN Applicable door thickness: 40- 60mm (standard) 60- 90mm (customized) Viewing range: 128° Model with the back cover removed: SMJ22301A</p>
SMJ32302		<p>Main material: copper Brushed nickel, brushed gold Applicable door thickness: 45- 65mm (standard) 65- 85mm (customized) Visual range: 128° Model with the back cover removed: SMJ32302A</p>
SMJ32304		<p>Main material: copper Brushed nickel SN Applicable door thickness: 40-65mm (standard) 66- 90mm (customized) Viewing range: 128° Model with the back cover removed: SMJ32304A</p>
SMJ12300		<p>Main material: Brushed stainless steel oil seal Door mirror requirements: diameter less than 50mm, small convex Smaller than 8mm or less than 60mm in diameter At 6mm, when installing our door mirror, you need Remove the back cover Installation method: screw directly on the wooden door, with extension Screws; anti-theft metal doors are drilled with electric drills and riveted Nailing</p>

Functional characteristics

- The product meets the standard of QB/T4518-2013 "Accessories for Decorative Doors"
- Suitable for wooden doors and metal doors
- HD lens
- Used for watching outside to increase safety performance
- Indoor configuration back cover

Selector

Model	Dimensions								
<p>SSW12601 Selector</p> 	 <p>Nylon roller</p>								
<p>SSW12602 Selector</p> 	 <p>Steel roller</p>								
<p>SSW12603 Concealed Selector</p>  <p>Close firstly Close secondly</p> 	 <p>L(815 / 1350 / 1525mm)</p> <table border="1"> <tr> <td>Double door width</td> <td>Below 1500mm</td> <td>1500-2400mm</td> <td>2400-2645mm</td> </tr> <tr> <td>Optional length L</td> <td>815mm (Standard)</td> <td>1350mm (Customized)</td> <td>1525mm (Customized)</td> </tr> </table>	Double door width	Below 1500mm	1500-2400mm	2400-2645mm	Optional length L	815mm (Standard)	1350mm (Customized)	1525mm (Customized)
Double door width	Below 1500mm	1500-2400mm	2400-2645mm						
Optional length L	815mm (Standard)	1350mm (Customized)	1525mm (Customized)						
<p>SSW12604 Concealed Selector</p> 	 <p>Don't distinguish left and right</p>								


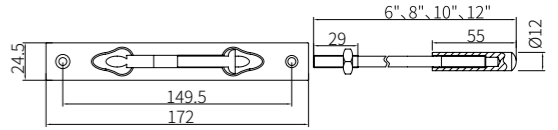

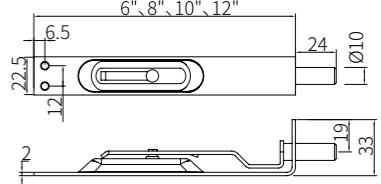

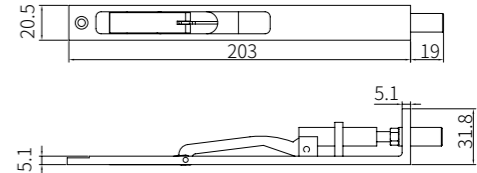

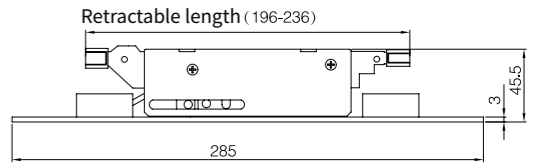
Functional characteristics

- Suitable for wooden doors and metal doors
- Used for double-opening doors with self-closing function and tongue and groove, used in conjunction with door closers
- Convenient for doors to close in normal order
- Life span of more than 100,000 times
- Adjustable angle
- The product meets the standard of QB/T4518-2013 "Accessories for Decorative Doors"
- Pass the national standard GB12955-2008 "Fire Door" 1.5H fire resistance test

Material and surface treatment

Main material: 304 stainless steel
Brushed stainless steel SS

Latch

Model	Dimensions
<p>SCX12701 Concealed Latch for steel door</p> 	
<p>SCX12702 Concealed Latch for wooden door</p> 	
<p>SCX12703 Concealed Latch for wooden door</p> 	
<p>SCX12704 Latch with middle-control for steel door</p> 	 <p>Retractable length (196-236)</p>

Note: Our company is not equipped with upper and lower rods. Both ends are M8 threads.


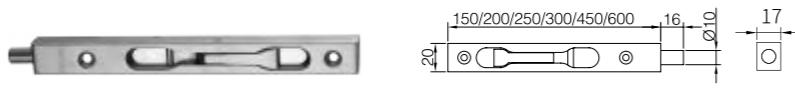

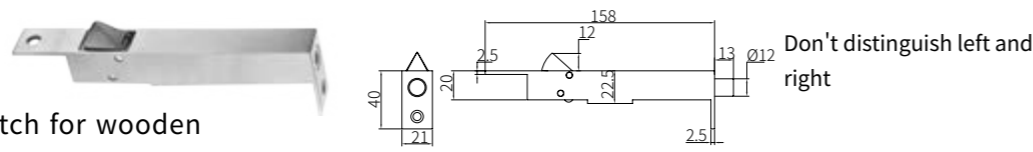
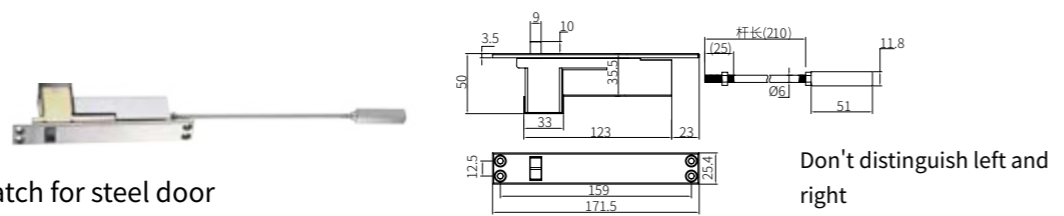
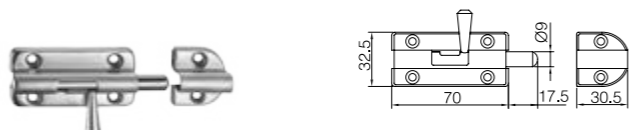
Functional characteristics

- Pass the national standard GB12955-2008 "Fire Door" 1.5H fire resistance test
- Passed industry standard QB/T 2032-2013 "Steel Bolt" test
- Suitable for double metal doors or wooden doors
- For fixing the door leaf
- Hidden installation
- Handle control on and off
- Life span of more than 100,000 times

Material and surface treatment

Main material: 304 Stainless steel
Surface treatment:
Stainless steel brushed SS
Bright green bronze AB
PVD brushed gold P7

Latch

Model	Dimensions	Technical parameters
<p>SCX12705 </p> <p>Concealed Latch for wooden door</p>		<p>Main material: 304 stainless steel Matte SN 180° open and close Built-in ball structure, three-point positioning, Safe and smooth to use</p>
<p>SCX12709 </p> <p>Automatic concealed latch for wooden door</p>	 <p>Don't distinguish left and right</p>	<p>Main material: zinc alloy Nickel brushed 180° open and close Apply rubber to avoid scratches</p>
<p>SCX12710</p> <p>Automatic concealed latch for steel door</p>	 <p>Don't distinguish left and right</p>	<p>Main material: stainless steel Brushed stainless steel Range of activity 145° open and close The chain is seamlessly linked, safe and reliable External configuration soft leather case, quiet and no noise</p>
<p>SCX12708</p> <p>Surface mounted latch</p>	 <p>Insertion rod extension length: 17.5mm Surface treatment: Stainless Steel Hairline SS</p>	<p>Main material: zinc alloy Brushed nickel, brushed gold Chain length: 60mm Hidden installation, beautiful appearance</p>

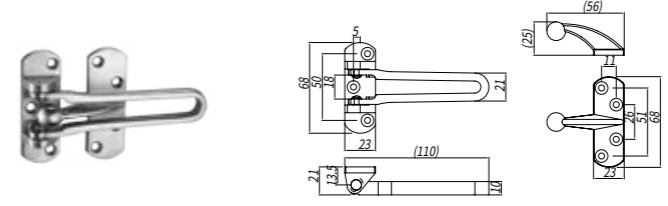
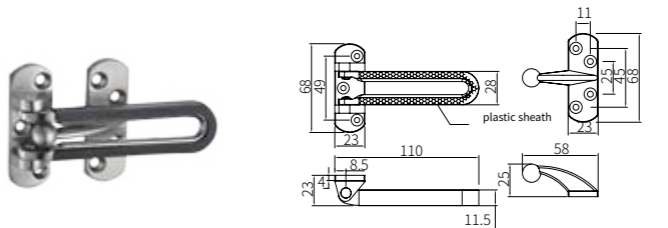
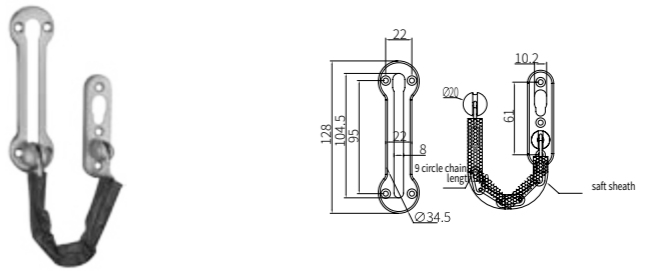
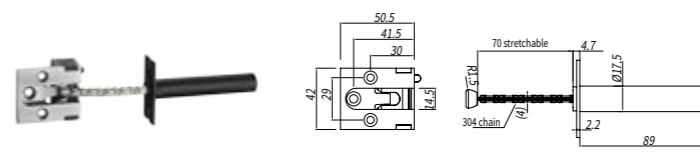
Functional characteristics

- Pass the national standard GB12955-2008 "Fire Door" 1.5H fire resistance test
- Passed industry standard QB/T 2032-2013 "Steel Bolt" test
- Suitable for double metal doors
- For fixing the door leaf
- Hidden installation
- Handle control on and off
- Life span of more than 100,000 times

Material and surface treatment

Main material: 304 Stainless steel
Surface treatment:
Stainless steel brushed SS
Bright green bronze AB
PVD brushed gold P7


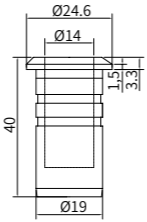

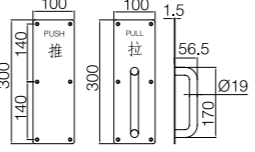

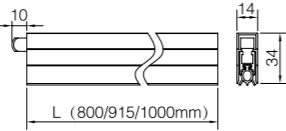

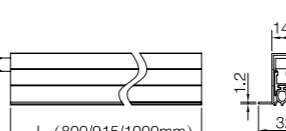

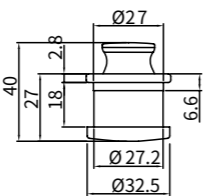
Anti-theft Clasp / Chain

Model	Dimensions	Technical parameters
<p>SFL12501</p>		<p>Main material: 304 stainless steel Matte SN 180° open and close Built-in ball structure, three-point positioning, Safe and smooth to use</p>
<p>SFL22502</p>	 <p>plastic sheath</p>	<p>Main material: zinc alloy Nickel brushed 180° open and close Apply rubber to avoid scratches</p>
<p>SFL12507</p>	 <p>soft sheath</p>	<p>Main material: stainless steel Brushed stainless steel Range of activity 145° open and close The chain is seamlessly linked, safe and reliable External configuration soft leather case, quiet and no noise</p>
<p>SFL22506</p>	 <p>70 stretchable</p> <p>304 chain</p>	<p>Main material: zinc alloy Brushed nickel, brushed gold Chain length: 60mm Hidden installation, beautiful appearance</p>


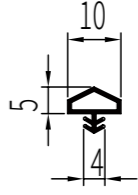


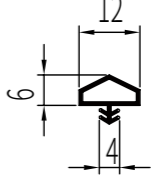


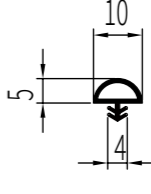

Functional characteristics

- The product complies with QB/T4596-2013 "Door Suction and Door Buckle"
- Suitable for inward opening of wooden doors and metal doors
- The door leaf is locked indoors to prevent theft
- Friction resistant and easy to install

Other small hardware fitting

Model	Dimensions	Technical parameters
<p>SFT12801 Dust canister</p> 		<p>Main material: 304 stainless steel Brushed stainless steel Matching concealed bolt use</p>
<p>STB12901 Push pull plate</p> 		<p>Main material: 304 stainless steel Brushed stainless steel</p>
<p>SDS43001 Automatic dust-proof strip at the door bottom</p> 		<p>Main material: aluminum alloy, silicon gasket Anodized silver, gray dust barrier Features: heat preservation, windproof, Sound insulation, anti-mosquito Slotted installation, regardless of left and right Maximum sink height of dust bar 15mm Length dimension: regular length 800/915/1000mm</p>
<p>SDS43002 Automatic dust-proof strip at the door bottom</p> 		<p>(Within 100mm of this size, (It can be shortened according to the actual door width) Can be customized 300- 1500mm</p>
<p>SLS23102 Pop-up concealed handle</p> 		<p>Main material: zinc alloy + ABS plastic Brushed nickel SN Used in tube well doors, invisible doors Suitable for door thickness of 18 mm, opening diameter 28mm</p>

