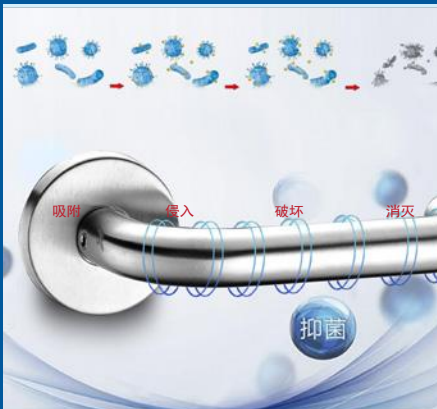
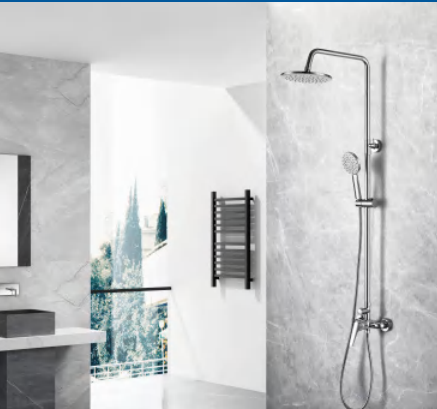


Hospital Hardware Solutions



Hospital Hardware Solutions



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STOCK CODE: 002791

Improve the human being’s living conditions and make Kinlong the synonym for high-quality.

More than **900,000** _{m²} production area.

More than **60** subsidiaries.

More than **1000** sales offices both in domestic and overseas .

More than **15,000** employees.

ESTABLISHING BENCHMARK AND PURSUING EXCELLENCE

Kinlong was established in 2003 and is a company engaged in design and research, manufacturing and sales of construction and building products. We are committed to provide high-quality products and services. After years of development, Kinlong has become a reputable brand in the construction industry.

Kinlong industrial park has an area of more than 900,000 square meters and has an employment of more than 15000 staff. Kinlong owns more than 60 subsidiaries, and with over 1000 sales branches in the domestic and overseas markets. The company has more than 20,000 categories of products, which has been sold to more than 100 countries and areas. Kinlong, with it's sophisticated production management, provides customers with integrated solutions for different functional buildings.

Focusing on providing integrated construction and building accessories and diversified products, Kinlong continues to meet customer needs and market changes with the sales model of "R&D + manufacturing + service", and sets up its own marketing networks to directly provide customers with products and technical services. With years of precipitation and accumulation, Kinlong is at the forefront of the industry.

Over the years, Kinlong has been embracing the philosophy of “Unique value is created by professionalism, but no future shall be created by speculation”. This has made Kinlong standing on the leading position in construction hardware market. Kinlong has provided products and services for many famous buildings around the world, and the landmark buildings of countless cities have become the pride and glory of Kinlong people.

To every designer, engineer and company committed in construction industry, Kinlong is always the most trustworthy and reliable partner.

Social Responsibility



For more than ten years, Kinlong has not forgotten to give back to the society while developing itself. By the end of 2024, more than 90 kinlong social charity schools have been donated and built in remote and backward areas.



INNOVATION AND ENTERPRISING INDUSTRY BENCHMARK

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ENTERPRISE REPRESENTATIVE HONOR

Second Prize in National Science and Technology Progress Award

First Prize in Huaxia Construction Science and Technology Award

Second Prize in Huaxia Construction Science and Technology Award

Special Prize in China Steel Structure Association Science and Technology Award

First Prize in China Steel Structure Association Science and Technology Award

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The most influential brand of Jinxuan Award in the construction door, window and curtain wall industry for four consecutive sessions;

2021 TOP500 Preferred Supplier of Comprehensive Strength of Chinese Real Estate Development Enterprises-Smart Community Service Category

National High-Tech Enterprise

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REPRESENTATIVE R&D INNOVATION HONOR

National Intellectual Property Demonstration Enterprise

Laboratory center approved by the National Accreditation Board

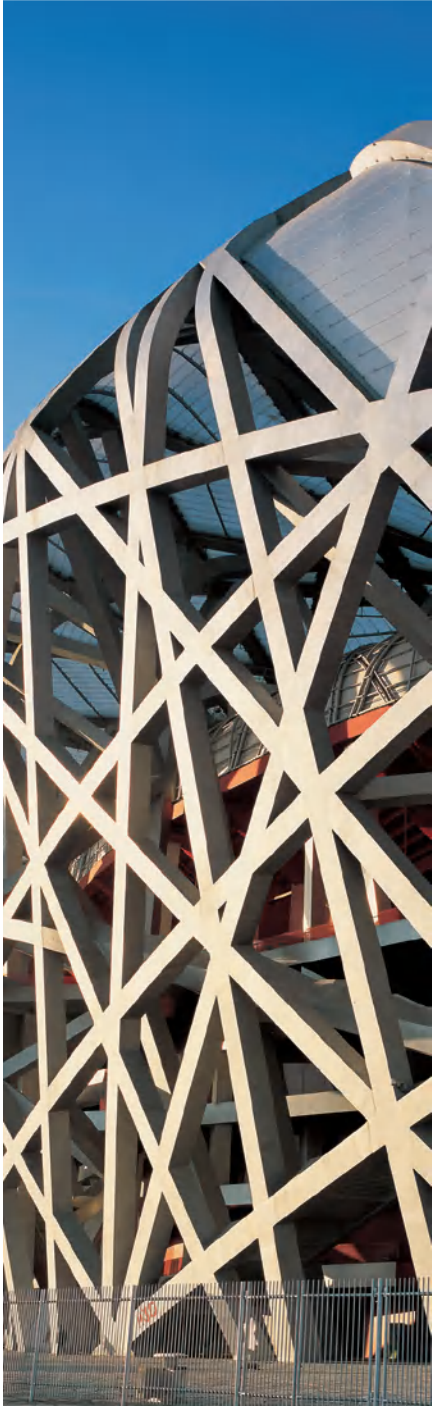
Guangdong Provincial Enterprise Technology

Center and Provincial Engineering Center

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Kinlong adheres to the philosophy that Unique value can only be created by professionalism,speculation has no future. Our enterprise core value is to respect Respecting science; Striving for coexistence and all-win; Promoting constant innovation; Pursuing sincerity and trustworthiness. and we always insist making innovation, breaking through and making progress, increasing our capacity of research, by which we have obtained recognition and praise from government departments, units and all areas in the society and get many achievements. We pay great attention to the needs from our customers and the prospect of our industry, consistently pursuing perfect, good quality, excellent service and systematic solutions. Our quick and accurate ability of handing over are always leading the market.

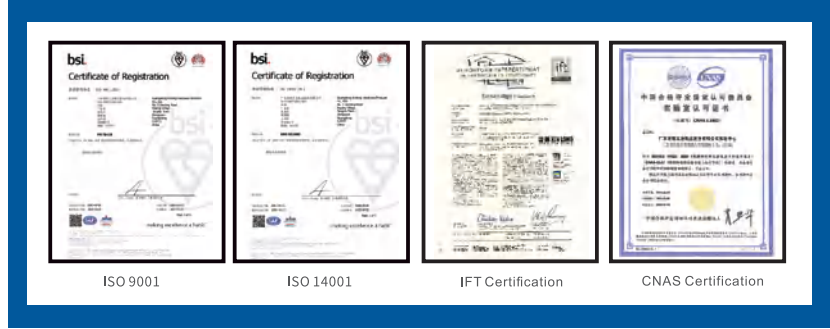
Kinlong leads the market with good quality, excellent service, systematic solutions and fast and accurate delivery.



To Form a Full-chain Comprehensive Advantage



Quality Comes from Profession



Management system certificated by ISO9001,ISO14001 of BSI.Test Laboratory accredited by the China National Accreditation Service of Conformity Assessment(CNAS).

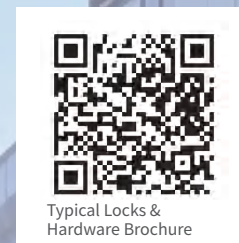
International Supply Chain to Guarantee Better and Better Service



Kinlong owned more than 1000 sales outlets at home and abroad, with a sales team of more than 5,000 staff to provide customers with rapid response.With more than 30 offices,10 subsidiaries,15 warehoused overseas market,and more will be set up.

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Typical Locks & Hardware Brochure



Typical Bathroom Hardware Atlas



Typical Shower Room Products



Trane Protective Film Product Catalog



Fire Door Hardware Integration Brochure



Shower Bathroom Hardware Scene Integrated Product Gallery



Hardcover House Hardware Configuration Atlas



Railway Hardware Configuration Brochure



Apartment-Hotel Hardware Configuration Brochure



School Hardware Configuration Brochure



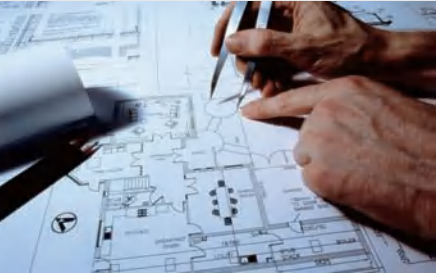
Hospital Hardware Configuration Brochure



Factories-Malls-Offices Hardware Configuration Solutions

For more product information, please scan the QR code in the image above

Integrated Solutions Provider



R & D patent

There are more than 800 patents in domestic and abroad

R & D support

R & D Integration



Product category

It has more than 10000 products and a constantly updated product library

Product support

Product integration



Organization and team

More than 4000 sales service teams from more than 500 sales service institutions in domestic and abroad

Service support

Service integration



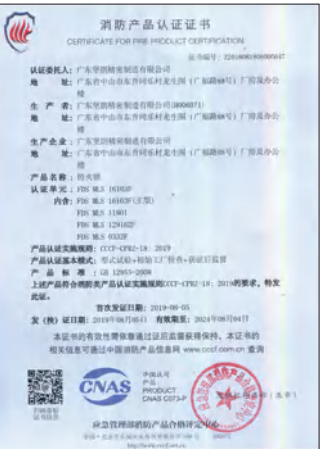
Integrated system

Stock storage system
Professional installation team
Perfect logistics distribution system

Warehousing, logistics, installation support,

Warehousing, logistics, installation integration

Certificates from authorities





Taikang Southwest Tianfu Hospital



Zhejiang Quzhou Central Hospital



Jin Zhu Hospital, Guizhou Provincial People's Hospital



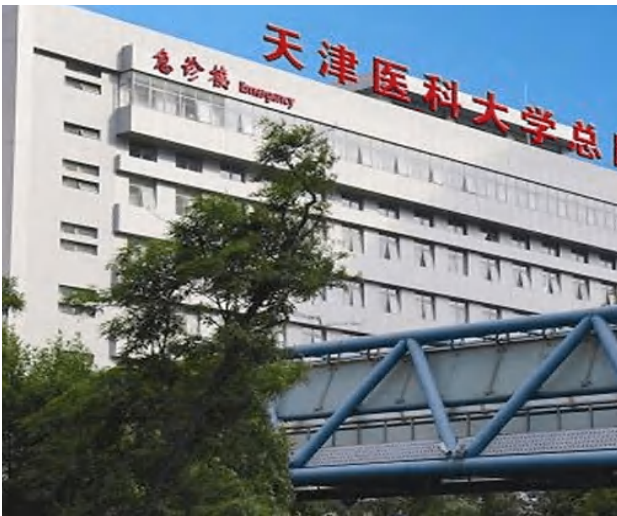
Xi'an First People's Hospital



Ningbo Ninth Hospital



Nanjing Xianlin Hospital



Tianjin Medical University General Hospital



Shanghai Shouguang Hospital of Traditional Chinese Medicine

Regulations For The Architectural Design Of Medical Buildings

Medical Buildings Should Be Designed To Meet

GB 50016-2014	《Fire Prevention Code for Building Design》
GB 51039-2014	《Code for the Architectural Design of General Hospitals》
GB 50333-2013	《Technical Code for the Construction of Clean Surgical Departments in Hospitals》
GB 51058-2014	《Building Design Code for Psychiatric Hospitals》
GB 50849-2014	《Building Design Code for Hospitals for Infectious Diseases》
JG110-2008	《Standard for the Construction of General Hospitals (2022 edition, latest edition)》
GB 55019-2021	《General Specification for Accessibility in Construction and Municipal Engineering》

1、Basic Principles Of Fire Protection Design

▲ In hospital buildings, independent office buildings, dormitory buildings, etc., do not belong to medical buildings and should be implemented according to the fire codes and technical standards for the corresponding functions.

▲ Offices and other auxiliary function places attached to medical buildings do not affect the characterization of medical buildings.

▲ Outpatient buildings and ward buildings of hospitals belong to crowded places.

▲ Medical buildings belong to public buildings, of which high-rise medical buildings belong to a class of high-rise civil buildings.

2、Fire Resistance Level, Fire Partitioning And Fire Isolation Measures

▲ In addition to the area of fire protection partition should be determined according to the fire resistance level and building height of the building, the ward part of the fire protection partition on each floor should be re-separated according to the size of the area and the evacuation route. When there are 2 or more nursing units on the same floor, the entrance of the unit leading to the public aisle shall be equipped with Class B fire door.

▲ The clean operation department should be divided into separate fire partition. When it is in the same fireproof partition with other departments, effective fire and smoke separation measures shall be taken, and it shall be separated from other parts by fireproof partition walls with fire resistance limit not less than 2.00h; except for the doors directly leading to open external corridors or doors directly external to the outside, the doors connecting to non-clean areas shall adopt fireproof doors with fire resistance limit not less than Class B, or other fireproof doors shall be adopted in the openings connecting to prevent the spread of fire proof measures.