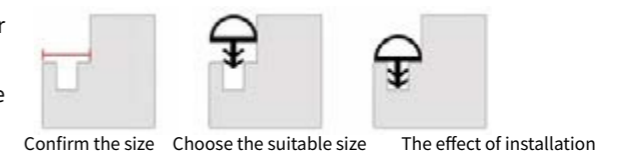
Sealing strip

Model	Dimensions	Technical parameters
<p>SMF11010 Wooden door sealing strip</p> 		<p>Material: PVC Color: Dark brown / Coffee color / Yellow oak</p> 
<p>SMF11012 Wooden door sealing strip</p> 		<p>Material: PVC Color: Brown / Dark Brown / White</p> 
<p>SMF12010 Wooden door sealing strip</p> 		<p>Material: PVC Color: Brown / Coffee color</p> 

Functional characteristics

- The product complies with GB/T 24498-2009 "Sealant Strip for Building Doors, Windows and Curtain Walls"
- The high-quality PVC material has a long service life, and the anti-aging service life is 5-8 years;
- Sealing gap between door and frame 4 ~ 6mm;
- Features: anti-collision, mute, heat preservation, dustproof

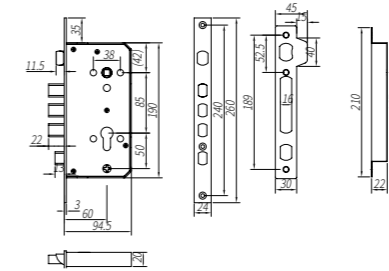
Installation method



- Suitable for indoor wooden door frames;
- Product shapes, specifications and colors can be customized according to specific requirements;
- Installation method: open a groove on the door frame (slot width 3mm, depth 6mm), straight
Then press the sealing strip into the groove.



Lock Body



ST6085 Anti-theft lock body

Passed GA/T73-2015 "Mechanical Anti-theft Lock" Class B test

Suitable for steel or wooden security doors

The lock body and the tongue are extended in two sections, and the oblique tongue is adjustable

With safety tongue, indoor knob control

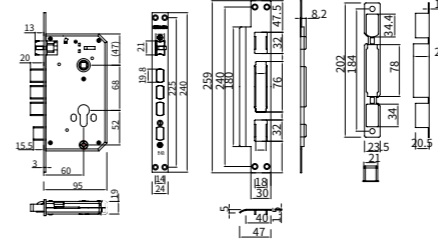
Standard anti-theft lock cylinder, open the dead tongue and oblique tongue with the same key indoor and outdoor

Panel: 304 stainless steel, brushed SN

Buckle plate: stainless steel, brushed SN

Lock shell: high-quality steel electrolytic board

Lock tongue: 304 stainless steel



ST6068 Anti-theft lock body

Passed GA/T73-2015 "Mechanical Anti-theft Lock" Class B test

The lock body and the tongue are extended in two sections, and the oblique tongue is adjustable

With safety tongue, indoor knob control

Standard anti-theft lock cylinder, open the dead tongue and oblique tongue with the same key indoor and outdoor

With anti-lift lock and quick escape function

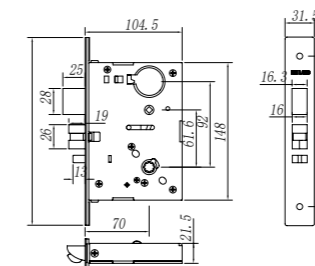
The safety tongue can only be opened by the indoor knob

Panel: 304 stainless steel, brushed SN

Buckle plate: stainless steel, brushed SN

Lock shell: high-quality steel electrolytic board

Lock tongue: 304 stainless steel



ST7092A American standard lock body

Comply with American ANSI/BHMA A156.13 Grade 1 standard

8 lock bodies with different functions are available, suitable for different places (see table)

1 million times of opening life, sturdy and durable, the oblique tongue is adjustable

The function switch button can easily switch the function of door lock and channel lock

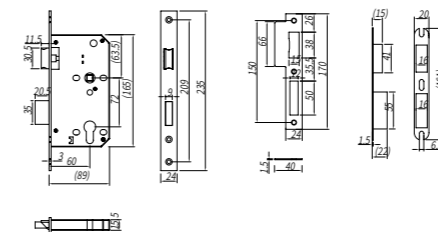
Equipped with S-slot single row 6 ball marble lock cylinder

Panel: 304 stainless steel, brushed SN

Buckle plate: stainless steel, brushed SN

Lock shell: high quality steel

Lock tongue: stainless steel



ST6072E European standard lock body

Comply with European standard EN12209-2003

Suitable for steel or wooden entrance doors, interior doors, etc.

8 lock bodies with different functions are available, suitable for different places (see table)

Open life of 200,000 times, durable, the oblique tongue is adjustable

Equipped with S-slot single row six-ball marble lock cylinder, A2+B5 key

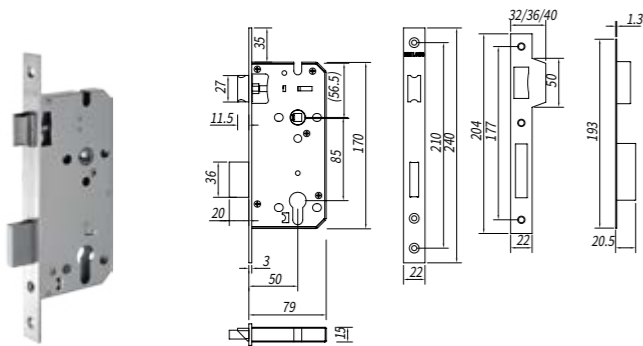
Panel: 304 stainless steel, brushed SN

Buckle plate: stainless steel, brushed SN

Lock shell: high-quality steel electrolytic board

Lock tongue: 304 stainless steel

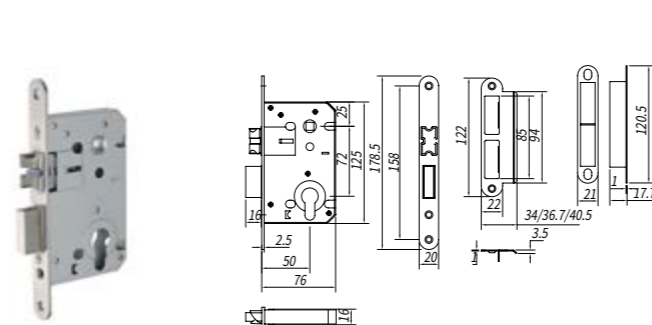
Lock Body



ST5085Z Door lock body

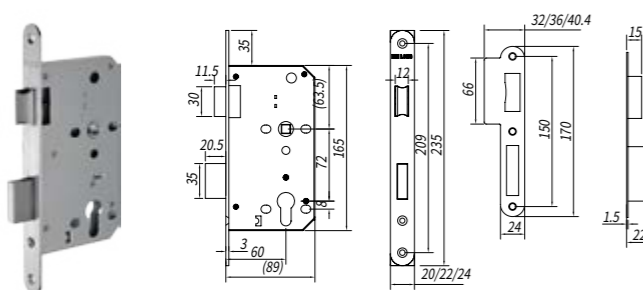
Passed the national standard GB 21556-2008 test
 Suitable for steel or wooden entrance doors, etc.
 Solid anti-saw lock tongue, the oblique tongue is adjustable
 When closed, the outer key can open the square tongue and oblique tongue
 Standard single-row marble lock cylinder
 Panel: 304 stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: stainless steel

Lock Body



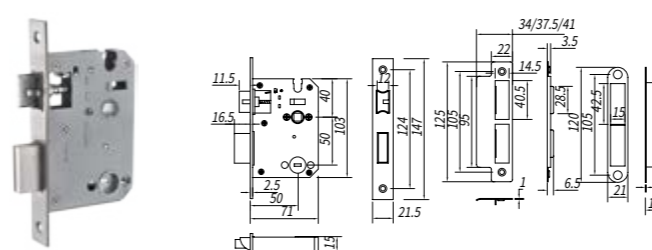
ST5072JY Indoor silent lock body

Passed the national standard GB 21556-2008 test
 Suitable for steel or wooden interior doors of houses, offices, hotels, etc.
 Quiet trigeminal diagonal tongue, the oblique tongue is adjustable
 Adopting mute structure, smooth and mute opening and closing
 The outside key can open the square tongue when closed
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: zinc alloy



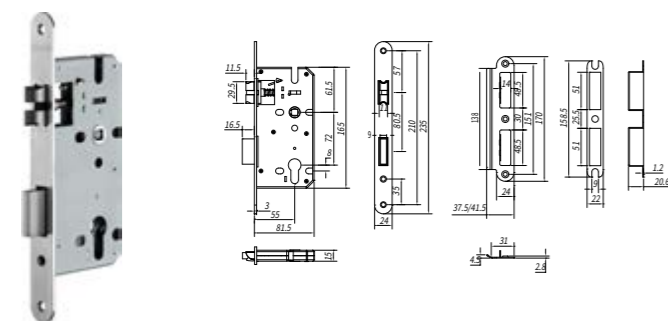
ST6072 Indoor lock body

Passed the national standard GB 21556-2008 test
 Suitable for steel or wooden entrance doors or interior doors, etc.
 Solid anti-saw lock tongue, the oblique tongue is adjustable
 When closed, the outer key can open the square tongue and oblique tongue
 The fixed panel of the fan can be round or square, and the width can be 20/22/24mm
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: stainless steel



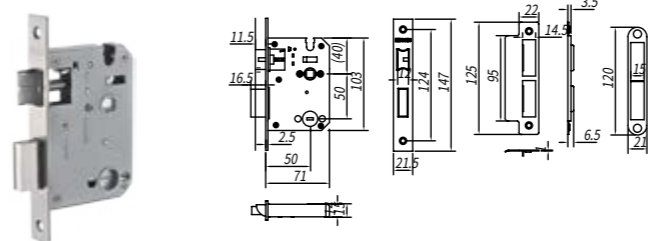
ST5050J Indoor silent lock body

Passed the national standard GB 21556-2008 test
 Suitable for steel or wooden interior doors of houses, offices, hotels, etc.
 Indoor and outdoor handles and locks (optional function)
 The oblique tongue is a bearing silent oblique tongue, and other structures are designed for silent
 The oblique tongue is adjustable
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: zinc alloy



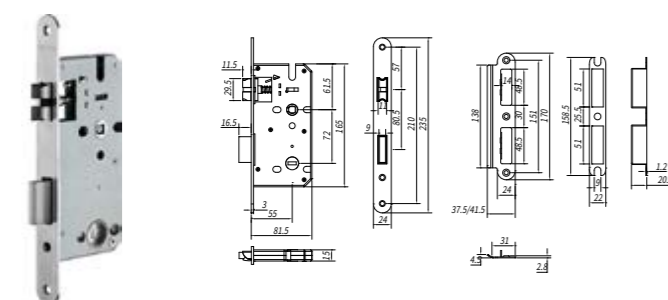
ST5572J Indoor silent lock body

Passed the national standard GB 21556-2008 test
 When closed, the outer key can open the square tongue and oblique tongue
 Suitable for steel or wooden doors
 Trigeminal locking tongue, silent structure, the oblique tongue is adjustable
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: zinc alloy



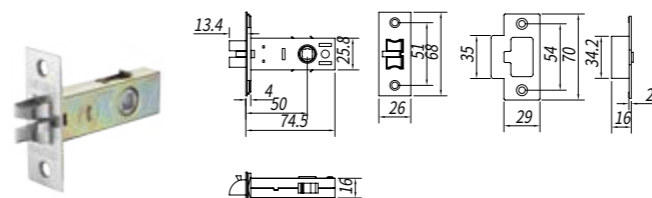
ST5050F Indoor fireproof lock body

Passed the national standard GB 21556-2008 test
 Suitable for indoor doors of houses, offices, hotels, refuge rooms, etc.
 Indoor and outdoor handles and locks (optional function)
 The oblique tongue is adjustable
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: stainless steel



ST5572JJ Indoor mute lock body (false insert)

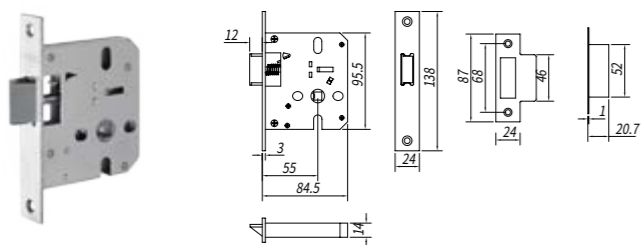
Passed the national standard GB 21556-2008 test
 When closed, the outer key can open the square tongue and oblique tongue
 Suitable for steel or wooden doors
 Trigeminal locking tongue, silent structure, the oblique tongue is adjustable
 10 square tongue strikes
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: zinc alloy



ST0050A Single oblique tongue lock body

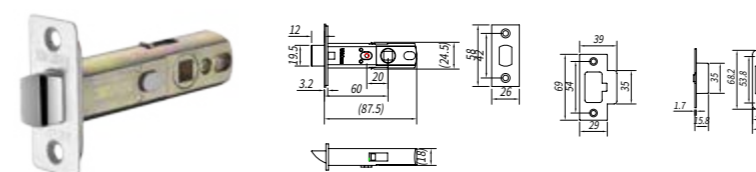
Passed the national standard GB 21556-2008 test
 Suitable for steel or wooden interior doors of houses, offices, hotels, etc.
 The oblique tongue is a three-pronged silent oblique tongue, don't distinguish left and right
 Standard flat single row marble lock cylinder
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality carbon steel color zinc plated
 Lock tongue: zinc alloy

Lock Body



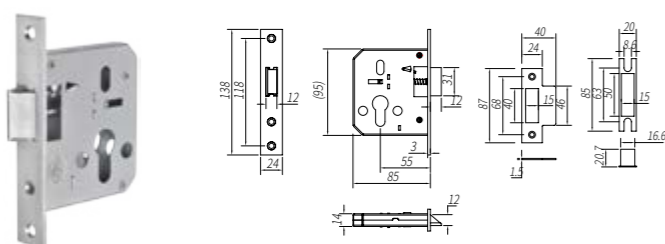
55L Single oblique tongue lock body

Passed the national standard GB 21556-2008 test
 Suitable for steel or wooden interior doors of houses, offices, hotels, etc.
 The inside and outside are opened and closed by the handle, and the oblique tongue is adjustable
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: stainless steel



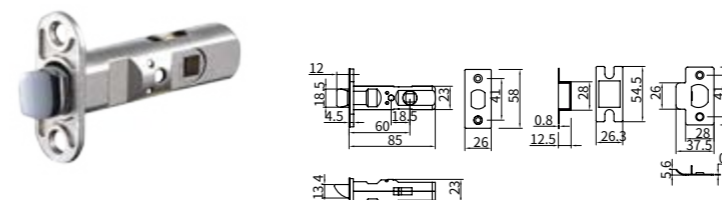
STW-ST0060A Bathroom Lock Body

Passed the national standard GB 21556-2008 test
 Suitable for bathroom door, etc
 Don't distinction left and right,distinguishing inside and outside, oblique tongue is adjustable
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: zinc alloy



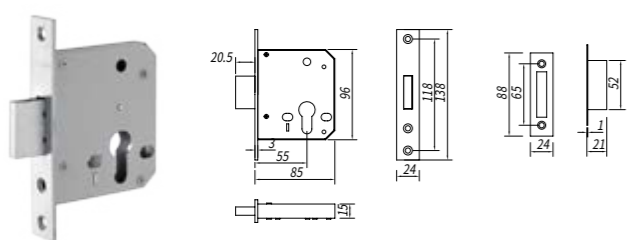
55Z Single oblique tongue lock body

Passed the national standard GB 21556-2008 test
 Suitable for pipe well doors, line doors, machine room doors, etc.
 Don't distinguish left or right
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: stainless steel



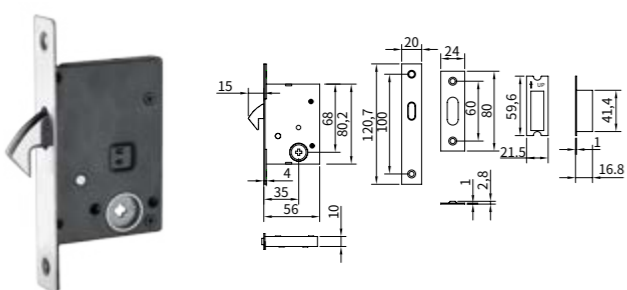
STW-ST0060B Bathroom Lock Body

Passed the national standard GB 21556-2008 test
 Suitable for bathroom door, etc
 Don't distinction left and right,distinguishing inside and outside, oblique tongue is adjustable
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: zinc alloy



55D Single tongue lock body

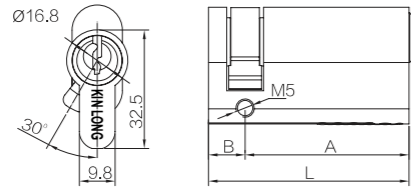
Passed the national standard GB 21556-2008 test
 Suitable for pipe well doors, line doors, machine room doors, etc.
 Don't distinguish left or right
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high-quality steel electrolytic board
 Lock tongue: stainless steel



ST0035 Sliding door lock body

Passed the national standard GB 21556-2008 test
 Suitable for sliding doors, etc.
 Single tongue structure, don't distinguish left and right
 Optional bathroom lock core
 Panel: stainless steel, brushed SN
 Buckle plate: stainless steel, brushed SN
 Lock shell: high quality steel powder spray
 Lock tongue: zinc alloy

Lock Cylinder

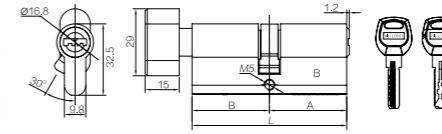


SX-001S Half lock cylinder

Comply with the standard requirements of QB/T2474-2017
 Suitable for steel or wooden doors
 S slot single row 6-ball half lock cylinder
 3 keys
 All open by one key: SX-001T
 Lock core shell: brass plating
 Cylinder body: brass plating
 Key: brass plating

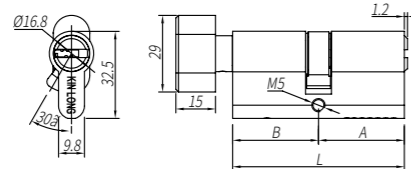


Lock Cylinder



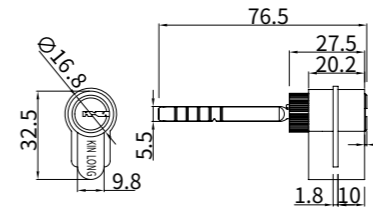
SX-006 C Level anti-theft lock cylinder

Passed the GA/T73-2015 "Mechanical Anti-theft Lock" Class C test
 Suitable for steel or wooden security doors
 Flat groove type, double rows of ten marbles, plus 4 edge beads for track grooves, plus
 Anti-drilling pin
 There are double head lock cylinder and single head lock cylinder with knob optional
 With architect key, A2+B5
 Lock core shell: brass plating
 Cylinder body: brass plating
 Key: brass plating



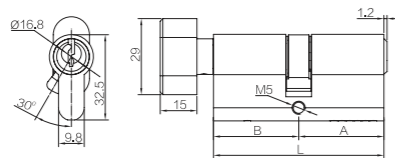
SX-002 Flat groove single row bead lock cylinder

Comply with the standard requirements of QB/T2474-2017
 Suitable for steel or wooden doors
 Flat groove single row 7 ball lock cylinder
 There are double head lock cylinder and single head lock cylinder with knob optional
 5 pieces of keys (3 pieces)
 Lock core shell: brass plating
 Cylinder body: brass plating
 Key: brass plating



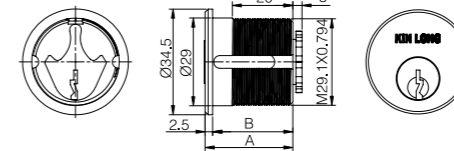
SX-007 National standard lock core (fake core)

Comply with the standard requirements of QB/T2474-2017
 Suitable for steel or wooden doors
 Flat groove single row 6 ball lock cylinder
 Belt drive strip, cut the drive strip according to the thickness of the door, suitable for door thickness 38- 52mm
 3 keys
 Lock core shell: zinc alloy electroplating
 Cylinder body: brass plating



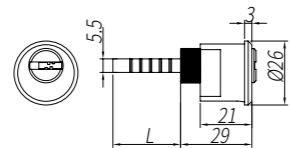
SX-003 S Slot single row bead lock cylinder

Comply with the standard requirements of QB/T2474-2017
 Suitable for steel or wooden doors
 S slot single row 6-ball lock cylinder
 There are double head lock cylinder and single head lock cylinder with knob optional
 3 keys
 All open by one key: SX-003T
 Lock core shell: brass plating
 Cylinder body: brass plating
 Key: brass plating



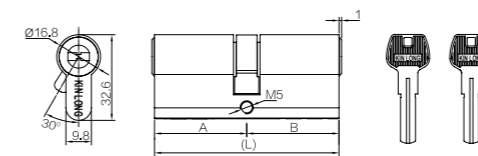
SX-008 American standard lock cylinder

Meet the requirements of the standard ANSI/BHMA A156.13 Grade 1
 Suitable for steel or wooden doors
 S groove single row 6 beads
 3 keys
 Lock core shell: brass plating
 Cylinder body: brass plating
 Key: brass plating



SX-004 Glass lock cylinder

Comply with the standard requirements of QB/T2474-2017
 Applicable glass door lock
 Flat groove double row 8 ball lock cylinder
 Belt drive strip, cut the drive strip according to the thickness of the door, suitable for door thickness 12-15mm
 3 keys
 Lock core shell: brass plating
 Cylinder body: brass plating
 Key: brass plating

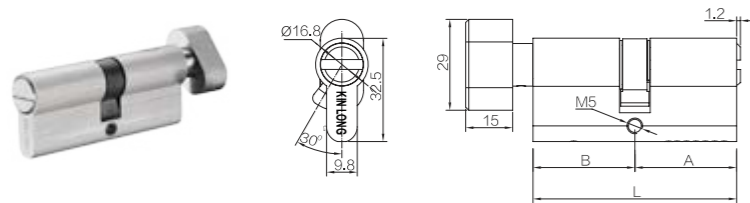


SX-009 Steel lock cylinder

Passed the GA/T73-2015 "Mechanical Anti-theft Lock" Class C test
 Meet GB12955-2008 fire protection requirements
 Applicable fire doors
 Flat slot blade lock cylinder, 5 groups 10 pieces
 There are double head lock cylinder and single head lock cylinder with knob optional
 A2+B5 piece key
 Lock core shell: stainless steel
 Cylinder body: stainless steel
 Key: brass plating

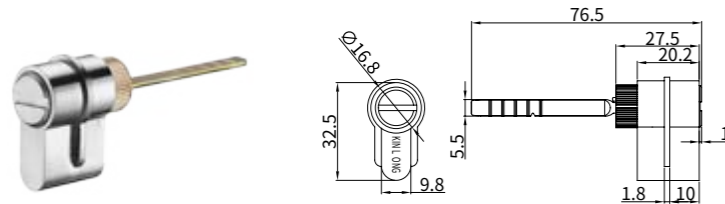


Lock Cylinder



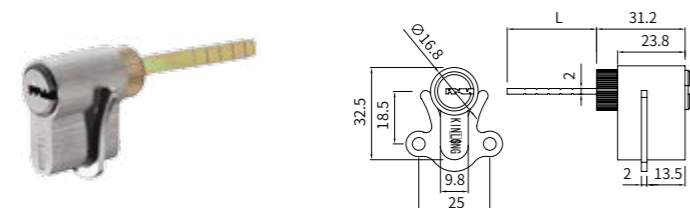
SXW-002 Bathroom lock cylinder

Comply with the standard requirements of QB/T2474-2017
 Suitable for steel or wooden doors
 Keyless, outdoor coin slot, emergency opening
 Lock core shell: brass plating
 Cylinder body: brass plating



SXW-007 Bathroom lock cylinder

Comply with the standard requirements of QB/T2474-2017
 Suitable for steel or wooden doors
 Keyless, outdoor coin slot, emergency opening
 The length of the drive strip depends on the door thickness
 Lock core shell: zinc alloy electroplating
 Cylinder body: brass plating