▲ When the floor area of each floor or a fire protection partition in the clean operation department is more than 2000 square meters, it is appropriate to use the fireproof partition wall with fire resistance limit of not less than 2.00h to separate into different units, and normally open Class A fireproof door shall be used at the connecting place of adjacent units, and the roller shutter shall not be used.

▲ Adjacent nursing units in ward buildings of hospitals and sanatoriums shall be separated by fireproof partition walls with fire resistance limit of not less than 2.00h, the doors on the partition walls shall adopt Class B fireproof doors, and the fireproof doors set on the aisles shall adopt normally-opening fireproof doors.

▲ The wards, labor and delivery rooms, operation departments, rooms for precise and valuable medical equipment within the fireproof partition shall be separated from other parts by non-combustible bodies with fire-resistance limit of not less than 2.00h.

▲ Operating rooms or operation departments, maternity wards, intensive care units, rooms for valuable and precise medical equipment, storage rooms, laboratories, film rooms, etc. in medical buildings shall be separated from other places or parts by fireproof partition walls with fire-resistance limit of not less than 2.00h and floor slabs of 1.00h. Doors and windows that must be set on the walls shall be class B fireproof doors and windows.

▲ The parts of ceiling technology mezzanine connected with operation rooms, auxiliary rooms, etc. shall take fire and smoke prevention measures, and the fire-resistance limit of the separator shall not be less than 1.00h.

Setting up the molecular sieve oxygen generator group oxygen station should meet the following requirements:

- ◆ Normally-open fire door, to be used in conjunction with electromagnetic door suction, in case of fire, electromagnetic door suction can be automatically released to allow the door to close automatically.
- ◆ Oxygen generating station should be set up independently or on the roof of the building.
- ◆ The fire resistance limit of partition wall between the oxygen manifold and the machine room should not be less than 1.5h, and the contact door between the oxygen manifold and the machine room should adopt Class A fire door.
- ◆ The fire resistance limit of partition wall between oxygen storage tank and machine should not be less than 1.5h, and the contact door between oxygen storage tank and machine should adopt Class A fire door.

3、Safety Evacuation

3.1 Forms of evacuation stairwells

▲ Evacuation stairways in multi-story medical buildings shall be enclosed stairwells, except for stairwells directly connected to open exterior corridors, which may be open stairwells.

▲ Evacuation stairways in high-rise medical buildings shall be smoke-proof stairwells.

3.2 Installation of room evacuation doors and safety exits

▲ Located between the two safety exits or bag-shaped walkway on both sides of the room, when the floor area is not more than 75m², can be set up one evacuation door.

▲ The number of evacuation doors for rooms in other cases shall be calculated and shall not be less than 2.

▲ When the automatic sensor door set up in the clean operating room can be opened manually after a power failure, it can be used as an evacuation door.

▲ The number of safety exits for each fire partition or each floor of a fire partition in a medical building shall be determined by calculation and shall not be less than two.

▲ A single-story medical building with a floor area of not more than 200m² and a number of people not exceeding 50, or a medical building located on the first floor of a multi-story public building, may be provided with one safety exit or one evacuation staircase.

▲ Nursing unit safety exits shall comply with the following requirements:

- ◆ Each nursing unit should have 2 safety exits in different directions.
- ◆ When the distance from the door of the furthest room to the external safety exit and the distance from the furthest point in the room to the door of the room do not exceed the provisions of the fire code for the design of buildings in the case of an end-type nursing unit, or a treatment room that is self-contained in a single area, there may be one safety exit.
- ▲ Hospitals and other densely populated places, the need to control the casual entry and exit of the safety exit, evacuation door, or with access control system, should ensure that the fire without the use of keys and other tools that can be easily opened from the inside, and should be set up in a prominent position, “Emergency Exit” logo and the use of tips. For details, please refer to “Fire Safety Management of People-intensive Places” (GA654).

3.3 Shelter floors and shelters

▲ Medical buildings belong to public buildings, building height greater than 100m public buildings, should be set up refuge floor (room), the specific setup requirements are detailed in the “Building Regulations” 5.5.23; in addition, the following cases should be set up refuge room:

- ◆ High-rise ward buildings shall set up refuge rooms on ward floors and clean operation departments on the second floor and above, and the specific setup requirements are detailed in 5.5.24 of the Building Regulations.
- ◆ When the height of the floor where the clean surgical department is located is more than 24m, a refuge room should be set up in each fire partition.

Tender Technical Requirements Template

1. Summarize

In accordance with the design drawings and specifications, provide the hospital with an overall hardware configuration that meets the requirements of different levels of security, management and control functions. Hardware” in this chapter includes all indoor and outdoor swinging wooden, metal and glass doors and sliding and sliding doors of the project, excluding fences, rolling doors and window hardware. However, if necessary, it may be uniformly provided by the hardware supplier.

Hardware includes, but is not limited to, the following varieties:

Hinges

Door locks (including handles)

Lock cylinders and key systems

Escape devices

Door closers, floor springs

Small fittings (door tops or door suckers, concealed pins, smoothers, pulls, etc.)

2. Norms And Standards

1) Product standards and specifications include (not limited to)

BS EN 1935:2002 《Requirements and test methods for single shaft hinges》

BS EN 1125: 2008 《Escape devices》

BS EN 1154:1996 《Door closers》

BS EN 12209:2003 《Locks and latches - Requirements and test methods for mechanical locks, latches and catches》

GB12955-2008 《Fire doors (including fireproof hardware》

GA 93-2004 《Fire-proof door closers》 .

GB/T7106-2019 《Grading and Testing Methods for Airtightness, Watertightness and Wind Pressure Resistance of Exterior Doors of Buildings 》

GA/T73-2015 《 Mechanical Anti-theft Locks》

QB/T 2474-2017 《 Cylinder Door Locks》

GB16807-2009 《Fireproof Intumescent Seals》

GB 50016-2014 《Code for Fire Protection in Building Design》

GB/T 41659-2022 《General Technical Requirements for Medical Doors for Building Use 》

2) Fireproof performance standards

The main hardware selected on the fireproof door must comply with the following standards:

Pass the fire test of China National Fire Door Test Standard GB12955-2008 for more than 1.5 hours, and the door locks and door closers should have fire certification.

3) Anti-bacterial standard

Hardware in contact with hands should be antimicrobial treatment

Through the JIS Z2801: 2000 (ISO22196) “antimicrobial processing products Antimicrobial test methods - antimicrobial effect” test equipment involved in the product standards, norms; engineering standards, norms; acceptance standards, norms, etc. should be fully satisfied with all the People's Republic of China's current regulations and norms, including but not limited to the above. The above norms and standards become the terms of this standard through the reference of this requirement. All specifications and standards default to the latest version of these documents. Where there is any discrepancy with the date of the current version, the latest version shall prevail.

3.Manufacturer Qualification

1) Manufacturer: One manufacturer to provide overall hardware (e.g. hinges, locks, door closers, escape devices, etc.). The manufacturer should have passed ISO9000 quality system certification, the group size must be more than 2,000 people, there are testing institutions certified by the national laboratory, municipal technology center or R & D center, and is a national high-tech enterprises, the factory should have a floor area of not less than 50,000 square meters, the registered capital requirements of more than 300 million, the manufacturer must unconditionally accept the relevant personnel to the factory site visits.

(2) Supplier or sales company: Suppliers of architectural door hardware should have more than five years of experience in supporting projects. The supplier should hire an experienced consultant who is an expert member of the Chinese daily-use hardware industry to provide technical consulting services on hardware for the owner, designer and contractor during the whole project period. The supplier should also be responsible for coordinating with all relevant other hardware suppliers to ensure that the products match each other.

4. Technical Requirements

4.1、 Door Locks

- 1). Office or ward door lock adopts split cover-ring handle lock, the lock body passes the European standard EN12209-2003 level 3 test and and have CE certification.
- 2) .Fire door locks with split cover ring type handle lock, lock body through the European standard EN12209-2003 three-level testing and have CE certification, and through the Chinese fire test standard GB12955-2008 1.5 hours of fire test, to obtain the fire certification qualification; handle should be 304 stainless steel material.
- 3) .Door opening method should be used handles, handles should be used U-type or will not scratch the shape of the clothes.
- 4) The lock opening life circle is required to be more than 200,000 times.

4.2、 Cylinder And Key Management Systems

- 1) The lock cylinder shall be a high-security lock cylinder of bullet structure with nickel-white brass key as standard.
- 2) KEY MANAGEMENT SYSTEM: Depending on the management needs, a General Key Management System (GGMK) with four or more levels may be established. The key tusk level difference is 5 or more, and temporary interchangeable lock cylinders and building keys are used during the construction period. Replacement with official interchangeable cylinders at the end of construction. Each official key is permanently embossed with a master key code steel stamp. Each official lock cylinder is permanently embossed with the master key code steel stamp in a concealed location. The supplier shall provide the manufacturer's production file code, master key system diagram and system door list for the end user's records. A minimum of five (5) successful master key system applications.

4.3、 Anti-Theft Lock

Inside the door:

- 1) At any time press the handle indoor to retract both the tilt tongue and the stay tongue for one action emergency escape function.
- 2) The safety tongue can be extended or retracted with the knob.
- 3) The inner handle can be lifted backwards to extend the stay tongue.

Outdoor:

- 1) The key can open the dull tongue and tilt lock, but can not open the safety tongue.
- 2) The outside handle can be lifted back to extend the dumbwaiter.
- 3) The outside handle can not be pressed down and can not open the tilt tongue.

The whole set of products meets the requirements of GA73-2015 “Mechanical Anti-theft Lock” standard grade B, in which the lock cylinder meets the requirements of grade C, and there is a test report from the testing center of the Ministry of Public Security.

4.4、Airtight Lock

- (1) The product meets the requirements of GB/T7106-2019, and the wind-resistant surface can withstand 3000Pa pressure. The door can withstand 294N impact load and has a life span of 500,000 times.
- 2) Handwheels are installed on both sides of the door, inside and outside, and the door can be opened by the handwheels both inside and outside.
- 3) 3-point fastening (top, bottom, center).

4.5、Escape Mechanism

- 1) Adopt flat push type escape device, which conforms to BS EN1125:2008 escape device bar and passes the test, and the opening times life is required to be more than 200,000 times. Meanwhile, it passes the 1.5 hours fire test required by China Fire Door Standard GB12955-2008.
- (2) The single door adopts external or vertical pin type escape device, and the double door adopts external and vertical pin type escape device.
- (3) Stainless steel is used for the push rod of the escape device, and the fixing parts of the escape device should be reasonably designed to ensure that any screw, bolt or other fixing parts will not cause the escape push rod to be unable to act when it falls off or loosens.
- (4) The style and surface treatment of the outside door handle shall match with other locks, regardless of the left and right directions.
- (5) The lock cylinder, handle and escape device shall be produced by the same manufacturer of the same origin and for the whole set of original products.
- (6) Mechanical device 3 years manufacturer's direct quality guarantee.

4.6、Door Closer

- 1) Comply with EN1154-1996 and EN1634 standards and passed the certification, the number of times of opening is more than 500,000 times. Passed QB/T2698-2005 and GA 93-2004 door closer performance test and China fire door test standard GB12955-2008, and have test report .
- (2) Adopting high-strength aluminum alloy cylinder and non-pressure reducing valve technology, it has independent opening buffer adjustment function, closing speed and locking speed adjustment function. The force level of the door closer is adjustable from 2 to 5 levels, suitable for the maximum door width of 1524mm.
- (3) The surface treatment of the door closer shall meet the standard of corrosion resistance salt spray test for more than 100 hours, with silver electrostatic spraying (689).
- (4) The door closer must be produced by the same manufacturer and be a complete set of original products.
- (5) 5-year direct manufacturer's warranty.

4.7、Floor Springs

All floor springs comply with EN 1154 standard, suitable for door weight of 150KG or more, with 90 degree door stop function, life expectancy of 500,000 times or more, 304 stainless steel, brushed surface treatment.

4.8、Requirements For Small Fittings

- (1) All small hardware materials should be stainless steel or copper or zinc alloy, to have excellent corrosion resistance. Small hardware with fireproof requirement shall pass China Fire Door Test Standard GB12955-2008, and the fireproof test reaches more than 1.5 hours with test report.
- (2) Hinges should be with 4 bearings, the number of options:
The number of hinges is determined according to the door height. The general rule is to use 1 hinge for every 30” (762mm) of door height. Specifically:

Door height ≤ 1500mm: 2 pcs;
1500mm < door height ≤ 2300mm: 3 pcs;
2300mm < door height ≤ 3000mm: 4 pcs.

- (3) Door suction / door top (door stop): 1. Permanent magnet door suction;
2. Wall and floor type;
3. Stainless steel and zinc alloy material, subject to the material and sealing sample finally adopted by Party A.

- 4) Concealed pins/dust-proof cylinders/shunts:
The material must be high quality 304 stainless steel in accordance with the national standard. And pass 1.5 hours fire test of GB12955-2008.
- (5) lock cylinder, handle, lock body and all kinds of hardware (Sequencer, concealed latch,anti dust tube, security peehole,door stopper, etc.) must be produced by the same manufacturer of the same origin and for the whole set of original products.
- (6) 3-year direct quality guarantee of the entire lock manufacturer.

5、Product Delivery

- 1) The bidder shall require the hardware manufacturer to label and package each piece of hardware individually with basic installation instructions in accordance with the hardware configuration sheet.
- 2) The hardware manufacturer will work with the bidder's representative or installer to count the hardware provided until the quantity is correct and meets the contract requirements.
- 3) The bidder shall be responsible for the safekeeping of each piece of hardware that has been delivered to the site for use on the project but has not yet been installed.
- 4) Instructions:
 - a. The bidder shall select the appropriate hardware group for each door within the scope of this solicitation from the hardware configuration table in order to configure the door hardware, and the doors not listed in full shall be selected with reference to similar doors.
 - b. The principles and methods of hardware grouping are detailed in the notes after the hardware configuration table.

- c. In order to facilitate the implementation of the management of the lock cylinder and after-sales maintenance, the bidder to choose all hardware products (including escape push bar locks and insert locks, hinges, door closers, etc.) shall be produced by the same manufacturer, all door hardware products should be supplied by the same supplier. Bidders are required to provide bidders with product authorization documents of hardware manufacturers.
- d. The supplier of door hardware selected by the bidder shall have the ability of professional planning of door hardware and integration of drawings in order to cope with possible changes in hardware configuration caused by design changes.

6. Installation Requirements

- 1) Install hardware in accordance with product installation instructions and manufacturer's recommended dimensions. Hardware, whether interior or surface mounted, shall be cut and pre-installed prior to the completion of door surface painting or finishing.
The hardware, whether internally or surface mounted, shall be cut and pre-installed before the door surface is painted or finished, and re-installed after the door surface is painted or finished. If it is not possible to install the hardware according to the above procedures, it must be adequately protected to ensure that the hardware is as good as new in all its properties and finishes.
- 2) Set up horizontal and vertical centerlines in accordance with installation instructions to ensure proper installation. Metal doors shall be provided with reinforced liners.
- 3) Install sealing strips, smoke and fire seals and thresholds on exterior doors and fire doors.

7. Commissioning And Maintenance

- 1) Installer shall commission and test each operating component and each door to ensure functionality and proper operation. The installer shall clean adjacent surfaces after the hardware has been installed.
- 2) Commissioning: If hardware is installed and not handed over or used for more than one month, the installer must do final commissioning of all hardware before handing it over or using it. To ensure the function of the components and the integrity of the hardware and the surface finish of the door, the operating components must be cleaned.
- 3) During final commissioning, the hardware supplier shall instruct the end user on the correct commissioning and routine maintenance of the hardware.
- 4) In case of problems during use, the manufacturer shall be able to provide personnel service and spare parts support within 48 hours.

8. Information To Be Provided By Bidders

- (1) Product Information : As required the bidder will submit product technical information from the manufacturer of each type of hardware, including information necessary to demonstrate compliance with design requirements, installation instructions and maintenance instructions for operating parts and finishes.
- (2) Hardware Configuration Sheet: The supplier will prepare and submit the final hardware configuration sheet in the following form to be confirmed by the design unit and the bidder prior to fabrication. The content includes the size of the door, the functional area, the form of the door, open the door direction, each door hardware configuration and other information.
- (3) The final hardware configuration table includes: on the basis of the hardware summary table, according to the listed hardware, the document configuration table will be organized into “hardware groups” , indicating the hardware required on each door. Include the following information:

- a. Hardware model, style, functional description, quantity and finish;
- b. Hardware name and manufacturer;
- c. Corresponding location of the hardware on the door and frame;

- (4) Before submitting the hardware configuration table and ordering, the bidder shall submit a set of samples of exposed hardware that meets each of the items listed in the hardware configuration table in this Technical Requirements with coordinated finishes for confirmation by the design unit and the bidder's representative, in accordance with the bidder's requirements.
- (5) The Bidder shall provide samples for all doors, door frames, and other products requiring factory prefabrication for the manufacturer to install the hardware.

9. Technical Documents and Information

- The bidder shall provide relevant technical data, including drawings, manuals, test reports and other technical information, in accordance with the requirements of the User Requirements, combined with the characteristics of the products under bidding and the actual needs of the project.
- The technical data shall include but not limited to the following:
- (1) List of product description;
 - (2) Detailed description of the main technical indicators and performance of the product;
 - (3) Relevant testing, inspection and test reports of the product;
 - (4) The main production process of the product;
 - (5) The test and inspection products and test debugging methods for the products supplied;
 - (6) Project implementation progress control plan;
 - (7) Relevant service implementation program.

Hospital Hardware Configuration Chart																
Serial number	Placement	Door code	Material	Door panel	Quantities				Door locks							
									L1	L2	L3	L4	L5	L6	L7	L8
									ED1	ED2	ED3	Door locks				
									Anti-theft lock	Ward Bathroom Lock	Antibacterial door locks	Single Square Tongue Tube Well Lock				
												Door locks				
												Channel lock	Crystallized door locks	Storage Room Locks	Airtight lock	
												Door locks				
												Escape Pusher Lock Exterior Trim Locks	Externally mounted escape actuator lock	Latch Type Escape Actuator Lock	Anti-theft lock	
												Door locks				
												Stainless steel hinges	Anti-theft hinge	Concealed Hinges	Floor hinges	
												Door locks				
												Multi-function hinge	Externally mounted door closer	Concealed door closer	Wooden Door Concealed Pins	
												Door locks				
												Steel Door Concealed Pins	dust filter	Large Glass Door Handle	Wooden door handle	
												Door locks				
												Index (math.)	Doors stop	Slide plate	Peephole	
												Door locks				
												Frameless Glass Door Clip and Locking Clip	Hardware group			
												Door locks				
												DP1	DP2	DP3	DP4	
												Door locks				

Overload the sequencer

Door closer

Hinge

Doorway

Hardware group: SHW-05						
Product name	Quantity	Unit	Surface treatment	Brand	Model number	Function description
Hinge	6	Pcs	Brushed	KIN LONG	SHY403030-2BB	European standard EN1935, 4x4x3, 200,000 times life, main material 304 stainless steel, three 120kg load capacity
Horizontal Push Bar Lock	1	Set	Brushed	KIN LONG	STS11701	European standard EN1125, CE certified, 200,000 cycles life, 304 stainless steel
Vertical Push Bar Lock	1	Set	Brushed	KIN LONG	STS11702	European standard EN1125, CE certified, 200,000 cycles life, 304 stainless steel
External Access Handle	1	Set	Brushed	KIN LONG	STS11702-Channel	No lock, acts as an access handle, opens horizontal push bar locks
European standard door closers	2	Pcs	Silver	KIN LONG	BBM90006	With time-delay function, two-stage speed regulation, the life of more than 500,000 times
Overload the sequencer	1	Pcs	Hairline	KIN LONG	SSW12604	304 stainless steel, Passed 1.5 hours of fire resistance testing
Half ball doorstop	2	Pcs	Hairline	KIN LONG	SMX12211	304 stainless steel material

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.

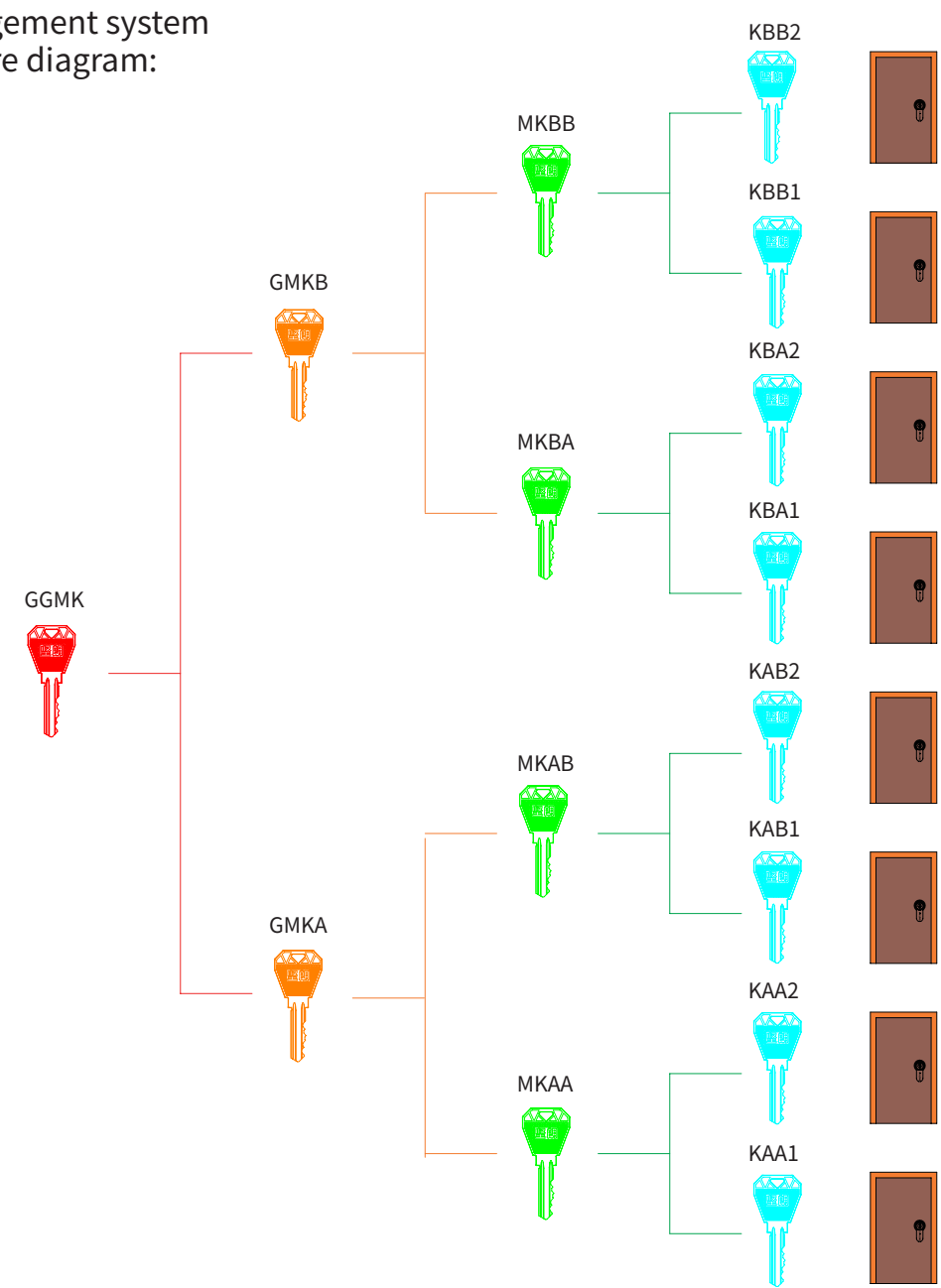
Functional lock cylinder. With a set of Kinlong Master Key, you can open any door of your company or home as you like, which is safe and convenient.

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.

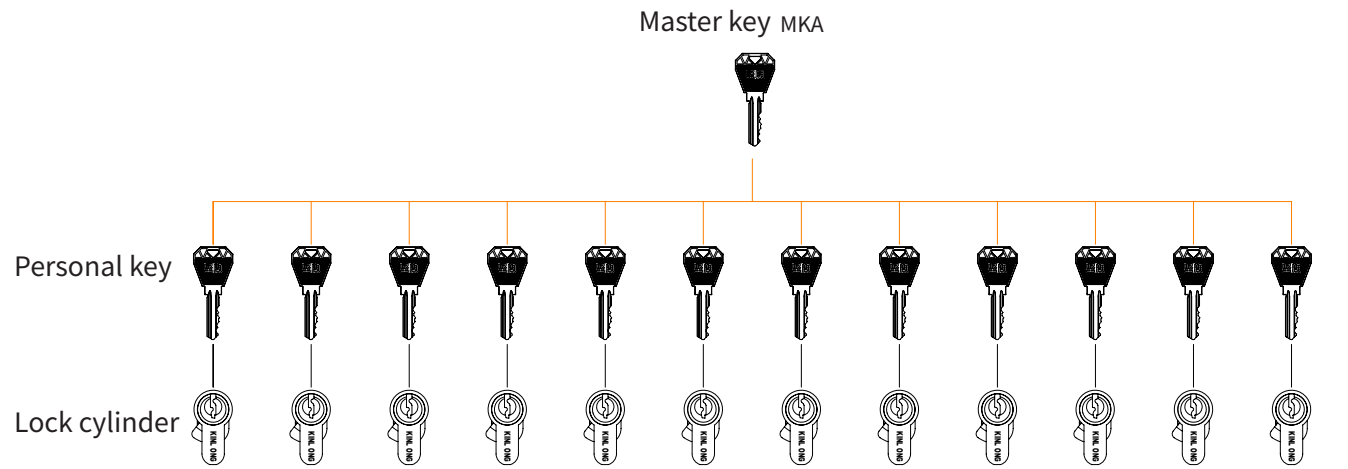
Key management system architecture diagram:



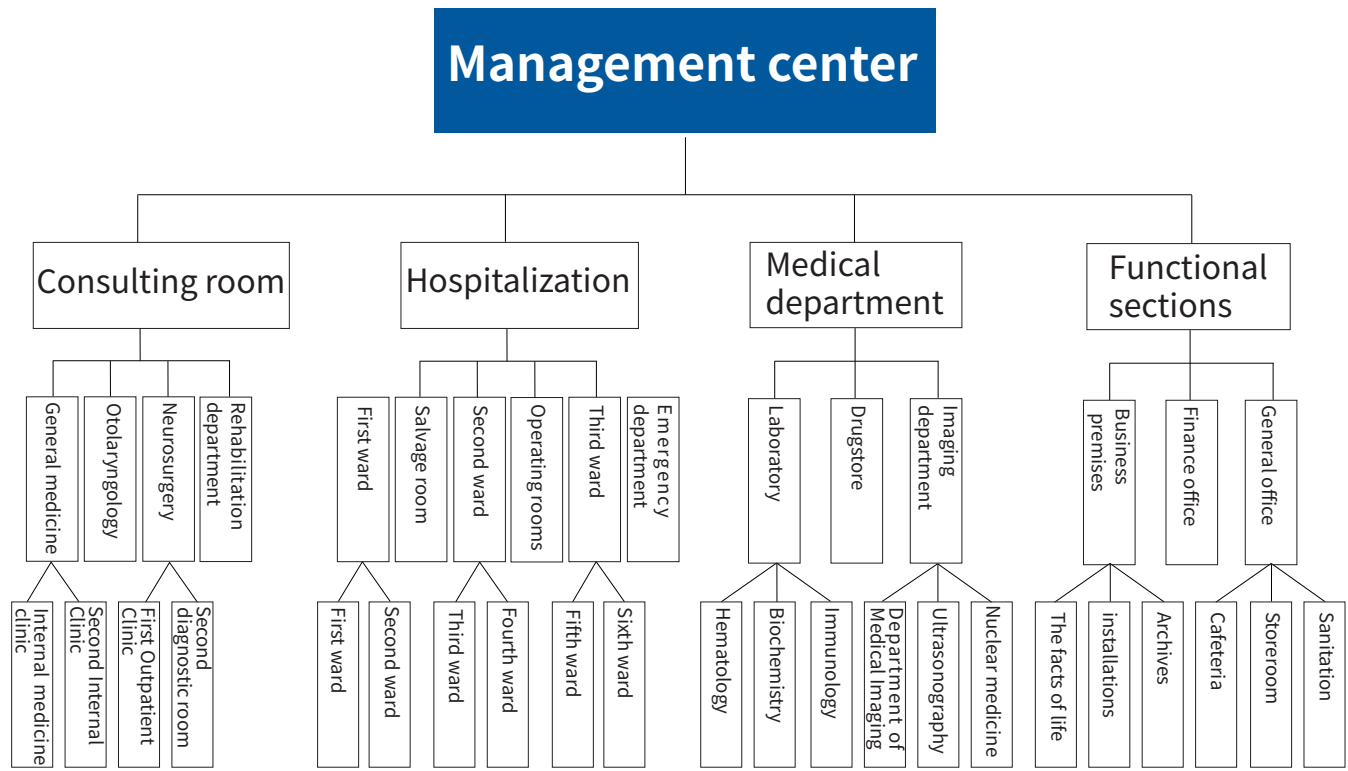
This system makes the corresponding key management system according to the architecture of each building

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:



Hospital Project Master Key System Architecture Diagram



KIN LONG provides a full range of hardware solutions for eight scenes



Hospital hardware
(This catalogue)

Hotel hardware



Shopping mall hardware



Office building hardware



School hardware



Airport hardware

Rail transit hardware



Hardbound room hardware

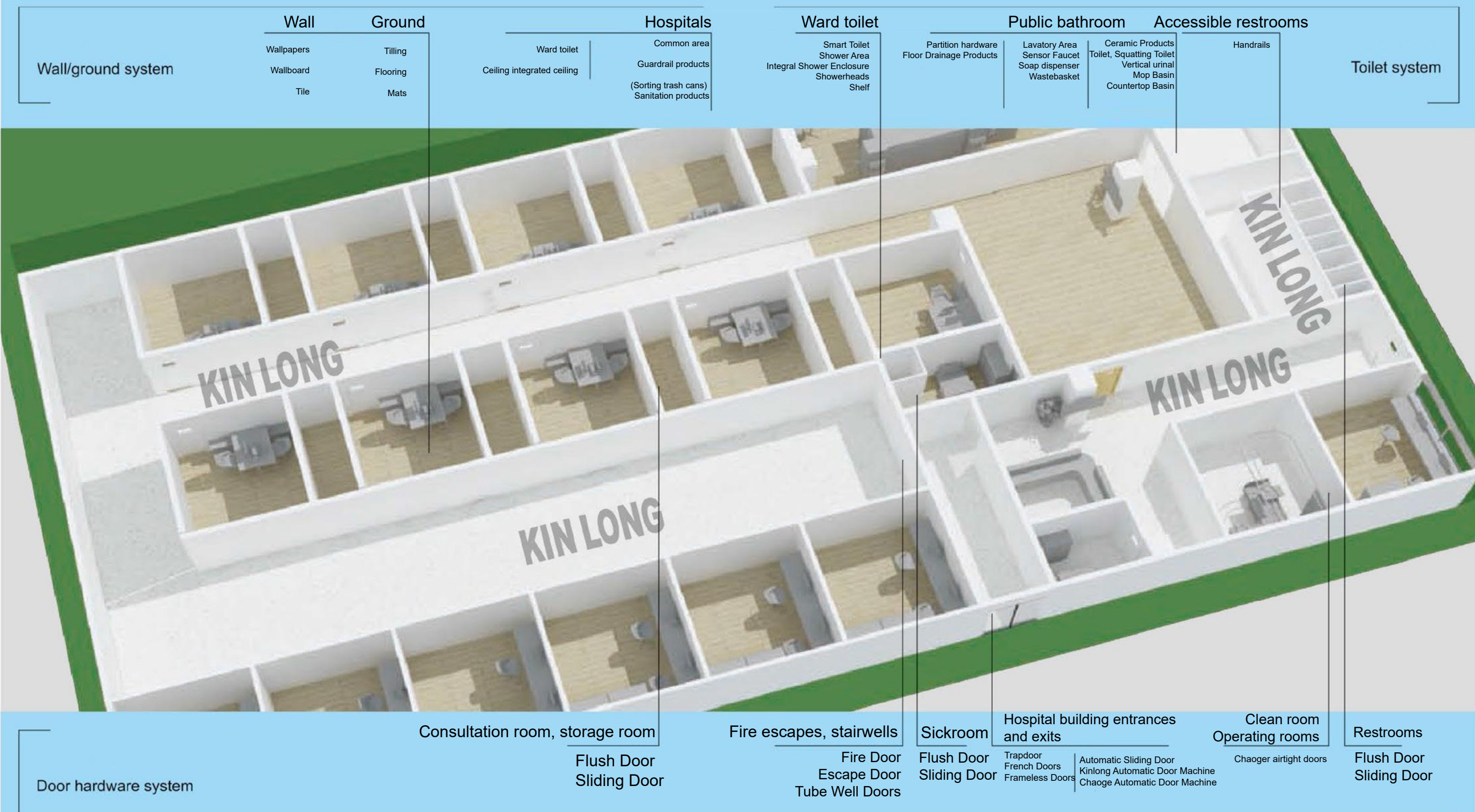


Hospital is a very important building, and people's health and safety are closely related, so the selection of door hardware for hospitals seems to be crucial.

In accordance with the “hospital grading management standards” , the hospital after the review, divided into three levels, level one (the number of beds within 100, including 100), level two (the number of beds between 101-500), level three (the number of beds in the 501 or more). Each level is subdivided into A, B and C, with the addition of a special level for level III hospitals, so that hospitals are divided into three levels and ten classes.

Hospitals have different applicable scenarios, according to the “Basic Standards for Medical Institutions” and “Medical Institutions Establishment Planning” requirements, there will be various types of clinical departments (such as emergency departments, internal medicine, surgery, obstetrics and gynecology, etc.) and various types of medical and technical departments (such as pharmacy, laboratory, radiology, operating rooms, etc.)..

The hospital project involves a lot of different functional scenarios, corresponding to different product configurations, the requirements of the product is relatively high, the hospital belongs to the more complicated scene of the flow of people, the need to use high-end hardware products. The products are required to ensure that they are not easy to scrape clothes, not easy to hurt people, good passability, and can avoid cross infection, but also fast supply, fast response, high service efficiency, and high cost performance. They're all Kin Long's advantages.

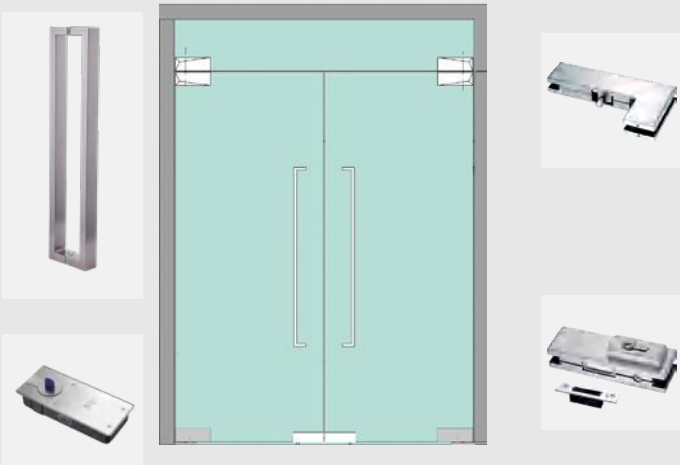


Typical Program For Hardware Configuration in community hospital



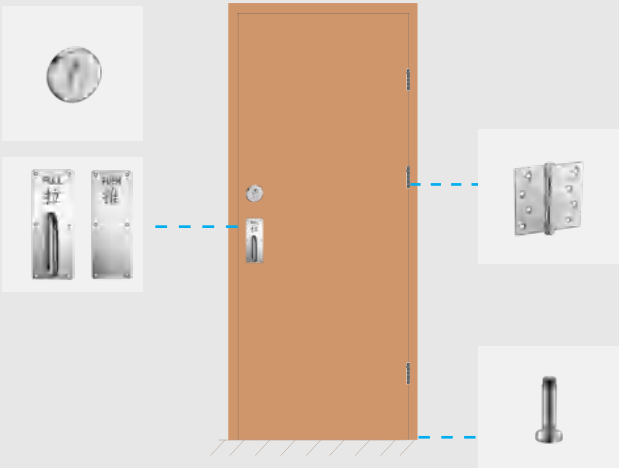
Hospital Gate Hardware Configuration



				
Application Scenarios	Product name	Product model	Unit	Quantity
Lobby	Floor spring	HD101	Set	2
	Lockset	KMS11230	Set	2
	Handle	KLS454	Pair	2
	Patch Fittings	KMJ115 series	Set	2

Hospital Public Restroom Hardware Configuration



					
Application Scenarios	Product name	Product model	Material	Unit	Quantity
Public toilet	Push & pull plate	STB12901	304 stainless steel	Set	1
	Hinge	SHY12104	304 stainless steel	Pair	1.5
	Door stopper	SMX12222	304 stainless steel	Piece	1
	Fire-resistant lock	SGSS003	304 stainless steel	Set	1

Diagnostic Room Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Medical room Office	Clean door locks	SSN67973	Nylon+Q235	Set	1
	Hinges	SHY12104	304 stainless steel	Pair	1.5
	Door sucker	SMX12221	304 stainless steel	Piece	1
	Wooden door seal	SMF11010	PVC	Meter	5.5
	Door closer	BBM90006	Aluminum	Set	1

Ward Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Sickroom	Clean door locks	SSN67973	Nylon+Q235	Set	1
	Hinges	SHY12104	304 stainless steel	Pair	3
	Concealed door closer	BBM30113	Aluminum	Set	1
	Plug	SCX12701	304 stainless steel	Piece	1
	Dust filter	SFT12801	304 stainless steel	Set	1
	Door stopper	SMX12211	304 stainless steel	Piece	1
	Automatic door bottom dust guard strip	SDS43001	Aluminum alloy, silicone	Set	1

Pharmacy Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Drugs store Archives	Anti-theft lock	SFD10814	304 stainless steel	Set	1
	Anti-theft hinge	SHY12111	304 stainless steel	Pair	1.5
	Door closer	BBM90006	Aluminum	Set	1
	Wooden door seal	SMF11010	PVC	Meter	5.5
	Door stopper	SMX12222	304 stainless steel	Piece	1
	Eye-viewer	SMJ22301	Zinc alloy	Piece	1

Ward Bathroom Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Ward toilet	Bathroom door locks	SSN10814F	304 stainless steel	Set	1
	Hinges	SHY12126	304 stainless steel	Pair	1.5
	Door stopper	SMX12211	304 stainless steel	Piece	1



Stairwell Fire Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Flight of stairs	Fire-resistant lock	SFHS27105	304 stainless steel	Set	1
	Dummy lock	SFHS27105-JS	304 stainless steel	Set	1
	Flag shaped hinge	SHY12113	304 stainless steel	Pair	3
	Fire Door Closer	GA93-2CI(B401)	Aluminum	Set	2
	Automatic latch	SCX12710	304 stainless steel	Piece	2
	Dust Socket	SFT005	304 stainless steel	Piece	1
	Heavy-duty Selector	SSW12604	304 stainless steel	Piece	1
	Electromagnetic door sucker	KDX10010	Special soft magnetic materials	Piece	2