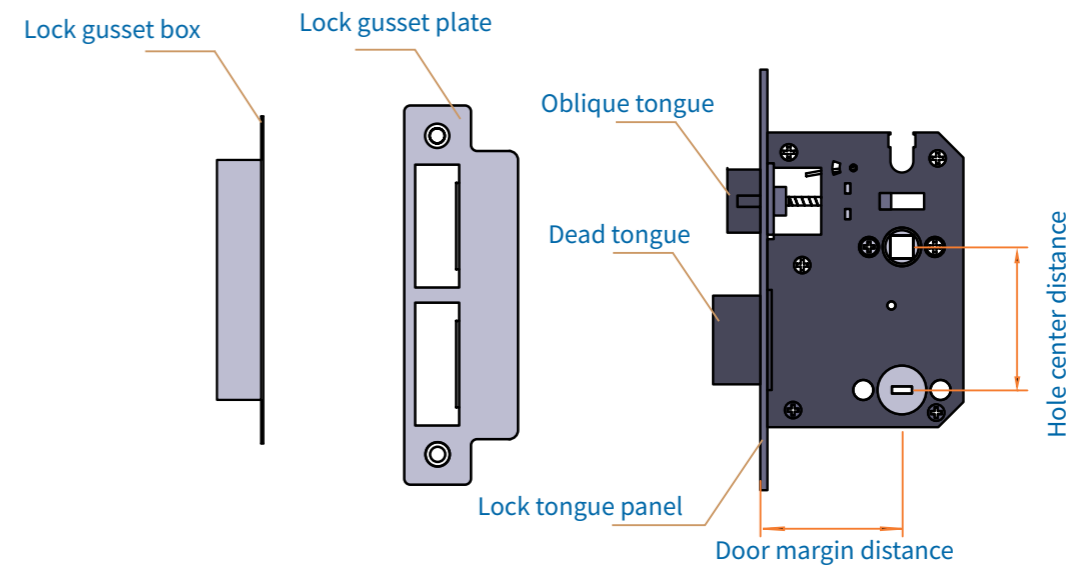
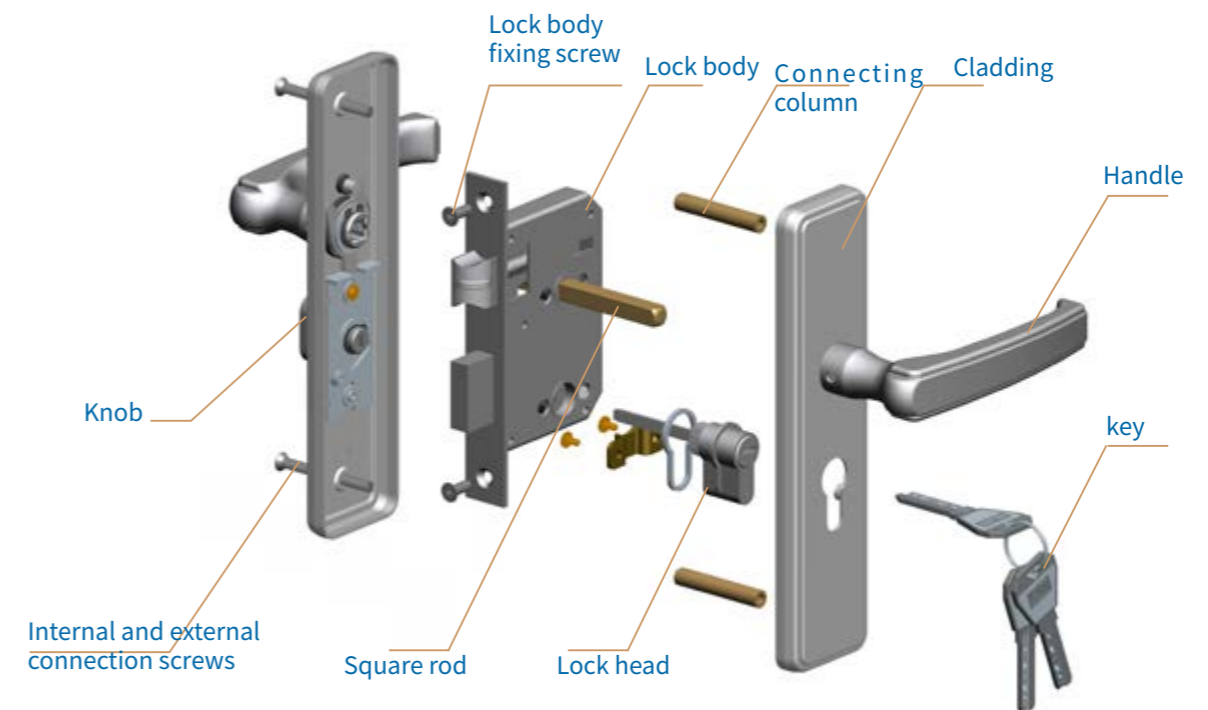
SX-007F National standard lock cylinder (dummy insert)

Meet the requirements of QB/T2474 - 2017 mortise door lock
 Applicable to steel or wooden doors
 Flat groove single row 6-bead lock cylinder
 With drive strip, cut off the drive strip according to the door thickness

Lock cylinder housing: brass plating
 Cylinder body: brass plating



Lock terms



Key management system

Key management systems are often used in apartments, office buildings, commercial spaces and other places. Various sizes, forms and specials are produced according to different needs.

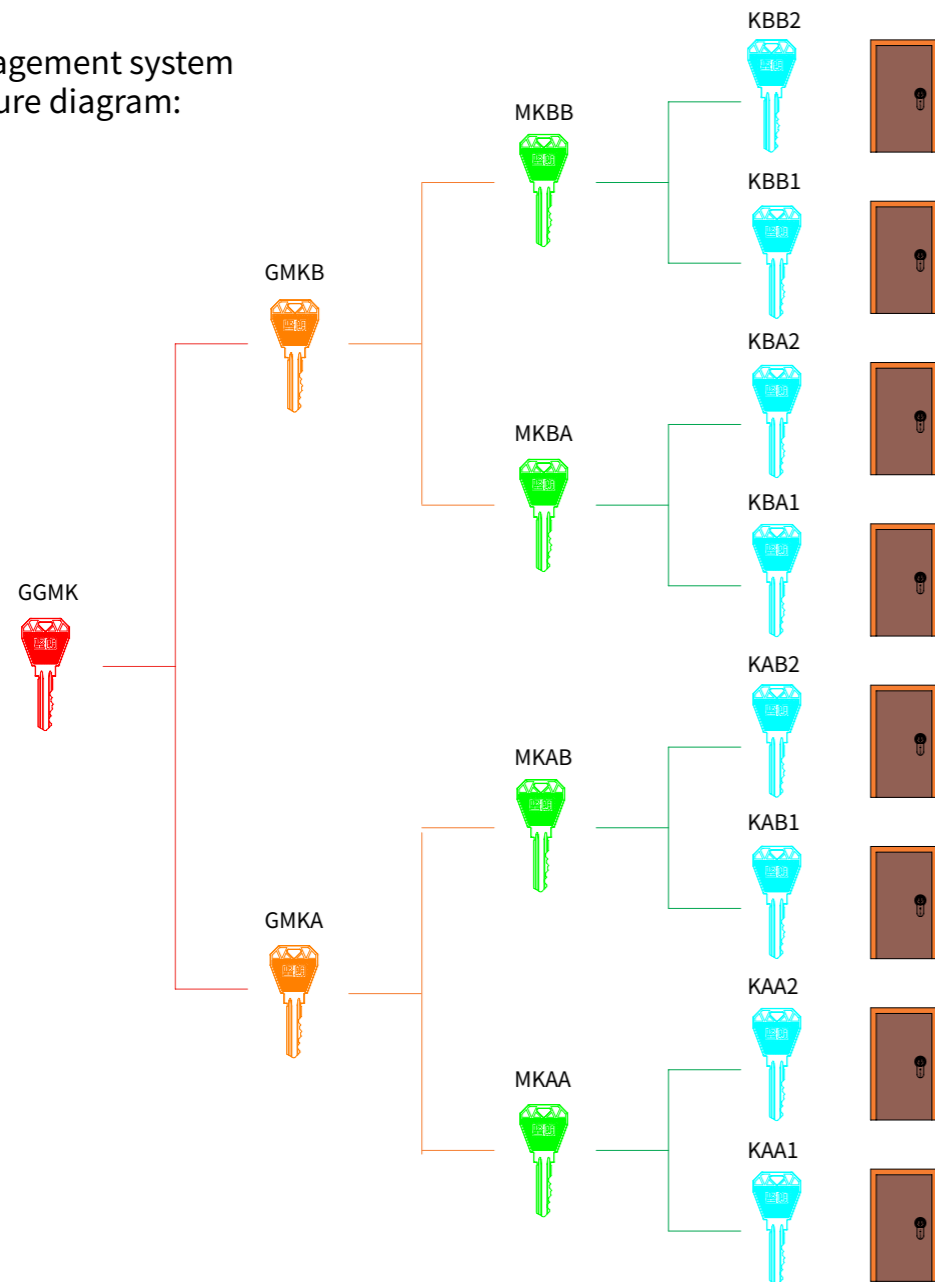
Functional lock cylinder. With a set of Jianlang Master Key, you can open any door of your company or home as you like, which is safe and convenient.

The key management system is divided into two-level management lock cylinder, three-level management lock cylinder and four-level management lock cylinder. The master key of a certain level can open the specified range

All door locks. For example, GMKA can open MKAA, MKAB, KAA1, KAA2, KAB1, KAB2, but cannot open the upper level GGMA

And door locks within the scope of GMKB. The dedicated key of each lock is an independent key, and only the matching lock can be opened.

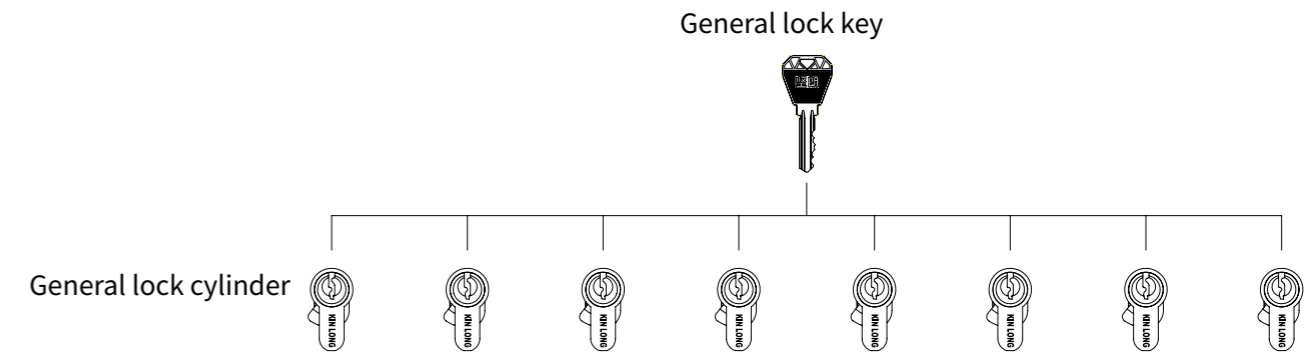
Key management system architecture diagram:



This system makes the corresponding key management system according to the architecture of each building

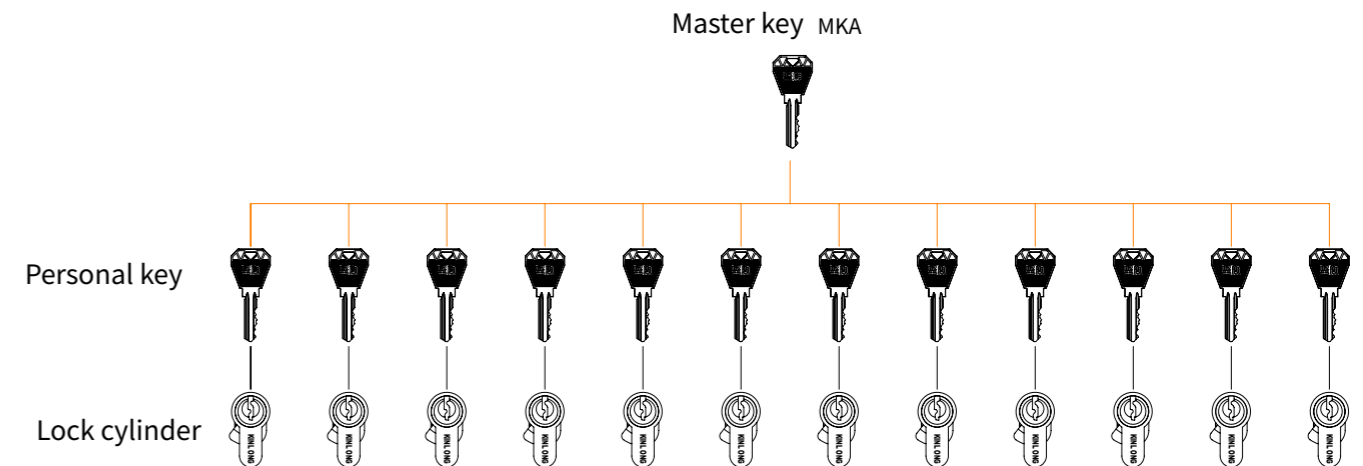
General lock cylinder

General lock cylinder has the same key. Any key can be used to open any lock in the specified range:



Secondary management lock cylinder

The secondary management lock cylinder has a master key, which can open the lock cylinder of the entire system. The lower level of the master key is divided into multiple independent keys, and each key opens its own lock cylinder:

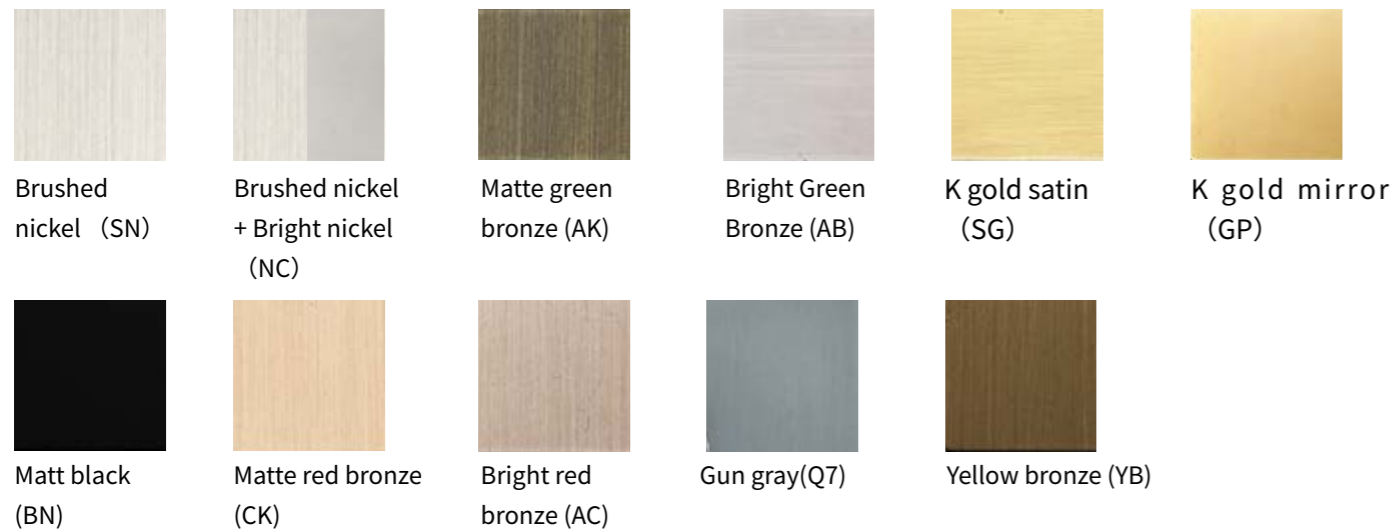


Product color code

Stainless steel products:



Zinc alloy products:




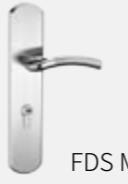









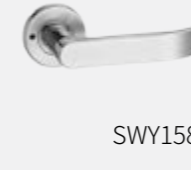

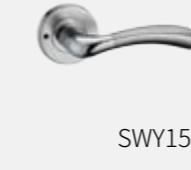



Note: The colors on this page are for reference only. Please refer to the "Book of Surface Color of Hardcover Products" or the actual product.

Product surface treatment name and code

No.	Name	Code	Processing instructings
1	Stainless steel brushed	SS	Brushed stainless steel products.
2	Brushed nickel	SN	Zinc alloy or copper products are nickel-plated and brushed
3	Stainless steel brushed + mirror	SC	Brushed stainless steel products + mirror treatment.
4	Brushed nickel + Bright nickel	NC	Products made of zinc alloy or copper are nickel-plated with mirror finish + partly brushed.
5	Bright nickel	NP	Mirror nickel plating for zinc alloy or copper products.
6	Bright chrome	CP	Zinc alloy or copper products are mirror-finished and chrome plated.
7	Stainless steel mirror	SP	Stainless steel products are polished.
8	PVD gold (brushed + mirror)	P8	Product brushed + bright gold PVD
9	PVD bright gold	P4	Product polished gold PVD
10	PVD brushed gold	P7	Product brushed gold PVD
11	Rose gold (brushed + mirror)	R8	Product brushed + bright rose gold
12	Rose gold bright	R4	Product polished rose gold
13	Rose gold brushed	R7	Product brushed rose gold
14	Black titanium (brushed + mirror)	T8	Product brushed + mirror black titanium
15	Black titanium mirror	T4	Product Polished Black Titanium
16	Black titanium brushed	T7	Product brushed black titanium
17	Bright green bronze	AB	Product shiny green bronze
18	Matte green bronze	AK	Product matt oil green bronze
19	Bright red bronze	AC	Product bright oil red bronze
20	Matte red bronze	CK	Matte oil red bronze
21	Yellow bronze	YB	Product dumb oil yellow bronze
22	Black bronze rubbed edges	B5	Matte oil black bronze + sweeping edge exposed copper
23	Gun gold	GB	Product polished gold + gun color
24	Copper mirror	MP	Bright oil copper polishing
25	Copper brushed	SG	Polished copper wire
26	Silver	SR	Product brushed, silver spray
27	Silver + Black	RB	Color: silver cover ring and handle; black lock core and handle seat
28	Black + Silver	BR	Color; cover ring and handle black; lock core and handle seat silver
29	Matte black	BN	Product matt black
30	Gun gray	Q7	Product brushed dumb oil gun ash
31	Antibacterial	LKB	Antibacterial coating on stainless steel
32	K gold satin	SG	Product satin and gold plating
33	K gold mirror	GP	Product polishing mirror plating real gold

Explanation of the second digit of the remark/code: 5: Edge rubbing
8: Two surface treatments are added together, 7: Brushed, 4: Mirror finish,

NO.	Door type	Series 1	Series 2	Series 3	Series 3
1	Entrance Anti-theft Door Lock	 SFD10411F	 SFD11214F	 SFD15551F	 FDS MLS0332F
2	Interior Door Lock	 SSN20411	 SSN10814	 SSN21315	 SSN10213
3	Refuge Room Fire Lock	 SSN10411F	 SSN10814F	 SSN10815F	 SSN10213F
4	Bathroom Door Lock	 SWY15811	 SWY15814	 SWY25215	 SWY15813



1 Entrance Anti-theft Door Lock

Fire Lock Anti-theft hinge Door mirror Door holder

2 Interior Door Lock

Interior Door Lock Multifunctional hinge Door s topper

3 Refuge Room Fire Lock

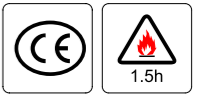
Multifunctional hinge Fire Hige Door holder













4 Bathroom Door Lock

Bathroom Door Lock Composite hinge Door holder

European standard mortise lock configuration proposal

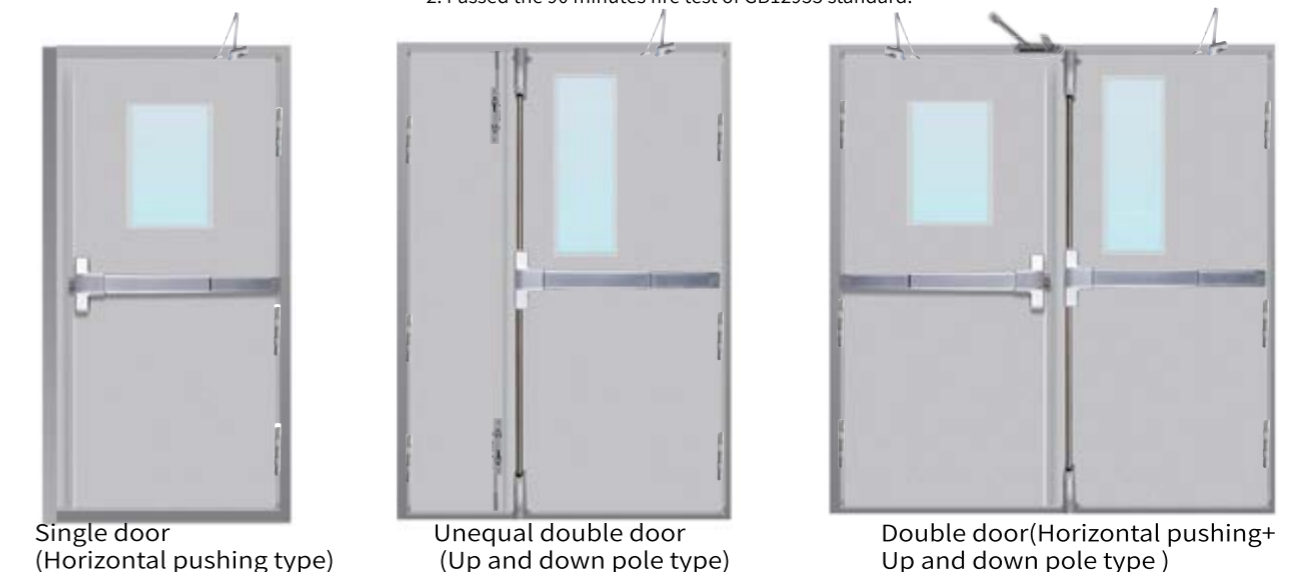
European standard mortise lock: 1. 8 different decorative pieces, 8 different functions
 2. Passed EN12209-2003 test, 200,000 durability tests, and obtained CE certification. Passed the 260-minute fire test of EN1634.
 3. Pass the 90 minutes fire test of GB12955 standard.



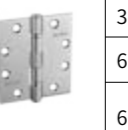
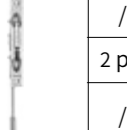



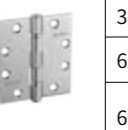
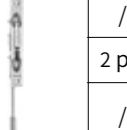



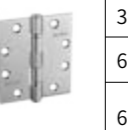
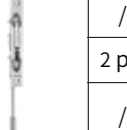



Application	European standard mortise lock	Quantity	European standard door closer	Quantity	European standard hinge	Quantity	Latch	Quantity	Concealed Selector	Quantity
Single door		1 set		1 pcs		3 pcs	/	/		/
Unequal double door		1 set		1 pcs		6 pcs	Steel door concealed latch	2 pcs		/
Double door		2 sets(one set is fake lock)		2 pcs		6 pcs	Automatic concealed latch	2 pcs		1 pcs

European standard panic exit push rod lock configuration proposal

European standard panic exit push rod lock: 1. Passed the European standard EN1125 test, endurance test 200,000 times, and obtained CE certification; passed the EN1634 standard 60-minute fire test.
 2. Passed the 90 minutes fire test of GB12955 standard.



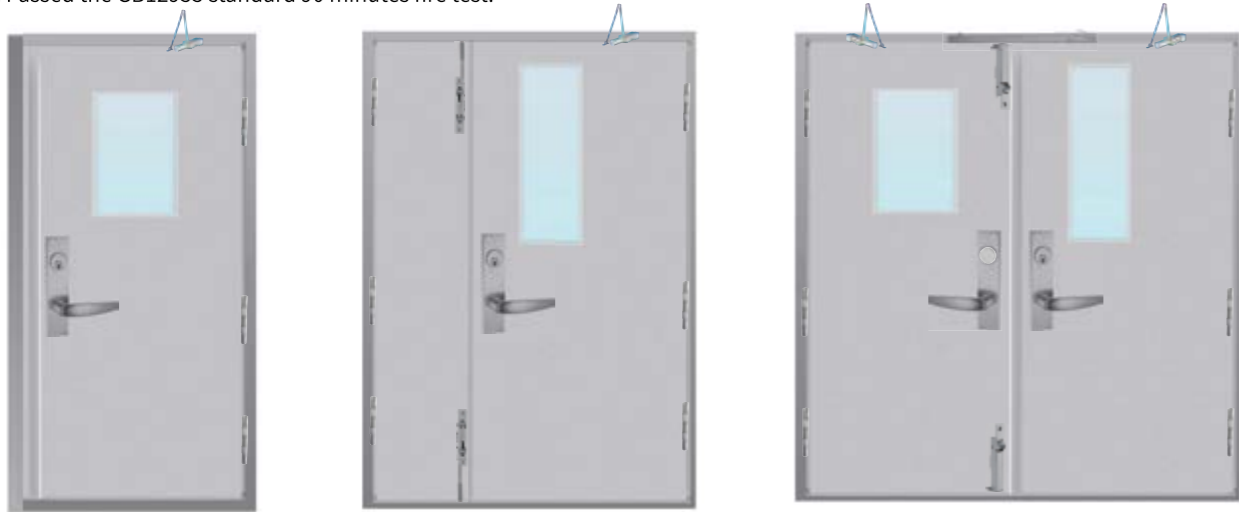
Application	Exterior decorative lock	Quantity	European standard panic exit push rod lock	Quantity	European standard door closer	Quantity	European standard hinge	Quantity	Steel door concealed latch	Quantity	Overload Selector	Quantity
Single door		1 set	Horizontal pushing type	1 set horizontal pushing type		1 pcs		3 pcs		/		/
Unequal double door		1 set	Up and down pole type	1 set up and down pole type		1 pcs		6 pcs		2 pcs		/
Double door		2 set	Horizontal pushing type	1 set horizontal pushing type + 1 set up and down pole type		2 pcs		6 pcs		/1		pcs

Remarks: European standard door closers: tested by EN 1154 door closers, tested by industry standard QB / T 2698; service life:> 500,000 times.
 European standard hinge:
 1.7 specifications, passed the European standard EN1935 test, 200,000 durability tests, and obtained CE certification; two specifications passed the EN1634 standard 260-minute fire test .
 2. Passed the 90 minutes fire test of GB12955 standard.
 Concealed latch, selector: Passed the B12955 standard 90-minute fire test.

American Standard Mortise Lock Configuration Proposal

American Standard Mortise Lock:

1. 8 different decorative pieces, 8 different functions.
2. Passed the American standard ANSI / BHMA A 156.13-level test, durability is greater than 1 million times; passed UL10C 270 minutes fire test.
3. Passed the GB12955 standard 90 minutes fire test.