Public Restroom Bathroom Hardware Configuration



Product	Model	Picture	Material
Sensor faucet	WSZ45984		Brass/Chrome Plated
Angle valve	WSZ71090		304 Stainless Steel/Matt
Paper towel box	WZH30060		ABS/White
Hand dryer	WDQ20010		ABS/White
Pop-up drain	WSZ96010		Brass/Chrome Plated
Drainpipe	WSZ95010		Brass/Chrome Plated
Sensor soap dispenser	WFJ41030		ABS
Floor drain	WDL1011C		304 Stainless Steel /Chrome Plated

Tube Well Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Tube well door	Tube well lock	SFZ11202	304 stainless steel	Set	1
	Concealed hinge	SHY12124	304 stainless steel	Pair	1.5
	Hold hands	SLS13101	304 stainless steel	Piece	1

Ward Bathroom Bathroom Hardware Configuration



Product	Model	Picture	Material
Shower faucet	WSZ34180		304 Stainless Steel/Matt
Sensor faucet	WSZ19130		Brass/Chrome Plated
Angle valve	WSZ71090		304 Stainless Steel/Matt
Pop-up drain	WSZ96010		Brass/Chrome Plated
Drainpipe	WSZ95010		Brass/Chrome Plated
Paper towel holder	WZH10150		Brass/Chrome Plated
Towel rail	WWG4001A		304 Stainless Steel /Mirror Gloss
Floor drain	WDL101XC		304 Stainless Steel /Chrome
Safety handrail	WFS41010		Nylon + 304 stainless steel

Typical Scenarios For Hardware Configuration In Town Hospital



Hospital Gate Hardware Configuration



	Product name	Product model	Material	Unit	Quantity
Lobby	Electric floor spring	BDH80116	/	Set	1
	Double door magnetic lock	KDS13010	/	Set	1
	Laser sensor	BBP40601	/	Set	2
	Calibrator	BDP80101	/	Set	1
	Remote controller	BBP40701	/	Set	1

Hospital Public Restroom Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Public washroom	Push & pull plate	STB12901	304 stainless steel	Set	1
	European standard hinge	SHY404030-2BB	304 stainless steel	Pair	1.5
	Dead lock	ST6072E4-SSN12700	304 stainless steel	Piece	1
	Door closer	BBM30115	Aluminum	Set	1
	Door stopper	SMX12222	304 stainless steel	Piece	1

Clinic Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Consultation Room Office	Clean door locks	SSN12730FEK	304 Stainless steel	Set	1
	European standard hinge	SHY404030-2BB	304 Stainless steel	Pair	1.5
	Automatic door bottom dust guard strip	SDS43001	Aluminum alloy, silicone	Piece	1
	Door closer	BBM90006	304 Stainless steel	Set	1
	Door holder	SMX22220	304 Stainless steel	Piece	1
	Door holder	SMX22220	304 Stainless steel	Piece	1
	Wooden door seal	SMF11010	PVC	Meter	5.5

Ward Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Ward	Antibacterial door locks	SSN12730FEK	304 stainless steel	Set	1
	European standard hinge	SHY404030-2BB	304 stainless steel	Pair	3
	Concealed door closer	BBM30113	Aluminum	Set	2
	Manual pins for steel doors	SCX12701	304 stainless steel	Piece	2
	Dust socket	SFT12801	304 stainless steel	Piece	1
	Door stopper	SMX12222	304 stainless steel	Piece	2
	Wooden door seal	SMF11010	PVC	Meter	5.5
	Automatic door bottom dust guard strip	SDS43001	Aluminum alloy, silicone	Piece	1

Pharmacy Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Drugs store Archive	Anti-theft lock	SFD10814	304 Stainless steel	Set	1
	Anti-theft hinge	SHY12111	304 Stainless steel	Set	1.5
	Wooden door seal	SMF11010	PVC	Meter	5.5
	Door closer	BBM90006	Aluminum	Set	1
	Door stopper	SMX12222	304 Stainless steel	Piece	1
	Eye-viewer	SMJ22301	Zinc alloy	Piece	1
	Automatic door bottom dust guard strip	SDS43001	Aluminum alloy, silicone	Piece	1

Ward Bathroom Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Ward toilet	Antibacterial Door Lock (Bathroom Cylinder)	SSN12730FEK	304 stainless steel	Set	1
	Hinges	SHY12126	304 stainless steel	Pair	1.5
	Wooden door seal	SMF11010	PVC	Meter	5.5
	Door holder	SMX12215	304 stainless steel	Piece	1
	Door holder	SMX12215	304 stainless steel	Piece	1

Stairwell Fire Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Staircase	Fire-resistant lock	SSN12730F	304 stainless steel	Set	1
	Dummy lock	SSN12730	304 stainless steel	Set	1
	Fire-hinge	SHY12105	304 stainless steel	Pair	6
	Fire-resistant door closer	GA93-3CI(B103)	Aluminum	Set	2
	Automatic latch	SCX12710	304 stainless steel	Piece	2
	Dust socket	SFT005	304 stainless steel	Piece	1
	Electromagnetic door sucker	KDX10010	Special soft magnetic materials	Piece	2
	Concealed Sequencer	SSW12603	304 stainless steel	Piece	1

Accessible Restroom Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Accessible restrooms	Indicator lock	ST6078E9-SSN12730K	304 stainless steel	Set	1
	European standard hinge	SHY404030-2BB	304 stainless steel	Pair	1.5
	Time-delay door closer	BBM90115	304 stainless steel	Set	1
	Door stopper	SMX12222	304 stainless steel	Set	1

Escape Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Emergency exit	Escape push bar lock	STS11701	304 stainless steel	Set	1
	Escape push bar lock with upper & lower bolt	STS11702	304 stainless steel	Set	1
	External handle lock	STS11711	304 stainless steel	Set	1
	European standard door closer	B103	Aluminum	Set	2
	European standard hinge	SHY404030-2BB	304 stainless steel	Pair	3
	Selector	SSW12604	304 stainless steel	Piece	1
	Door stopper	SMX12222	304 stainless steel	Piece	2

Tube Well Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Tube well	Tube well lock	SGSS001	304 stainless steel	Set	1
	Concealed hinge	SHY12124	304 stainless steel	Pair	1.5
	Handle	SLS13101	304 stainless steel	Set	1



Laboratory Door Hardware Configuration

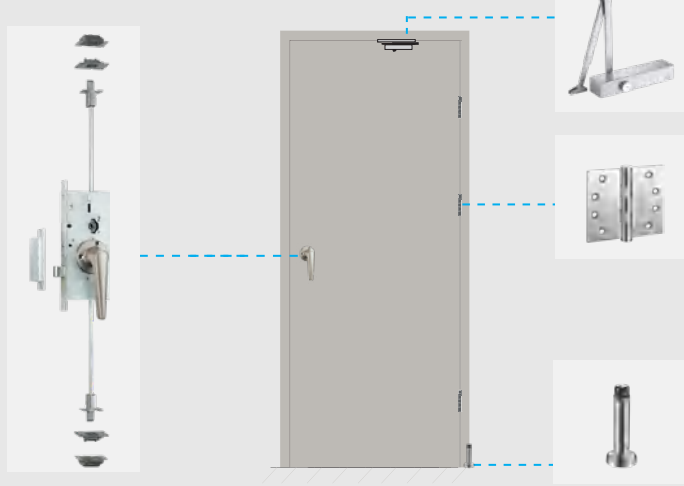




Application Scenarios	Product name	Product model	Material	Unit	Quantity
Laboratory	Handle	KLS101	304 stainless steel	Set	1
	Windpipe	KMJ11320	304 stainless steel	Set	1
	Clamp	KMJ11310	304 stainless steel	Piece	3
	Glass door locks	KMS11230	304 stainless steel	Piece	1
	Floor springs	HD304	304 stainless steel	Piece	1

Radiology Door Hardware Configuration





Application Scenarios	Product name	Product model	Material	Unit	Quantity
Radiology	Airtight lock	SQM46032	Aluminum	Set	1
	European Standard Door Closer	BBM90006	Aluminum	Set	1
	European standard hinge	SHY404030-2BB	304 stainless steel	Pair	1.5
	Door stopper	SMX12222	304 stainless steel	Piece	1

Public Restroom Bathroom Hardware Configuration



Product	Model	Picture	Material
Sensor faucet	WSZ45982		Brass/Chrome Plated
Angle valve	WSZ7105B		Brass/Chrome Plated
Drainpipe	WSZ96010		Brass/Chrome Plated
Drainpipe	WSZ95010		Stainless Steel/Chrome Plated
Hand dryer	WDQ20010		ABS/White
Sensor soap dispenser	WFJ41030		ABS
Integrated trash bin & toilet paper dispenser	WZH20080		304/Satin
Floor drain	WDL1011C		304/Satin

Aisle And Stairway Hardware Configuration

Product	Model	Picture	Material
Handrail on the stairs	WFS21010		Nylon/Wood Grain
Channel Handrail	WFS22010		Aluminum/PVC



Accessible Bathroom Bathroom Hardware Configuration

Ward Bathroom Bathroom Hardware Configuration



Product	Model	Picture	Material
Sensor faucet	WSZ45982		Brass/Chrome Plated
Angle valve	WSZ7105B		304 Stainless Steel/ Matte
Pop-up drain	WSZ96030		Brass/Chrome Plated
Drain pipe	WSZ95030		Plastic/Gray
Hand dryer	WDQ20010		ABS/White
Safety handrail	WFS31020		304/White antimicrobial resin coating
Safety handrail	WFS12010		304/White antimicrobial resin coating
Sensor soap dispenser	WFJ41030		ABS
Tissue box	WZH30070		ABS/White
Floor drain	WDL40090		304 Stainless Steel/ Matte



Product	Model	Picture	Material
Shower faucet	WSZ3925A		304 Stainless Steel
Basin faucet	WSZ19480		Brass/Chrome Plated
Drainpipe	WSZ96010		Brass/Chrome Plated
Angle valve	WSZ71090		304 Stainless Steel/ Matte
Drainpipe	WSZ95030		Plastic/Gray
Electric towel rack	WWG1904A		304 stainless steel
Paper towel holder	WZH10100		304 stainless steel
Hanging basket	WGL10060		Aluminum
Safety handrail	WFS12020		304 stainless steel
Safety handrail	WFS11050		304 stainless steel
Bathroom Seats	WYD10040		Nylon + Stainless Steel
Floor drain	WDL40090		304 Stainless Steel /Matte

Typical Scenario For Hardware Configuration In Large General Hospital In Provincial Capital



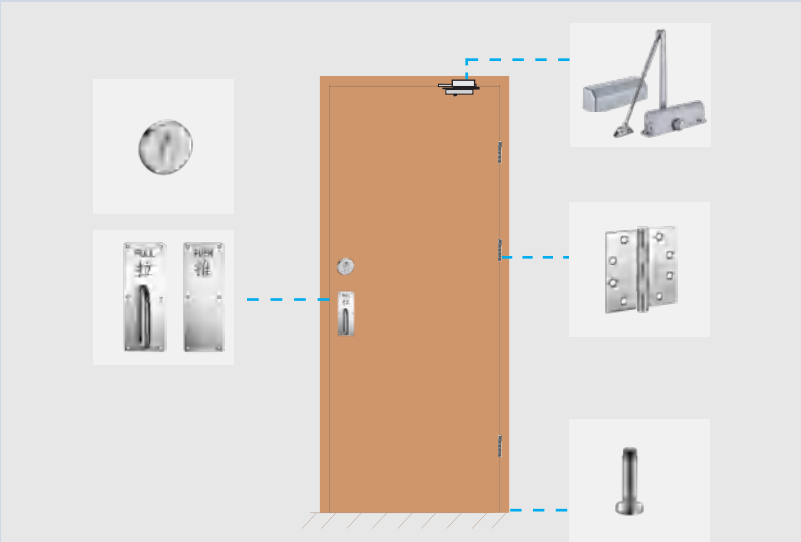
Hospital Gate Hardware Configuration



Autoamatic revolving door

Inner diameter of door (mm)	Outer diameter of door (mm)	Passageway height (mm)	Canopy height (mm)	Entrance width SJ3000A (mm)	Entrance width SJ4000A (mm)
1800	1800	2200-3000	70	780	1195
2000	2083	2200-3000	70	880	1335
2200	2283	2200-3000	70	980	1475
2400	2483	2200-3000	70	1080	1615
2600	2683	2200-3000	70	1180	1755
2800	2883	2200-3000	70	1280	1895
3000	3083	2200-3000	70	1380	2035

Hospital Public Restroom Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Public bathroom	Push & pull plate	STB12901	304 stainless steel	Set	1
	American standard level-II hinge	SHY454034-2BB	304 stainless steel	Pair	1.5
	Dullard	ST6072E4-SSN12700	304 stainless steel	Set	1
	American standard door closer	BBM60106	Aluminum	Set	1
	Door stopper	SMX12222	304 stainless steel	Piece	1

Diagnostic Room Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Consultation Room Office	Antibacterial door locks	SSN12730FEK	304 stainless steel	Set	1
	American standard secondary hinge	SHY454034-2BB	304 stainless steel	Pair	1.5
	Dust filter	SDS43001	Aluminum/ Silicone	Piece	1
	American standard door closer	BBM60106	Aluminum	Set	1
	Door stopper	SMX12201	304 stainless steel	Piece	1
	Wooden door seal	SMF11010	PVC	Meter	5.5

Ward Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Sickroom	Antibacterial door locks	ST6072E6-SSN12730FK	304 stainless steel	Set	2
	American standard secondary hinge	SHY404030-2BB	304 stainless steel	Pair	3
	Concealed door closer	BBM30113	Aluminum	Set	2
	Dust filter	SDS43001	304 stainless steel	Piece	2
	Built-in pin	SCX12701	304 stainless steel	Piece	2
	Dust socket	SFT12801	304 stainless steel	Piece	1
	Door stopper	SMX12222	304 stainless steel	Piece	2
	Wooden door seal	SMF11010	PVC	Meter	5.5

Pharmacy Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Pharmacy Archive	Antibacterial door locks	ST6072E6-SSN12730FK	304 stainless steel	Set	1
	Dummy lock	SSN12730FK	304 stainless steel	Set	1
	European standard hinge	SHY404030-2BB	304 stainless steel	Pair	3
	Door closer	BBM90006	Aluminum	Set	2
	Automatic concealed bolt	SCX12710	304 stainless steel	Piece	2
	Dust socket	SFT005	304 stainless steel	Piece	1
	Door stopper	SMX12213	304 stainless steel	Piece	2
	Selector	SSW12603	304 stainless steel	Set	1

Ward Bathroom Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Restrooms	Antibacterial Door Lock (Bathroom Cylinder)	ST6072E2-SSN12730FK	304 stainless steel	Set	1
	Multi-function hinge	SHY42135	Aluminum	Pair	1.5
	Door holder	SMX12215	304 stainless steel	Piece	1

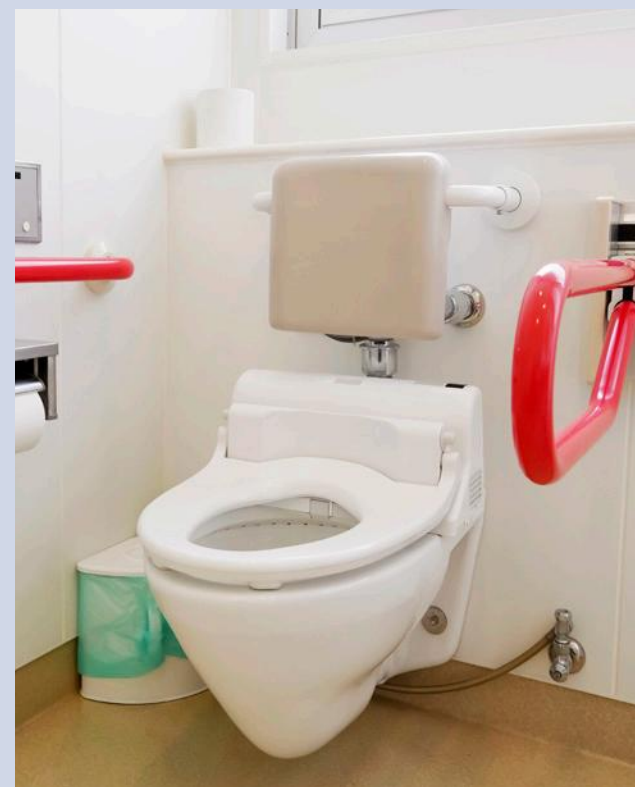


Stairwell Fire Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Flight of stairs	Fireproof lock	SSN12730FK	304 stainless steel	Set	1
	Deputy lock	SSN12730FK	304 stainless steel	Set	1
	European standard hinge	SHY404030-2BB	304 stainless steel	Pair	3
	Fire Door Closer	GA93-3CI(B103)	Aluminum	Set	2
	Automatic latch	SCX12710	304 stainless steel	Piece	1
	Dust filter	SFT005	304 stainless steel	Piece	2
	Electromagnetic door sucker	KDX2001A	Special soft magnetic materials	Piece	2
	Sequencer	SSW12603	304 stainless steel	Piece	2

Handicapped Restroom Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Restrooms	American Standard Indicator Bathroom Locks	ST7092A9-SMB10213	304 stainless steel	Set	1
	American Standard Hinge	SHY454034-2BB	304 stainless steel	Pair	1.5
	Time-delay door closer	BBM90006	Aluminum	Set	1
	Door stopper	SMX12222	304 stainless steel	Piece	1

Escape Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Escape exit	Flat push escape lock	STS11801	304 stainless steel	Set	1
	World and earth escape lock	STS11802	304 stainless steel	Set	1
	External handle lock	STS11810	304 stainless steel	Set	1
	American standard hinges	SHY454034-2BB	304 stainless steel	Pair	3
	Door stopper	SMX12213	304 stainless steel	Piece	1
	Sequencer	SSW12604	304 stainless steel	Piece	1
	American Standard Door Closer	BBM60006	Aluminum	Piece	1

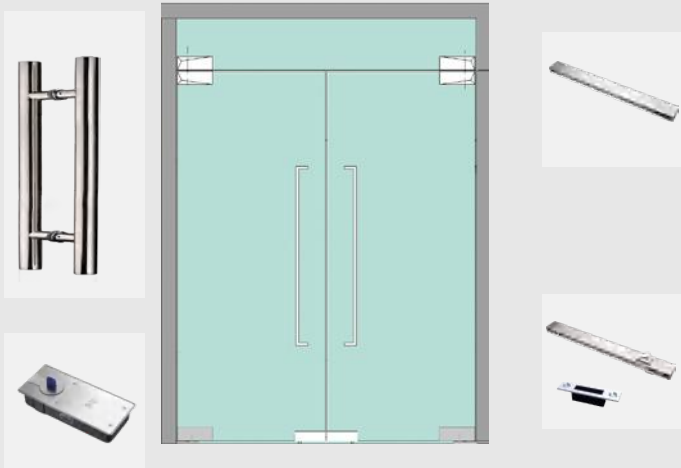
Tube Well Door Hardware Configuration



Application Scenarios	Product name	Product model	Material	Unit	Quantity
Pipe well	Pipe well lock	SGSS003	304 stainless steel	Set	1
	Concealed hinge	SHY12124	304 stainless steel	Pair	1.5
	Handle	SLS13101	304 stainless steel	Piece	1

Laboratory Door Hardware Configuration

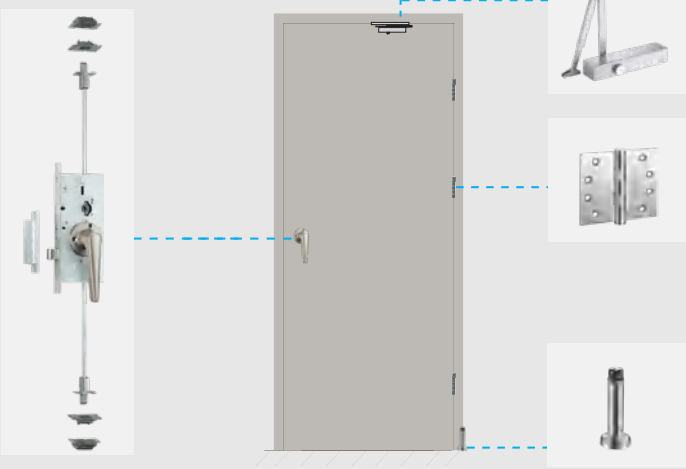




Application Scenarios	Product name	Product model	Material	Unit	Quantity
Laboratory	Pull on a handle	KLS101	304 stainless steel	Set	2
	Windpipe	KMJ21520	304 stainless steel	Set	1
	Locking Lower Clip	KMJ21500	304 stainless steel	Set	1
	Floor hinges	HD304	304 stainless steel	Set	1

Radiology Door Hardware Configuration





Application Scenarios	Product name	Product model	Material	Unit	Quantity
Radiology	Airtight lock	SQM46032	Aluminum	Set	1
	European Standard Door Closer	BBM90006	Aluminum	Set	1
	European Standard Hinge	SHY404030-2BB	304 stainless steel	Pair	1.5
	Door stopper	SMX12222	304 stainless steel	Piece	1

Public Restroom Bathroom Hardware Configuration



Product	Model	Picture	Material
Induction faucet	WSZ45983		304 stainless steel
Angle valve	WSZ7103B		304 stainless steel
Drain	WSZ96040		304 stainless steel
Drainpipe	WSZ95010		304 stainless steel
Hand dryer	WDQ20020		304 stainless steel
Sensor Soap Dispenser	WFJ41030		ABS
Integrated trash bin & toilet paper dispens	WZH20040		304 stainless steel
Long drain	WDL60110		304 stainless steel

Aisle and Stairway Hardware Configuration

Product	Model	Picture	Material
Handrail on the stairs	WFS21020		Nylon/White+Yellow
Channel Handrail	WFS22020		Aluminum/PVC

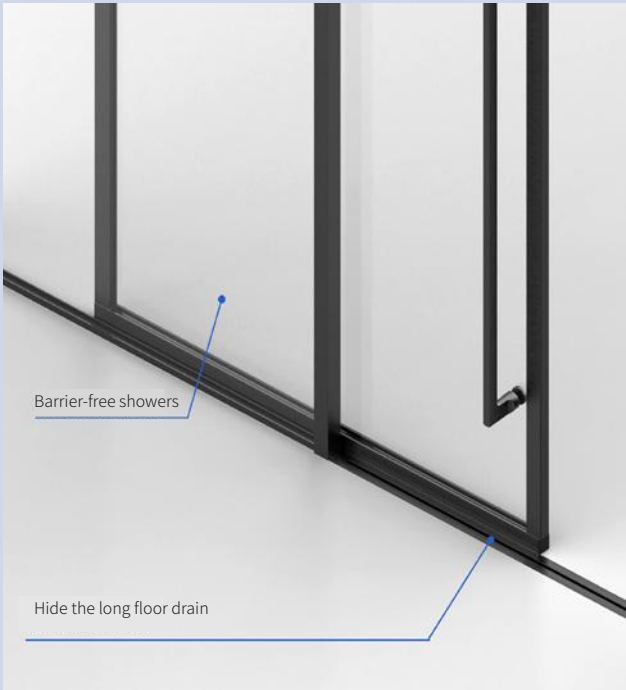


Accessible Bathroom Bathroom Hardware Configuration

Ward Bathroom Bathroom Hardware Configuration



Product	Model	Picture	Material
Induction faucet	WSZ45983		Brass/Chrome Plated
Angle valve	WSZ7103B		Brass/Chrome Plated
Drain	WSZ96040		Brass/Chrome Plated
Drainpipe	WSZ95030		Plastic/Gray
Sensor Soap Dispenser	WFJ41030		ABS
Paper towel box	WZH10160		Aluminum
Hand dryer	WDQ20020		ABS/White
Integrated trash bin & toilet paper dispens	WZH20040		304 stainless steel
Handrails	WFS13020		304 stainless steel
Antibacterial handrail	WFS11040		304 stainless steel
Antibacterial handrail	WFS13040		304 stainless steel
Long drain	WDL60110		304 stainless steel



Product	Model	Picture	Material
Barrier-free showers	GDS00121		Aluminum alloy
Shower faucet	WSZ36044		304 stainless steel
Antibacterial handrail	WFS11080		304 stainless steel
Induction faucet	WSZ15120		304 stainless steel
Long drain	WDL60270		304 stainless steel
Hanging basket	WGL20040		304 stainless steel
Electric Towel Rack	WWG70650		Aluminum alloy
Clothes hook	WWG40100		304 stainless steel
Angle valve	WSZ7103BC		304 stainless steel
Drain	WSZ96010		304 stainless steel
Drainpipe	WSZ95010		304 stainless steel
Paper towel box	WZH10160		Aluminum alloy
Bathroom stool	WYD10040		Nylon+304 stainless steel





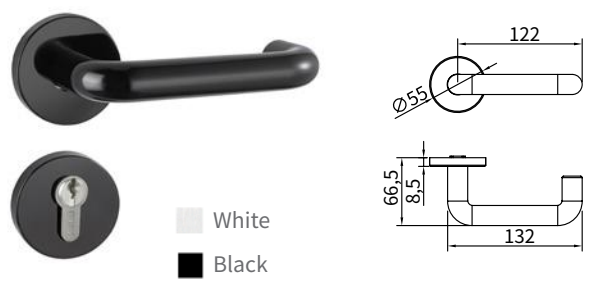
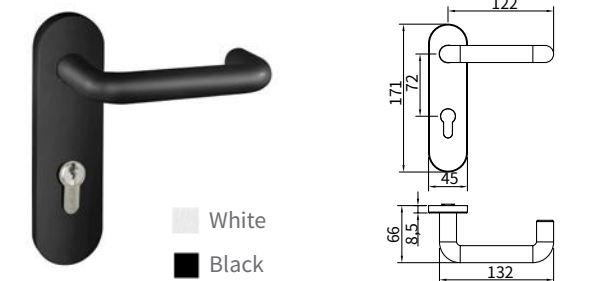
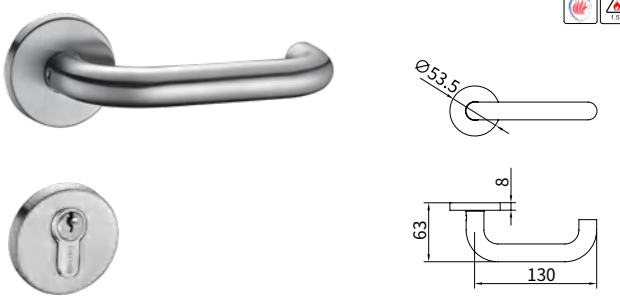
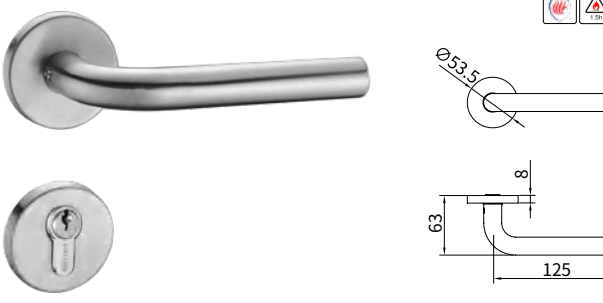
Door Hardware Series