Single door

Unequal double door

Double door

Application	American standard mortise lock	Quantity	American standard door closer	Quantity	American standard hinge	Quantity	Latch	Quantity	Concealed Selector	Quantity
Single door		1 set		1 pcs		3 pcs	/	/		/
Unequal double door		1 set		1 pcs		6 pcs	Steel door concealed latch	2 pcs		/
Double door		2 sets(one set is fake lock)		2 pcs		6 pcs	Automatic concealed latch	2 pcs		1 pcs

American standard panic exit push rod lock configuration proposal

American standard panic exit push rod lock:

1. Passed the American Standard ANSI / BHMA A 156.3-level test, the durability is greater than 500,000 times; passed the UL10C 90-minute fire test;
2. Pass the 90 minutes fire test of GB12955 standard.



Single door
(Horizontal pushing type)

Unequal double door
(Up and down pole type)

Double door(Horizontal pushing+
Up and down pole type)

Application	Exterior decorative lock	Quantity	American standard panic exit push rod lock	Quantity	American standard door closer	Quantity	American standard hinge	Quantity	Steel door concealed latch	Quantity	Overload Selector	Quantity
Single door		1 set	Horizontal pushing type	1 set horizontal pushing type		1 pcs		3 pcs		/		/
Unequal double door		1 set	Up and down pole type	1 set up and down pole type		1 pcs		6 pcs		2 pcs		/
Double door		2 sets	Horizontal pushing type + Up and down pole type	1 set horizontal pushing type + 1 set up and down pole type		2 pcs		6 pcs		/		1 pcs

Remarks: American Standard Door Closer: Service life meets the first-class requirements of American BHMA / ANSI A 1564, service life> 2 million American standard hinge:

1. Pass the American ANSI A1561 secondary standard test and open up to 1.5 million times;
 2. Passed the GB12955 standard 90 minutes fire test
- Concealed latch, selector: Pass the 90 minutes fire test of GB12955 standard

Standard Introduction of the American Standard Mortise Lock

Standard Features

Standard

The United States standards for door control system is one of the world's most advanced and strictest standards for door control system.

Among them, the mortise lock standard is ANSI/BHMA A156.13, 1000 series mortise lock and latch lock.

Durability

The service life of the American standard first-level door lock should not be less than 1 million times, which is 10 times than the highest standard of the national standard.

The service life of level 2 and level 3 is not allowed to be less than 800,000 times.

Safety

The products that meet the standard of the United States level 1 are much higher than the current domestic standard in terms of service life, anti-violent destruction, anti-technology opening and anti-corrosion. For other standard commercial door control systems, the operation environment, such as the use of conditions, is particularly complex and demanding. In the environment, the product of our standard gate control system is the best choice. It is mainly suitable for public buildings with high traffic and high hardware requirements.

Eco-friendly

The American standard of door control system has very detailed requirements for surface treatment and anti-corrosion, but mainly focuses on the influence of function.

Standard Content

No.	Test item/Level	Level 1	Level 2	Level 3
Size characteristic				
1	Slanting tongue length/tolerance: -1.6mm	19mm	12.7mm	
2	Stay tongue extension/tolerance: -1.6mm	25.4mm	15.8mm	
Operation test				
3	The maximum torque when knob opens tongue	1Nm		
4	The maximum torque when key opens tongue	1Nm		
5	The maximum torque when handle opens tongue	Spherical handle: 1Nm; Bar handle: 3.1Nm		
6	The maximum pressure when button open the tongue	40N		
7	The maximum force when inclined tongue open the door	20N		
8	The minimum value of extending the length when the oblique tongue in the lock state	14.3mm	9.5mm	
9	The minimum value of the extended length when the insurance in the lock state	9.5mm	7.9mm	
10	222 N the maximum opening torque or force in the test	Spherical handle: 5Nm; Bar handle 8Nm; Button: 180N; Handle: 290 N		
11	The minimum strength of the oblique tongue	5300N		
12	The minimum strength of the dull tongue	6000N		
13	The minimum force of axial tension of handle	Spherical handle: 2200N; Bar handle 1600N; Button: 670N; Handle: 2200 N		
14	Minimum radial load of the handle	1600N	1100N	670N
15	The minimum value of torque when the bar handle is in the lock state	50Nm (after completing the test, the holding torque is not greater than 3.7Nm)		
16	The minimum value of torque when the bar handle is in the no lock state	50Nm (after completing the test, the holding torque is not greater than 3.7Nm)		
17	Minimum pressure of button pressure in unlocked state	310N (after completing the test, the pressure of the button is not greater than 53N)		

No.	Test item/Level	Level 1	Level 2	Level 3	
Safety test					
18	Handle impact test (100J)	10 times	5 times	2 times	
19	Impact test for locking head or cladding (100J)	10 times	5 times	2 times	
20	Locking head impact test (100J)	10 times	5 times	2 times	
21	Slanting tongue, dull tongue impact test	The level 2 requires another twice 200J shocks	The level 3 requires another twice 160J shocks	2 times 80J impact, plus 2 times 120J shocks	
22	Tension test for locking ring or cladding	16000N	11000N	4400N	
23	Tension test of lock head body or lock head shell	16000N	11000N	4400N	
24	Holding handle torsion test in the lock state (the door has not been opened after testing)	Spherical handle	160Nm	110Nm	47Nm
		Handle Bar	240Nm	160Nm	75Nm
		Handle	3000N	2000N	1000N
25	Torque test for locking ring or cladding	160Nm	110Nm	50Nm	
26	Torque test for lock head or lock case	160Nm	110Nm	50Nm	
27	Locking tongue pressure test	Oblique tongue: 1600N; Dull tongue: 2700 N			
28	Dull tongue anti-sawing test	5 minutes			
Life test					
30	Life test	1 million times	800,000 times		
Surface quality test					
31	Neutral salt spray test	Organic coating (96 hours besides the lock body panel and gusset plate; 24 hours for the lock body panel and gusset plate); Inorganic coating: 200 hours			
32	Copper accelerated acetate spray test	All inorganic coatings: 96 hours			
33	Humidity test	organic coating (240 hours besides the lock body panel and gusset plate; 48 hours for the lock body panel and gusset plate)			
34	Pencil hardness test	All organic coatings: 4H			
35	Taber test	500 cycles			
36	Artificial perspiration test	All organic coating- 4 cycles			
37	Uv and condensation test	144 hours			
Material evaluation test					
38	Handle squeeze test (maximum load deformation of 4448N)	10%	2.5%		
39	Cover and cladding impact test, maximum after impact	1.9mm	2.5mm		
40	The deformation of the outer cover is required not to be more than 10% after the load is applied	2,900N	2,500N		

Standard Introduction of the European Standard Mortise Lock

Standard Features

Standard

The European Union's standard for door control system (EU) is the most complete standard in the world. Based on the most capable designing and manufacturing German standard in the global door control system and inclusive of standards of the UK, France, Sweden, Switzerland, Italy and other advanced standards. Lock body, lock head and handle cladding all have corresponding standards.

Durability

European standard is very strict in service life, strength, confidentiality, corrosion resistance and so on, much superior than domestic standard products. It can be designed and customized for different personnel flow density level, various use frequency, and various corrosive environment. It is mainly applicable to public buildings.

Safety

European standard has strict requirements in the products of anti-theft, anti-pry, anti-sawing, anti-drill and other anti-damage ability, anti-technology opening and other performance.

Environmental-friendly

The European standard has very detailed regulations on door lock and other door control systems, which covers door lock of all kinds of grades and requirements, and distinguish the use of various special environments. There are clear rules for surface treatment, and there are strict requirements for being environmental-friendly.

Standard Content

1、Lock body: European standard BS EN 12209 "Building hardware - lock and lock tongue mechanical lock, lock tongue and latch plate - requirements and test methods"

- The outer door lock, the ball lock, the plug lock is in the same standard.
- Standard adaptability - this standard classifies products according to 11 aspects, which can be classified into various grades and requirements.

1	2	3	4	5	6	7	8	9	10	11
Usage category	Durability and inclined tongue load	Door weight and closing force	Fire/smoke proof door applicability	Safety	Corrosion resistance and temperature	Guard and anti-drilling	Door application field	Key operation and lock type	Handle operation type	Key identification
level 3	level 12	level 9	level 2	level 1	level 8	level 7	level 15	level 9	level 5	level 9

2. Lock head: European standard EN 1303: Architectural hardware - lock heads - requirements and test methods

- Main performance and requirements include: strength, confidentiality, life, corrosion resistance
- Wide standard adaptability - this standard classifies products according to 8 aspects, and the classification is relatively fine, which can cover all grades and requirements of lock heads

1	2	3	4	5	6	7	8
Applicable scope	Lifetime	Door weight	Fireproof performance	Safety	Corrosion resistance	Security features related to keys	Resistance to attack
level 1	level 3	level 1	level 2	level 1	level 4	level 6	level 3

3. Handle cladding: European standard EN1906: Architectural hardware - Handles and knobs - requirements and test methods

- This standard is intended to ensure that the normal operation requirements but not to increase the intensity too much.
- The additional requirement is to meet the special safety device, which is applicable to situations where high risk may occur.
- This standard specifies five safety levels. Level 0 is specified in the main part of this standard as required. Level 1 to 4 according to requirements set in security locks for security doors.

1	2	3	4	5	6	7	8
Usage category	Lifetime	Door size	Fireproof performance	Protective	Corrosion resistance	Security	Operation type
level 4	level 2	level 1	level 2	level 2	level 5	level 5	level 3

1. Lock body: European standard BS EN 12209 "Building hardware - lock and lock tongue mechanical lock, lock tongue and latch plate - requirements and test methods"

1	2	3	4	5	6
Usage category	Durability and oblique tongue load	Door weight and closing force	The application of fire door/ smoke door	Safety	Corrosion resistance and temperature
Level 1: minimum security and no anti-drill	Class A: 50,000 times; Free load for the oblique tongue	Level 1: the maximum door weight is 100kg, and the closing force is 50N	Level 0: not applicable to fire door or smoke door	Level 0: no security requirements	Level 0: no detailed corrosion resistance requirement, no temperature requirement
Level 2: low security and no anti-drill	Class B: 100,000 times; Free load for the oblique tongue	Level 2: the maximum door weight is 200kg, and the maximum closing force is 50N	Level 1: applicable to fire door and smoke door. The product can be inoperable after test.		Class A: low corrosion resistance, no temperature requirement
Level 3: medium security and no anti-drill	Class C: 200,000 times; Free load for the oblique tongue	Level 3: the maximum door weighs more than 200kg, or designated by the manufacturer, with the maximum closing force of 50N			Class B: medium corrosion resistance, no temperature requirement
	Class F: 50,000 times; The oblique tongue loads 10N.	Level 4: the maximum door weight is 100kg and the closing force is 25N			Class C: high corrosion resistance, no temperature requirement
	Class G: 100,000 times; The oblique tongue loads 10N	Level 5: the maximum door weight is 200kg, the maximum closing force is 25N			Class D: very high corrosion resistance, no temperature requirement
	Class H: 200,000 times; The oblique tongue loads 10N	Level 6: the door weighs more than 200kg, or is designated by the manufacturer, with the maximum closing force of 25N			Class E: medium corrosion resistance, temperature from 20 °C to + 80 °C
	Class L: 100,000 times; The oblique tongue loads 25N	Level 7: the maximum door weight is 100kg and the closing force is 15N			Class F: high corrosion resistance, temperature from 20 °C to + 80 °C
	Class M: 200,000 times; The oblique tongue loads 25N	Level 8: the maximum door weight is 200kg, the maximum closing force is 15N			Class G: very high corrosion resistance, temperature from 20 °C to + 80 °C
	Class R: 100,000 times; Oblique tongue loading 50N	Level 9: the door weighs more than 200kg, or designated by the manufacturer, with the maximum closing force of 15N			
	Class S: 200,000 times; Oblique tongue loading 50N				
	Class W: 100,000 times; The oblique tongue loads 120N				
	Class N: 200,000 times; The oblique tongue loads 120N				

1. Lock body: European standard BS EN 12209 "Building hardware - lock and lock tongue mechanical lock, lock tongue and latch plate - requirements and test methods"

7	8	9	10	11
Guard and anti-drill	Door application field	Key operation and lock type	Handle type	Key identification
Level 1: minimum security and no anti-drill	Class A: mortise lock, door is unrestricted (hinge and slide), front is not fixed, do not use key to control the exit.	Level 0: not applicable	Level 0: a lock or spring bolt with no driving parts	Level 0: no requirements
Level 2: low security and no anti-drill	Class B: mortise lock, door (hinge), front is not fixed, do not use the key to control the exit.	Class A: with lock head and manual operation	Level 1: a lock or spring bolt with a handle or a spring handle	Class A: at least 3 beads.
Level 3: medium security and no anti-drill	Class C: mortise lock, door (slide), front not fixed, no key to control the exit.	Class B: with lock head and automatic operation	Level 2: lock or spring bolt without a spring handle.	Class B: at least 5 beads.
Level 4: high security and no anti-drill	Class D: external lock, door without limit (hinge and sliding), not fixed in front, no key to control the exit.	Class C: with lock head, with middle lock function two or more	Level 3: high requirement, but a lock or spring bolt without a spring handle.	Class C: at least 5 beads, expand the effective tooth number
Level 5: high security and anti-drill	Class E: external lock, door (hinge), front not fixed, no key to control the exit.	Class D: handle lock or spring bolt, manual lock	Level 4: high requirement but without spring handle, manufacturer designated lock or spring bolt.	Class D: at least 6 beads.
Level 6: very high security and no anti-drill	Class F: external lock, door (slide), front not fixed, no key to control the exit.	Class E: handle lock or spring bolt, automatic lock		Class E: at least 6 beads, expand the effective tooth number.
Level 7: minimum high security and anti-drill	Class H: mortise lock, door (hinge), front fixed, no key to control the exit.	Class F: handle lock or spring bolt, with intermediate lock function two or more		Class F: at least 7 beads.
	Class J: external lock, door (hinge, only open-in), front not fixed, no key to control the exit.	Class G: no key, manual operation		Class G: at least 7 beads, expand the effective tooth number.
	Class K: mortise lock, door (hinge), front not fixed, key control outlet.	Class H: no key, automatic operation		Class H: at least 8 beads, expand the effective tooth number.
	Class L: mortise lock, door (slide), front not fixed, key control outlet.			
	Class M: external lock, door (hinge), front not fixed, key control outlet.			
	Class N: external lock, door (slide), front not fixed, key control outlet.			
	Class P: mortise lock, door (hinge), front fixed, key control outlet.			
	Class R: external lock, door (hinge, only open-in), front not fixed, key control outlet.			
	Class S: mortise lock, door is unrestricted (hinge and slide), the front is not fixed, the key controls the exit.			
	Class T: external lock, door is unrestricted (hinge and sliding), the front is not fixed, the key controls the exit.			