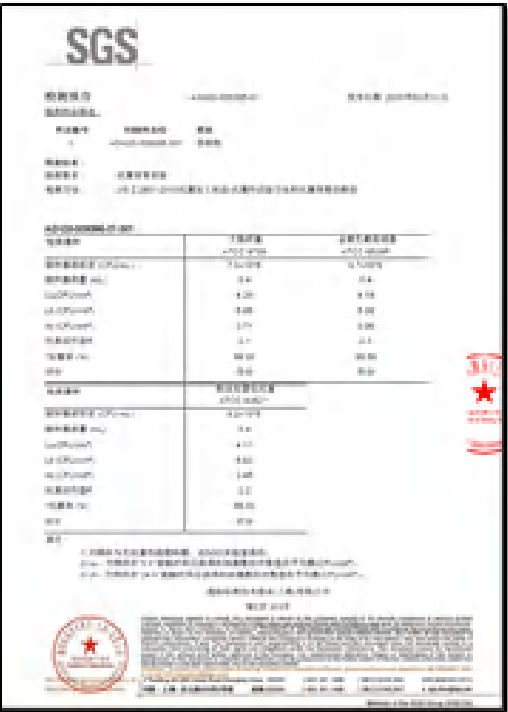
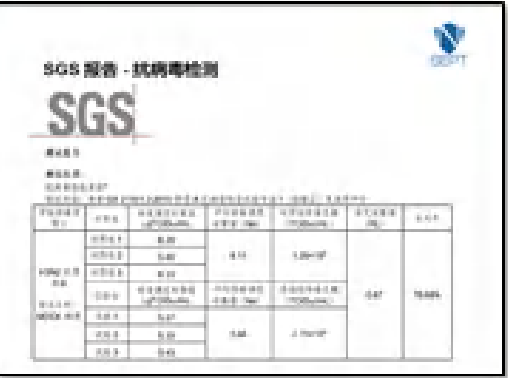



Lock hardware typical
picture book

Door Lock Hardware Series-Clean Door Lock, Antibacterial Door Lock

Inspection Certificate

ST6072 Lock body  Passed GB 21556- 2008 test Solid anti-sawing latch with reversible tilt tongue Cam: Stainless steel, brushed SS Faceplate: stainless steel, brushed SS Buckle plate: stainless steel, brushed SS	SX-003 Lock cylinder  Comply with QB/T2474-2017 standard requirements S groove single row 6 beads lock cylinder Double lock cylinder and single lock cylinder optional Standard with 3 pieces of key
Clean door lock series (ST6072) Material: Handle (nylon + Q235) Cover ring (nylon + Q235) Standard door thickness: 40, 45, 50, 55mm (Centered installation)	
SSN67973 Clean door locks  White Black	SSN68073 Clean door locks  White Black
Clean door locks Series (ST6072) Safe, sterilized, copper and silver free, long lasting and durable Conforms to: JIS Z 2801:2010 Antimicrobial Processing Products the standard requirements of antimicrobial experimental methods and determination of antimicrobial effect. And through the SGS testing organization testing. Handle cover ring material: 304 stainless steel Surface treatment: brushed SS	
SFHS27105K Antibacterial door lock (Fireproof lock) 	SSN12729FK Antibacterial door lock (Fireproof lock) 

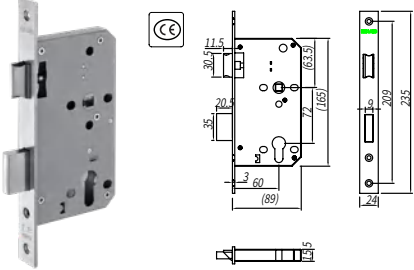
	
	



European Standard Lock Series

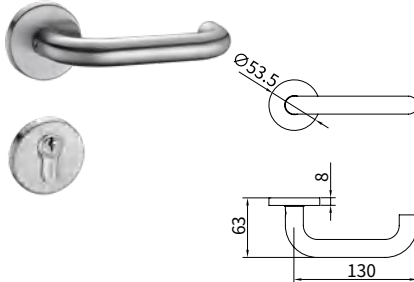
European Standard Lock Series

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

European standard handle cover ring




Handle: 304 Stainless steel
Cover plate: 304 Stainless steel
Mounting screws: Stainless steel
Surface treatment:Stainless steel brushed.

SX-003 Cylinder




SS12730 European standard 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 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

SS12737 European standard 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

SS12738 European standard lock



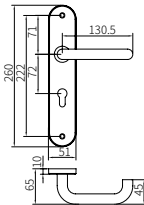

Function	Model
Passage lock	ST6072E1-SSN12738
Bathroom lock	ST6072E2-SSN12738
Door lock	ST6072E3-SSN12738
Unicom door lock	ST6072E7-SSN12738
Indicating bathroom lock	ST6078E9-SSN12738
Storeroom lock	ST6072E6-SSN12738
classroom lock	ST5572E5-SSN12738

European standard fire lock



Function	Model	Remarks
European standard fire lock	SSN12730FE	Door lock
	ST6072E1-SSN12730FE	Passage lock
	ST6072E5-SSN12730FE	classroom lock
	ST6072E6-SSN12730FE	Storeroom lock

SSN15930F European standard fire lock

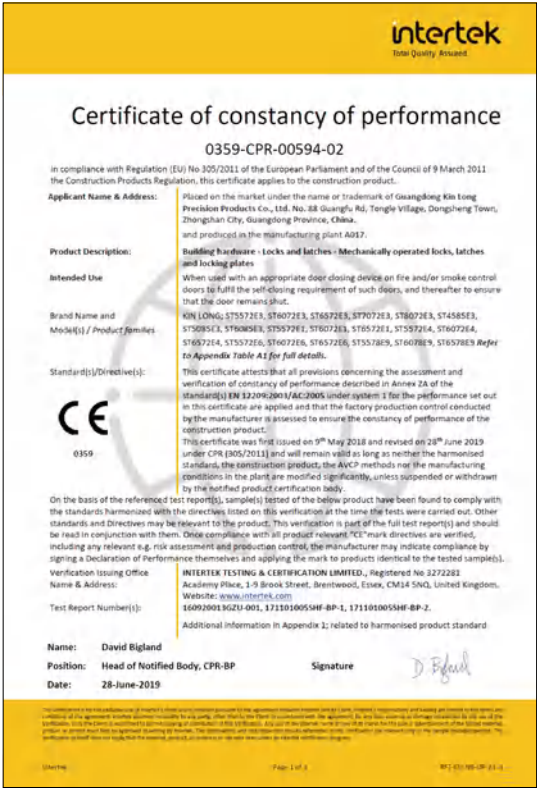


Door lock function

European Standard Lock Function

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

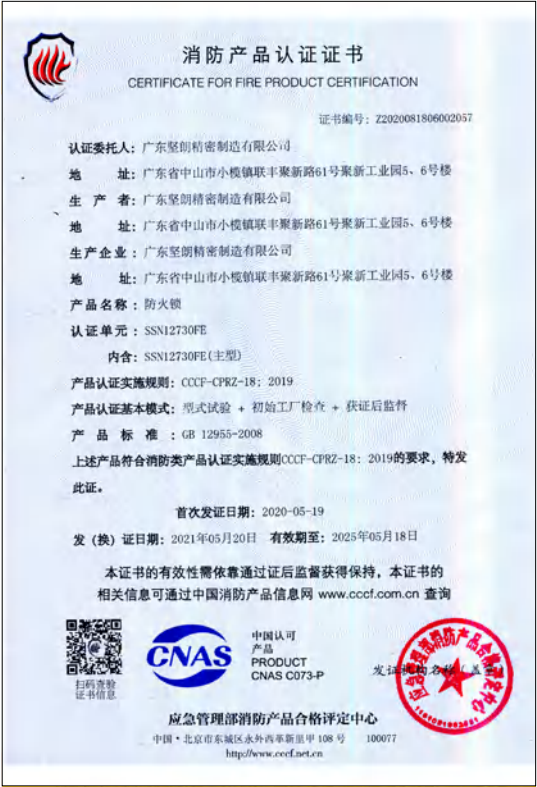
European Standard Lock Certificate



European standard mortise lock CE certificate



European standard mortise lock fire certification certificate

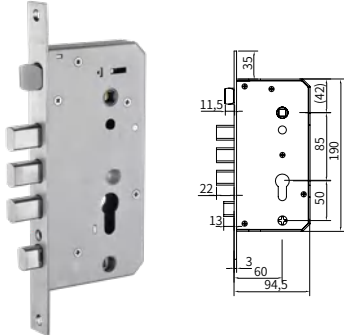
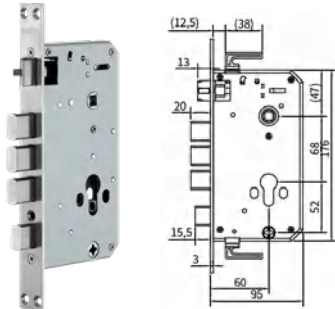

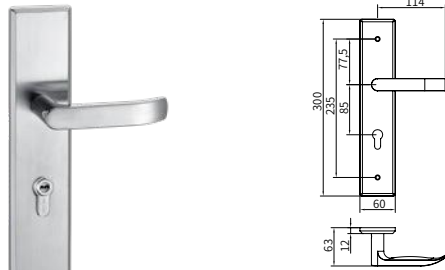
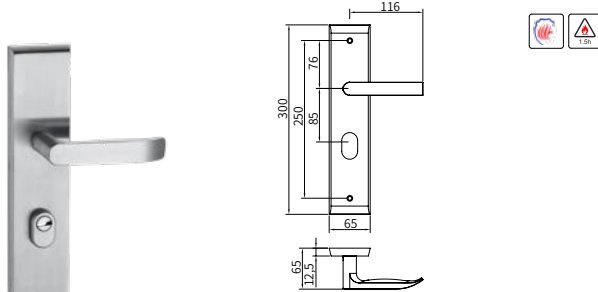
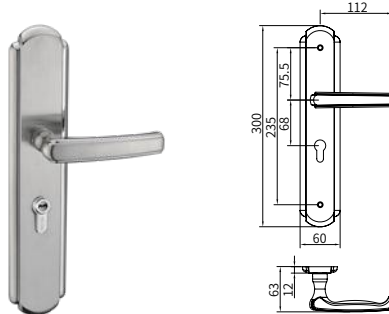
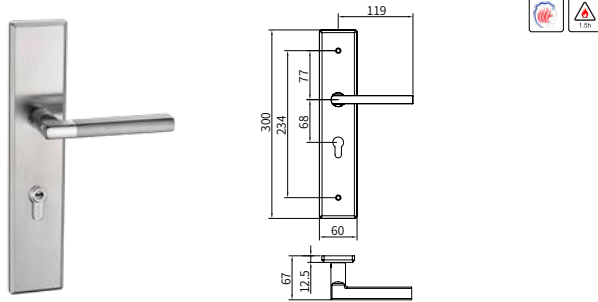


European standard mortise lock fire certification certificate



Anti Theft Door Lock Series

Burglar Lock Series

<ul style="list-style-type: none">◆ Passed the grade B test of GA / T73 - 2015 mechanical anti-theft lock.◆ The cylinder passed the C-level test.◆ Two sections of the lock bolt of the lock body extend out, and the latch bolt can be reversed.◆ With safety bolt, indoor knob control.◆ The safety bolt opens only through the interior side knob. <p>Standard with anti-theft cylinder, indoor and outdoor with the key to open dead bolt and latch bolt.</p> <p>Handle: 304 Stainless steel</p> <p>Cover plate: 304 Stainless steel</p> <p>Mounting screws: Stainless steel</p>		
<p>ST6085 Burglar lock body</p> 	<p>ST6068 Burglar lock body</p> 	<p>SX-006 Burglar lock cylinder</p> 
<p>SFD10814 Burglar lock</p>  <p>Lock body specification: ST6085</p> <p>Applicable door thickness: 49-58mm</p> <ul style="list-style-type: none">Stainless steel hairline + Mirror SCPVD gold (brushed+mirror) P8 (customized color)Matte green bronze AB (customized color)		<p>SFD11214F Burglar lock(Fire lock)</p>  <p>Lock body specification: ST6085</p> <p>Applicable door thickness: 49-58mm</p> <ul style="list-style-type: none">Stainless steel hairline + Mirror SCPVD gold (brushed+mirror) P8 (customized color)Matte green bronze AB (customized color)
<p>SFD14810 Burglar lock</p>  <p>Lock body specification: ST6068</p> <p>Applicable door thickness: 59-63mm</p> <p>Equipped with anti lifting lock and quick escape function</p> <ul style="list-style-type: none">Stainless steel hairline + Mirror SCPVD gold (brushed+mirror) P8 (customized color)Matte bronze AB (customized color)		<p>SFDS0207-68 Burglar lock(Fire lock)</p>  <p>Lock body specification: ST6068</p> <p>Applicable door thickness: 59-63mm</p> <p>Equipped with anti lifting lock and quick escape function</p> <ul style="list-style-type: none">Stainless steel hairline + Mirror SCPVD gold (brushed+mirror) P8 (customized color)Matte green bronze AB (customized color)