2. Lock head: European standard EN 1303: Architectural hardware - lock head - requirements and test methods

1	2	3	4	5	6	7	8
Application range	Lifetime	Door weight	Fireproof performance	Safety performance	Corrosion resistance and extreme temperature performance	Security features related to keys	Resistance to attack
Level 1: people use it carefully. It's not easy to misuse.	Level 4: 25,000 times	Level 0	Level 0: disapprove of the fire/smoke door components	Level 0: no security requirements	Level 0: non-corrosive requirements, No temperature requirement	Level 1: refer to the following list.	Level 0: no anti-drilling requirements
	Level 5: 50,000 times				Grade A: high corrosive requirement 96H(+4H), No temperature requirement	Level 2: refer to the following list.	Level 1: net drilling for 3 minutes, total drilling for 5 minutes, resistance to mechanical attack request refer to the following table.
	Level 6: 100,000 times				Class B: non-corrosive requirements; Temperature requirements from - 20 °C to +80 °C	Level 3: refer to the following list.	Level 2: high corrosive requirement 96H(+4H); Temperature requirements from - 20 °C to +80 °C
					Class C: high corrosive requirement 96H(+4H); Temperature requirements from - 20 °C to +80 °C	Level 4: refer to the following list.	
						Level 5: refer to the following list.	
						Level 6: refer to the following list.	

Key security parameter list

Terms and conditions	Related security performance level of key	Test clause	Parameter	1	2	3	4	5	6	Unit
4.8.2	Effective minimum number of teeth	5.8.1	-	100	300	15000	30000	30000	100000	NO
4.8.3	Minimum number of beads	5.8.2	-	2	3	5	5	6	6	NO
4.8.4	The maximum number of teeth at the same level	5.8.3	-	100	70	60	60	60	50	%
4.8.5	The direct coding on the key	5.8.4	-	Yes	Yes	No	No	No	No	-
4.8.6	Inter-opening	5.8.5	torque	1.51)	1.51)	1.51)	1.52)	1.52)	1.52)	Nm
4.8.7	Lock cylinder/ anti-torque lock head	5.8.6	torque	2.5	5	15	15	15	15	Nm
1) apply before life test. 2) apply after life test										

Key security parameter list

Terms and conditions of key	Related security performance level of key	Test clause	Parameter	0	1	2	Unit
4.9.1	Resistance to drill	5.9.1	time	-	3/5	5/10	Min
4.9.2	Resistance to chisel	5.9.2	number of times	-	30	40	No
4.9.3	Anti-torque	5.9.3	number of times	-	20	30	No
4.9.4	Core/lock resistance	5.9.4	force moment	-	15	15	kN Min
4.9.5	Lock core/anti-torque lock head	5.8.6	torque	1)	20	30	Nm
1) safety performance requirements related to keys (4.8.7)							

3. Handle cladding: European standard EN1906: Architectural hardware - Handles and knobs - requirements and test methods

1	2	3	4	5	6	7	8
Application categories	Lifetime	Door size	Fireproof performance	Protective	Corrosion resistance	Security	Operation type
Level 1: moderate frequency of use, highly recommended for careful use, and low probability of misuse, such as indoor living doors.	Level 6: medium frequency: 100,000 cycles.	No classification	Level 0: cannot be used on fire/smoke doors.	Level 0: normal use.	Level 0: no corrosion resistance required	Level 0: cannot be used for security doors	Type A: auxiliary spring device.
Level 2: moderate use frequency, advocate careful use, some misuse probability, enter the indoor office door.	Level 7: high frequency: 200,000 cycles.		Level 1: suitable for assembly on fire/smoke door	Level 1: protection requirements	Level 1: mild corrosion resistance 24H(+1)	Level 1: slight resistance to theft.	Type B: load spring device.
Level 3: high frequency of use, not requiring careful use, high probability of misuse, such as public office door.					Level 2: moderate corrosion resistance 48H(+2)	Level 2: the anti-theft requirement is moderate.	Type U: no spring device.
Level 4: high frequency of use, often with strong use, such as soccer field, offshore installation (oil rig), barracks, public toilet, etc.					Level 3: high resistance to corrosion 96H(+4)	Level 3: anti-theft requirements are high.	
					Level 4: very high corrosion resistance requirements 240H(+4)	Level 4: anti-theft requirements are very high.	

Serial number	Test project	Description	Level 1	Level 2	Level 3	Level 4
1	Rotational torque	—Rotational torque ± 5%	20Nm	30Nm	40Nm	60Nm
		—Preset torque ± 0.1N.m	1Nm	1Nm	1Nm	1Nm
		—Permanent deformation at 50 plus or minus 2mm	≤ 5mm	≤ 5mm	≤ 5mm	≤ 5mm
2	The axial intensity	—Axial strength +50 % at 50 ± 1mm	300N	500N	800N	1,000N
		—The preloading is ± 1N at 50 ± 1mm	15N	15N	15N	15N
		—Permanent deformation at 75 ± 2mm	≤ 2mm	≤ 2mm	≤ 2mm	≤ 2mm
3	Idling and safety	Idling from rest to 60 ± 5 ° or maximum design				
		—At 50 ± 1mm	15N	15N	15N	15N
		—Total movement at 75 ± 2mm	≤ 10mm	≤ 10mm	≤ 6mm	≤ 6mm
		Safety requirements	Yes	Yes	Yes	Yes
4	Free angle motion	—At 50 ± 1mm	15N	15N	15N	15N
		—Measurement of displacement at 75 ± 2mm	≤ 10mm	≤ 10mm	≤ 5mm	≤ 5mm
5	Turning gear moment	—No spring handle	≤ 0.6Nm	≤ 0.6Nm	≤ 1.5Nm	≤ 1.5Nm
		—No spring knob	≤ 0.6Nm	≤ 0.6Nm	≤ 0.6Nm	≤ 0.6Nm
		—Load spring handle/knob.	≤ 1.5Nm	≤ 1.5Nm	≤ 2.4Nm	≤ 2.4Nm
		—Auxiliary spring handle:		≤ 0.6Nm	≤ 1.5Nm	≤ 1.5Nm
		A. operation handle	≤ 1.5Nm			
		B. turning handle	≤ 0.6Nm	≥ 40°	≥ 40°	≥ 40°
		Rotation Angle		±2°	±1°	±1°
—Except the auxiliary spring handle	≥ 40°					
6	Life test	Static load spring handle/knob limit deviation	±4°			
		—Cycle times + 1.0 %	100,000	100,000	200,000	200,000
		—Force L +50 %	60N	60N	100N	100N
		—Force P+50 %	60N	60N	100N	100N
		—Static limit deviation after test (except auxiliary spring handle)	±4°	±2°	±1°	±1°

Introduction of Chinese Mechanical Anti-theft Lock Standard

Standard Features	
Standard	The standard of GA/T73 "Mechanical anti-theft lock" issued by the ministry of public security is divided into three levels: A,B and C, with the highest level C.
Durability	The standard of mechanical anti-theft lock is A class of 60 thousand times, and class B, class C is 100,000 times.It is mainly applicable to anti-theft.
Safety	The standard of mechanical anti-theft lock is required for the product's number of teeth and the mutual opening rate, and it can resist the damage of the product, such as anti-theft, anti-pry, anti-sawing, anti-drill and so on.The performance indexes such as force and anti-technology opening have specific regulations and requirements, and the comprehensive indexes are relatively high.
Eco-friendly	Need to do neutral salt spray test, level A: 24 hours;Class B: 48 hours;Level C: 72 hours, level 6 is required.

Standard Content				
Test project	Level	A	B	C
The thickness of the material	Lock body cover plate thickness	2.5mm	2.5mm	3mm
	Thickness of lock shell and latch plate	1.5mm	1.5mm	2mm
Locks requirements	Key amount	≥ 60,000	≥ 30,000	≥ 30,000
	Mutual opening rate	≤ 0.03%	≤ 0.01%	≤ 0.01%
	Difference exchange number	1	2	2
	The locking head connects the screw to bear the tension	3,000N	3,000N	3,000N
	Live lock head to withstand pull	3,000N	3,000N	3,000N
	Exposed length	≥ 20mm	≥ 20mm	≥ 24mm
Main lock tongue requirement	Axial static pressure (less than 5mm)	2KN	4KN	6KN
	Lateral static pressure	6KN	6KN	6KN
Latch requirement	Lateral static pressure	2KN	2KN	3KN
Handle requirement	Resistance tension	1.6KN	1.6KN	1.6KN
	Resistance torque	25Nm	50Nm	75Nm
Strength requirement of lock box lock plate	Lock box axial static pressure	3,000N	5,000N	7,000N
	Lock plate side to static pressure	3,000N	5,000N	7,000N
	Lock plate tension	3,000N	5,000N	7,000N
	Locking plate anti-lift force	1,000N	3,000N	4,000N
Anti-damage working hours (minutes)	Anti-drilling	10	15	30
	Sawing resistant	5	5	30
	Pick-proof	10	15	30
	Pulling resistant	10	15	30
	Attacking resistant	10	15	30
Anti-technology opening	1	5	10	
Corrosion resistant	Neutral salt fog test level 6	24 hours	48 hours	72 hours
Flexible	The key operates the oblique tongue torque	≤ 1.5Nm	≤ 1.5Nm	≤ 1.5Nm
	Handle to operate oblique tongue torque	≤ 3Nm	≤ 3Nm	≤ 3Nm
	The oblique tongue inserted axial static pressure	2.5N-9.8N	2.5N-9.8N	2.5N-9.8N
	Locking force for oblique tongue	≤ 49N	≤ 49N	≤ 49N
	Static pull of key pulling	≤ 9.8N	≤ 9.8N	≤ 9.8N
General requirements	1. The main lock tongue should not be opened without the key, and the main lock tongue should be locked			
	2.The lock should not be a single row of beads. It should be multi-row beads, single row compound beads, blades or levers, and the internal and external keys should be the same when the double-head locks are used			
	3.When the handle or handle is damaged by external forces, the structure fails or is separated from the lock body, and the main lock tongue should remain locked.			
	4.After the lock tongue is closed, the end face of the locking tongue should be no more than 1mm from the panel, not less than 0.5mm, and the clearance between the latch panel and the lock shell shall not be greater than 0.5mm.			
	5. The clearance between the shoulder of the lock core and the shaft of the lock head is not greater than 0.2mm, and the clearance between the latch and the latch is not greater than 0.5mm.			

Introduction of Chinese Mortise Lock Standard Cylinder

Standard Characteristic	
Standard	In China, the standard of mortise lock, the relevant standard currently has QB/T2474 billiards mortisedoor lock, which is divided into A,B and C, with the highest grade A.
Durability	The standard has made specific requirements for the flexibility, firmness, density, durability,appearance and testing methods of the products, mainly for home decoration market and publicbuildings.It is mainly applicable to anti-theft.
Safety	The standard has requirements for the number of teeth and the inter-opening rate of the products,but there are no regulations and requirements for anti-theft, anti-pry, anti-sawing, anti-drill and other anti-damage ability and anti-technology opening.
Eco-friendly	The standard has a requirement on the appearance of the door lock, which is specific to the corrosion resistance of the electroplating layer, but it is not very high. It is basically a neutral salt spray test 24 hours level 6.

Standard Content											
Category	Test items	Unit	Level A	Level B	Level C	Category	Single-row billiard	Unit	Level A	Level B	Level C
Insurance density	Number of key teeth ≥	pcs	6	6	6	Strength degree	The length of a single tongue ≥	mm	19	12	12
	The theory number of the key teeth ≥	type	50000	14000	6000		The length of the tongue ≥	mm	12	11	11
	The number of different height key tooth ≥	pcs	5	5	5		The length of the tongue ≥	mm	20	14.5	12.5
	The adjacent number of the same tooth ≤	pcs	2	2	2		The length of the tongue ≥	mm	14	12.5	12.5
	The interlocking rate of interlocking core ≤	%	0.021	0.082	0.205		Oblique lateral static load	N	5000	2000	1500
	Safety device of lock head ≥	pcs	5	2	1		Static load on the side of tongue and tongue	N	5000	5000	1500
Durability	Oblique tongue, hand, press button mechanism durability	time	300000	200000	100000	Safe tongue axial static load	N	1600	1100	670	
	Tongue and tongue mechanism manual lock and durability	time	50000	25000	10000	Static load on the tongue axis	N	5000	2000	1000	
	Automatic locking of tongue and tongue mechanism	time	100000	750000	50000	Hook tension	N	5000	1500	800	
	The locking mechanism is durable	time	100000	750000	50000	Locking the external bending of the hand torque	N.M	40	50	20	
	Knob mechanism durability	time	100000	750000	50000	Lock the state outside the ball holder torque	N.M	54	17	14	
Flexible	Key, knob, closed tongue torque is less than ≤	N.M	1			Strength degree	Unlocking the state bend to hold the torque	N.M	56	26	17
	The bending moment ≤ the closing moment	N.M	5				Unlocking state spherical holder torque	N.M	50	15	12
	The torque of the spherical holder ≤ that of the closed tongue	N.M	1				Holding the radial static load	N	1100	1100	1100
	Press the button to open the inclined tongue force less than or less	N	40				Bend the hand shaft to the static pull	N	1600	1000	1000
	Key insertion force No more than 6 blocks prevent activity from being less than or equal to	N	15				The ball holds the hand axial static pull	N	2200	1500	1000
	More than 6 prevents the activity from being ≤	N	22				Knob torque	N.M	5	5	5
	Oblique tongue return force >	N	2.5				Knob axial static tension	N	670	670	670
	The closing force of the oblique tongue is ≤	N	20				Locked state external press button static load	N	670	670	670
Appearance quality	The tongue axis loads the load	N	15N			To unlock the state, press the button static load	N	500	500	500	
	The lock step and the lock body fit the gap	mm	0.5			Locking torque	N.M	16	10	5	
	The locking tongue and the latch hole cooperate with the clearance	mm	1			The key of torque	N.M	5	2.5	2	
	When the tongue is retracted, it is flat or higher than the latch panel	mm	1			Side static load of the locking plate (inclined tongue hole)	N	5000	2000	1500	
	The slanting tongue retracts higher than the latch panel	mm	1			Side static load on the latch plate	N	5000	5000	1500	
	The retraction of the oblique tongue is lower than the latch panel	mm	0.5			Static pull of the latch plate	N	5000	1500	800	
	The ramp plane of the oblique tongue is higher than the latch panel	mm	2.5			Static load on the lock shaft	N	1500	1000	500	
	Neutral salt spray test level 10	h	96	48	24	Torque of locking drive	N.M	5	2.5	2	
	The hardness of organic coating pencil ≥	H	2H in GB/T6739			Riveting strength	-	All kinds of riveting pieces are not loose			
	The adhesion of organic coating ≥		GB/T9286 level 2			The anti-attack of cladding (cover ring) ≤	mm	2.5	5.8	5.8	

Introduction of Chinese Fireproof Lock Standard

Standard Features	
Standard	There is no single standard for fireproof locks, which is usually performed according to the requirements and test methods of the fireproof locks of GB 12955-2008. Therefore, the fire lock is mainly used on fire doors.
Durability	Fire doors are not required for durability of fire locks, only fire-resistant time is required.
Safety	It is mainly reflected in the guarantee of personal safety. When the fire resistance experiment is made in a certain time, the door fan should always be closed to ensure indoor people having plenty of time to escape.
Eco-friendly	The standard requirements for QB/T2474 are basically 24 hours and 6 levels of salt spray test.

Standard Content

Standard requirement	4.4 Fire door fire resistance classification: class A (thermal insulation) : A3.0,A2.0,A1.5(class a),A1.0(class b), A0.5 (class c).The number represents refractory limit time (integrity and thermal insulation).Class B (partial heat insulation) :.Class C (non-thermal type) : heat insulation is not required	
	5.2.5.2 Other materials used for fire prevention door shall meet the requirements of A1 level in GB 8624-2006 'classification of building materials and product combustion performance', and the melting point shall not be less than 950 degrees.	
	5.3.1.1 The door lock of fire door shall be fire lock.	
	5.3.1.2 In the lock core mechanism of the door fan, the fire lock shall have the hand or the push rod mechanism, which shall not be allowed to replace the holding hands with round or spherical knob (except for special parts, such as the pipe well door, etc.)	
	A1.1 The firmness, flexibility and appearance of the fire lock shall be in conformity with QB/T2474.	
	A1.2 Fire resistant lock fire resistance.	
	A1.2.1 The fire-proof time of the fire lock shall not be less than the fireproofing time of the door.	
Test method	6.12.1 The lock is installed in the test fire door, and the oblique tongue of the fire lock is met, not use the key to lock the door leaf. The fire resistance test (see the table below) is conducted according to GB/T7633, and the A1.2 requirements are met.	

Standard requirement	1. Test equipment: heating furnace, temperature test device in furnace, test device of back surface temperature test.								
	2. Heating time: time temperature relationship.								
	Time (min)	5	10	15	30	60	90	120	180
	Temperature (T)	556	659	718	821	925	986	1,029	1,080

Test method	6.5 Cotton cushion test In the experiment, when the door fan and its surrounding flame or gas may appear, whether they are cracks, holes or other gaps, they should be in these channels. Place a cotton pad every once in a while to test, the pad and the channel to maintain 20-30mm distance, the cotton cushion starts to catch fire, record the time and the burning part. Fire resistance integrity: 1. If there is a flame on the back surface for more than 10 seconds, it should also be recorded if there is smoke emission. 2. If the flame on the back of the test piece lasts for more than 10 seconds, or the pad starts to catch fire, the fire resistance limit has been reached. Fire resistance: 1. The highest temperature of the door frame back fire is 180 degrees higher than the initial temperature. 2. The average temperature of the door frame back fire is 140 degrees higher than the initial temperature.								

Introduction to the Standard of Chinese Panic Exit Push Rod Lock

Standard Features	
Standard	At present, there are standard GB30051 General technical specification for latch panic exit door lock and JG/T 290 Building push rod device for evacuation doors, we execute GB30051
Durability	There are 3 levels for service life, level I 300,000 times, level II 200,000 times, level III 100,000 times
Safety	The main purpose is to ensure the safety of the person, the door under certain pressure, push the lock handle at any position, the door will open. And during a certain time for the fire resistance experiment, the door fan should always be in the closed state, to ensure that the indoor staffs having sufficient escape time.
Eco-friendly	There is no specific provisions for surface corrosion resistance.

Standard Content

Level	Level I	Level II	Level III
Lock head requirements	300,000 times	200,000 times	100,000 times
Lock tongue requirements	The total length of the door lock is not less than 2/3 of the width of the door leaf		
	The total length of the push rod is not less than 1/2 of the width of the door leaf		
Lock tongue requirements	The cooperative gap between the lock tongue and the lock tongue hole is no more than 1 mm		
	The exposed length of lock tongue at the shell is no less than 12mm		
	When the lock tongue is back to the shell, the gap between the lock tongue front face and shell front face is ± 0.5 mm		
Handle requirements	The door lock is flexible opening		
	The axial static pressure of the lock tongue is 3N~12N		
Service life requirements	When there is no load, the opening force is no more than 70N		
	When the load is 1,100N, the opening force is not more than 220N		
Surface requirements	The locking tongue is subjected to a lateral static load of 1,000N, after 30 seconds, it can work normally		
	The door in the closed state, the evacuation direction is subjected to 1,780N thrust, the door cannot be opened After the pressure of 110 and the impact test of 2.65J, the lock body should not be deformed or damaged		
Surface requirements	The back surface should not appear flame over a continuous time of 10 seconds		
	The tongue should not rebound, and the fire door is always closed		
	No melting and obvious deformation of every component		

Introduction of Chinese Hinge Standard

Standard Features	
Standard	At present, China's standard for hinge and hinges is QB/T 4595.1-2013 "Hinge: Part 1- the common hinge", QB/T 3874 "The common hinge", JG/T 125 "hinge of building doors and windows", QB/T 4063 "Bearing hinge", GB 7276 "general technical specification for hinge". we implemented QB/T 4595.1-2013
Durability	The service life is divided into three levels, level 1-300,000 times; level 2-150,000 times and level 3-50,000 times.
Safety	It is mainly to ensure the safety of the person, require different specifications of hinges (hinge) to match different weight of the door leaf, to ensure that the door leaf does not fall off and hurt the staff
Eco-friendly	The neutral salt spray was tested for 18 hours and required to reach level 8.

Standard Content							
Size deviation	Category	Length	Pitch-row	Thickness	Width	The pitch-row is the gap between two adjacent holes.	
	Deviation (mm)	0-0.76	±0.13	±0.20	±0.38		
Axial clearance and radial clearance	Clearance (mm)	No more than 0.4					
Requirements after the life span test	Category	Life span (10,000 times)	Axial wear (mm)	Radial wear (mm)	Door leaf sinking (mm)	The experiment was carried out at (12 ± 3) times /min frequency.	
	Level 1	30	0.5	1.57	5		
	Level 2	15	0.76				
	Level 3	5	1.57				
Handle requirement	Hinge length (mm)	88.9 (90)	101.6 (100)	114.3 (110)	127.0 (125)	152.4 (150)	203.2 (200)
	Level 1 & Level 2	2.2	2.8	3.3	3.9	5.1	6.7
	Level 3	2.8	4.4	6.7	7.8	8.9	
Loading	Hinge length (mm)	88.9 (90)	101.6 (100)	114.3 (110)	127.0 (125)	152.4 (150)	Medium-sized hinges
	Thickness of hinge (mm)	2.5	3.0	3.0	3.0	3.0	
	Applicable door weight (Kg)	20	27	34	45	57	
	Hinge length (mm)	114.3 (110)	127.0 (125)	152.4 (150)	203.2 (200)	Heavy duty hinges	
	Thickness of hinge (mm)	4.0	4.0	4.0	4.0		
Applicable door weight (Kg)	68	79	104	135			
Corrosion resistance	Salt spray test	The neutral salt spray was tested for 18 hours and required to reach level 8					

Introduction of Door Stopper and Door Clasp In China

Standard Features	
Standard	At present, the standard of Chinese door stopper and door clasp is QB/T4596 "Door stopper and door clasp"
Durability	Only the door stopper has the durability requirement, the service life requirement 100,000 times, the door clasp has no requirement
Safety	It is mainly embodied in the safety of the family property, and the specific requirements on the strength
Eco-friendly	The neutral salt spray was tested for 24 hours, and the magnet part was 6 hours and required to reach level 10

Standard Content		
Category	Test project	Requirement
Lock head requirements	Corrosion resistance of electroplating layer	Neutral salt spray test 24 hours (including 6 hours for magnets), level 10
Lock tongue requirements	Adhesion of coating surface	Pencil hardness 2H, adhesion level 3
	Product base planeness	Not more than 1% of product length L
Lock tongue requirements	Vertical door stopper	30N~80N
	Horizontal door stopper	5N~10N
	Axial	Door shaft: 400N; The door clasp: 800 N
Handle requirements	Radial	Door shaft: 800N; The door clasp: no
	The door draws and closes repeatedly	After 100,000 times, the operating force meets the standard requirements

Introduction of Chinese Door Latch Standard

Standard Features	
Standard	At present, the standard of China's relevant door latch is QB/T 2032-2013 "Steel door latch"
Durability	Life expectancy is 10,000 times
Safety	It is mainly embodied in the safety of the family property, and the specific requirements on the strength
Eco-friendly	The neutral salt spray was tested for 18 hours and required to reach level 10.

Standard Content		
Category	Test project	Requirement
Surface quality	Corrosion resistance of electroplating layer	Neutral salt spray test 24 hours, level 10
	Adhesion of coating surface	Pencil hardness 2H, adhesion level 3
Size deviation	The exposed length of pin tongue	Not less than 9 mm
	Product base planeness	Not more than 1% of product length L
Operating force (torque)	No-load use	30N force or 4Nm torque
Strength	The length of the plugboard ≤ 150mm	The lateral side is 1,000N, and the end is 50N
	The length of the plugboard > 150mm	The lateral side is 1,000N, and the end is 100N
Durability	Repeatedly opening and closing	10,000 times