Anti-Theft Lock Certificate

报告编号: 公沪检 1943318

检测 报告

共 9 页第 1 页

样品名称	机械防盗锁	检测类别	委托检测
型号规格	FDS-B-1/ST6068	商标	KIN LONG
委托单位	广东坚朗精密制造有限公司		
受检单位名称	广东坚朗精密制造有限公司		
制造单位名称	广东坚朗精密制造有限公司		
抽样单编号	-		
抽样日期	-	抽样地点	-
受检批生产日期	-	批号或编号	-
抽样母体数量	-	抽(送)样数量	3, 锁芯100个
检测样品数量	3, 锁芯100个	样品收到日期	2019年09月02日
检测依据	GA/T 73-2015《机械防盗锁》		
判定依据	GA/T 73-2015《机械防盗锁》		
检测日期	2019年09月02日 至 2019年09月29日		
检测结论	由广东坚朗精密制造有限公司委托受检的 FDS-B-1/ST6068 型机械防盗锁样品, 经本中心检测的项目共计 39 项, 检测结果达到 GA/T 73-2015 中 B 级机械防盗锁的相关技术要求, 详见附后。		
受检单位 通讯资料	地址	广东省中山市东升镇广福大道88号	
	邮政编码	528414	电话
			-

批准: 戴学谦 审核: 戴学谦 编制或主检: 顾建文

签名: 戴学谦 戴学谦 顾建文

ST6068 Anti-theft lock Class B anti-theft test report

报告编号: 公沪检 20204527

检测 报告

共 9 页第 1 页

样品名称	防盗锁锁头	检测类别	委托检测
型号规格	SX-006	商标	坚朗
委托单位	广东坚朗精密制造有限公司		
受检单位名称	广东坚朗精密制造有限公司		
抽样单编号	-		
抽样日期	-	抽样地点	-
受检批生产日期	-	批号或编号	-
抽样母体数量	-	抽(送)样数量	100
检测样品数量	100	样品收到日期	2020年08月18日
检测依据	GA/T 73-2015《机械防盗锁》		
判定依据	GA/T 73-2015《机械防盗锁》		
检测日期	2020年08月18日 至 2020年09月14日		
检测结论	由广东坚朗精密制造有限公司委托受检的 SX-006 型防盗锁锁头样品, 经本中心检测的项目共计 39 项, 检测结果达到 GA/T 73-2015 中 C 级机械防盗锁头的相关技术要求, 详见附后。		
受检单位 通讯资料	地址	广东省中山市东升镇广福大道88号	
	邮政编码	528414	电话
			-

批准: 戴学谦 审核: 戴学谦 编制或主检: 顾建文

签名: 戴学谦 戴学谦 顾建文

Anti-theft lock core C level anti-theft test report



Escape Push Bar Lock Series

消防产品认证证书

CERTIFICATE FOR FIRE PRODUCT CERTIFICATION

证书编号: Z2018081806000645

认证委托人: 广东坚朗精密制造有限公司

地 址: 广东省中山市东升镇同乐村龙生围 (广福路88号) 厂房及办公楼

生 产 者: 广东坚朗精密制造有限公司 (H006971)

地 址: 广东省中山市东升镇同乐村龙生围 (广福路88号) 厂房及办公楼

生产企业: 广东坚朗精密制造有限公司

地 址: 广东省中山市东升镇同乐村龙生围 (广福路88号) 厂房及办公楼

产品名称: 防火锁

认证单元: SFDS0207-68

内含: SFDS0207-68 (主型)

产品认证实施规则: CCCF-CPRZ-18: 2019

产品认证基本模式: 型式试验+初始工厂检查+获证后监督

产 品 标 准: GB 12955-2008

上述产品符合消防类产品认证实施规则CCCF-CPRZ-18: 2019的要求, 特发此证。

首次发证日期: 2019-08-05

发(换)证日期: 2019年08月05日 有效期至: 2024年08月04日

本证书的有效性需依靠通过证后监督获得保持, 本证书的相关信息可通过中国消防产品信息网 www.cccf.com.cn 查询

中国认可 产品 PRODUCT CNAS C073-P

应急管理部消防产品合格评定中心

中国·北京市东城区东直门内大街108号 100077

http://www.cccf.com.cn

ST6068 Burglar lock fire certification certificate

消防产品认证证书

CERTIFICATE FOR FIRE PRODUCT CERTIFICATION

证书编号: Z2019081806000714

认证委托人: 广东坚朗精密制造有限公司

地 址: 广东省中山市东升镇同乐村龙生围 (广福路88号) 厂房及办公楼

生 产 者: 广东坚朗精密制造有限公司 (H006971)

地 址: 广东省中山市东升镇同乐村龙生围 (广福路88号) 厂房及办公楼

生产企业: 广东坚朗精密制造有限公司

地 址: 广东省中山市东升镇同乐村龙生围 (广福路88号) 厂房及办公楼

产品名称: 防火锁

认证单元: SFD11118F

内含: SFD11118F (主型)

SFD11214F

SFD10411F

SFD15551F

产品认证实施规则: CCCF-CPRZ-18: 2019

产品认证基本模式: 型式试验+初始工厂检查+获证后监督

产 品 标 准: GB 12955-2008

上述产品符合消防类产品认证实施规则CCCF-CPRZ-18: 2019的要求, 特发此证。

首次发证日期: 2019-08-05

发(换)证日期: 2019年08月06日 有效期至: 2024年08月04日

本证书的有效性需依靠通过证后监督获得保持, 本证书的相关信息可通过中国消防产品信息网 www.cccf.com.cn 查询

中国认可 产品 PRODUCT CNAS C073-P

应急管理部消防产品合格评定中心

中国·北京市东城区东直门内大街108号 100077

http://www.cccf.com.cn

ST6085 Burglar lock fire certification certificate

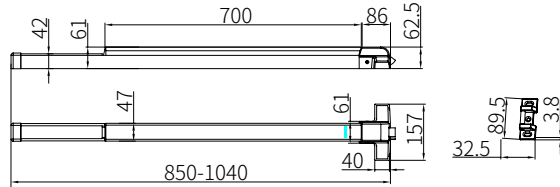

Escape Push Bar Lock Series

European Standard Escape Push Bar Lock (Push-open Mechanism)

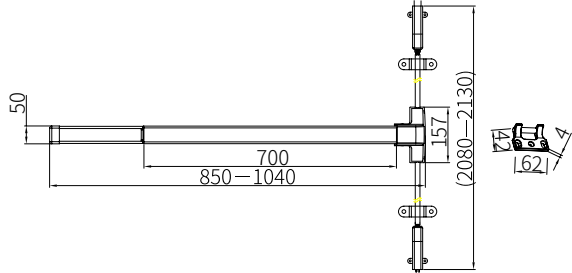

Conforms to European standard EN1125-2008 and is CE certified.
200,000 times durability test; 90 minutes fire resistance;
Stainless steel 304 castings for the lock tongue and lock cover.
Single tilt tongue structure, easy to use, no distinguish left and right.
Push open, easy to escape

Main body length: 1040mm, push plate length: 700mm
Applicable door width: Standard 1040mm,850-1040mm self-cutting for suitable length.
Applicable door height: 2135mm (STS11702)
Outside this range will require customization
Material: 304 stainless steel

STS11701 European Standard Escape Push Bar Lock



STS11702 European Standard Escape Push Bar Lock

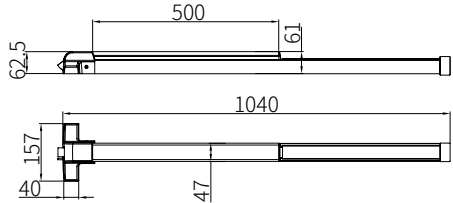



American Standard Escape Push Bar Lock (Push-open Mechanism)

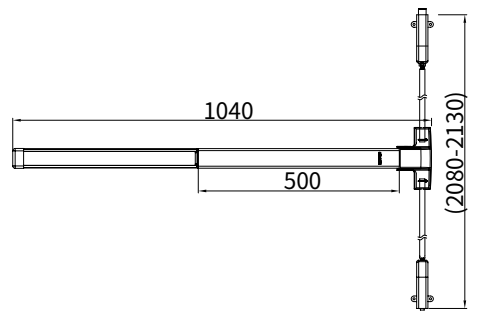

Conforms to ANSI/BHMA A156.3 grade1, UL10C.
500,000 times durability test; 90 minutes fire resistance.
Stainless steel 304 castings for the lock tongue and lock cover.
Single tilt tongue structure, easy to use, no distinguish left and right.
Push open, easy to escape

Main body length: 1040mm, push plate length: 500mm
Applicable door width: Standard 1040mm,650-1040mm self-cutting for suitable length.
Applicable door height: 2135mm (STS11802)
Outside this range will require customization
Material: 304 stainless steel

STS11801 American Standard Escape Push Bar Lock



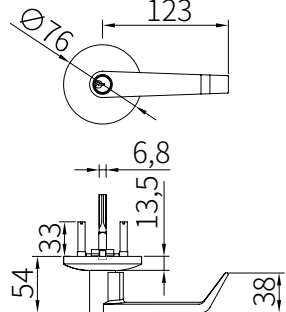

STS11802 American Standard Escape Push Bar Lock



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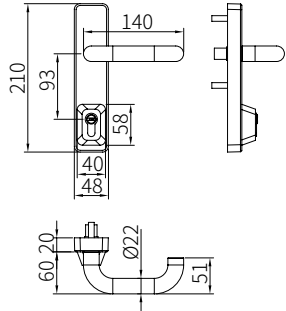

Escape Push Bar Lock Series-External Handle Lock

STS11711 External handle lock (European Standard)



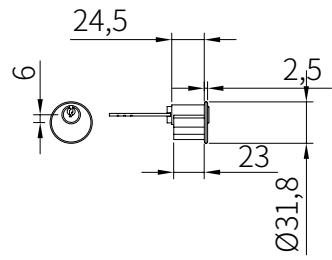

- Escutcheon diameter:76mm
- Applicable door thickness: 40- 50mm/51-60mm,
- Main material: 304 stainless steel
- Surface treatment: Brushed stainless steel
- Can be set to lock function and passage function
- With 3 keys
- Suitable for STS11701、STS11702

STS11712 External handle lock (European Standard)



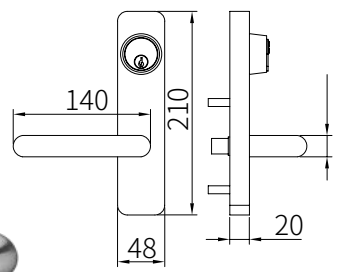

- Lock panel specification: 210*48mm
- Applicable door thickness: 43- 52mm/53-62mm
- Main material: 304 stainless steel
- Surface treatment: Brushed stainless steel
- Can be set to lock function and passage function
- With 3 keys
- Suitable for STS11701、STS11702

STS21710 External handle lock (European Standard\American Standard)



- Escutcheon diameter: 45mm
- Applicable door thickness: 40- 50mm/51-60mm
- Main Material: Zinc Alloy
- Surface treatment: Brushed nickel
- Can be set to lock function and passage function
- With 3 keys
- Suitable for STS11701、STS11702
STS11801、STS11802

STS11810 External handle lock (American Standard)



- Lock panel specification: 210*48mm
- Applicable door thickness: 43- 52mm/53-62mm
- Main material: 304 stainless steel
- Surface treatment: Brushed stainless steel
- Can be set to lock function and passage function
- With 2 keys
- Suitable for STS11801、STS11802

American Standard European Standard Push Bar Lock Certificate

CERTIFICATE OF COMPLIANCE

Certificate Number
Report Reference
Issue Date

20190510-R39781
R39781-20190121
2019-May-10

Issued to:

GUANGDONG KIN LONG PRECISION PRODUCTS CO LTD
NO.88 Guangfu Rd, Tongle Village,Dongsheng Town,
Zhongshan City, Guangdong 528414 CHINA

This certificate confirms that
representative samples of

FIRE-EXIT HARDWARE
See Addendum Page for Models/Product

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

UL 10C - Positive Pressure Fire Tests of Door Assemblies
Additional Information:
See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up
Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's
Follow-Up Services.

Look for the UL Certification Mark on the product.

Barrett

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UL LLC

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Page 1 of 2

UL

UL certificate for American standard push bar lock

intertek
We Quality Measure

Certificate of constancy of performance
0359 -CPR-00756-01

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 the Construction Products Regulation, this certificate applies to the construction product.

Applicant Name & Address:

Placed on the market under the name or trademark of **Guangdong KIN LONG Precision Products, Ltd.** No. 88, Guangfu Rd, Tongle Village, Dongsheng Town, Zhongshan City, Guangdong, China and produced in the manufacturing plant **A013**
Building hardware - Panic exit devices operated by a horizontal bar, for use on escape routes
For doors on escape routes

Product Description:

KIN LONG: ST551702, ST551703, ST551702, ST551702, ST551703, ST551703, ST551704, ST551704. **Refer to Appendix Table A2 for full details.**

Intended Use

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s) EN 12259:2008 under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

Brand Name and

This certificate was first issued on 4th June 2019 under CPR (305/2011) and will remain valid as long as neither the harmonized standard, the construction product, the AVEP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Model(s) / Product families

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this certificate at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with them. Once compliance with all product relevant "CE" mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Performance themselves and applying the mark to products identical to the tested sample(s).

Standard(s)/Directive(s):

INTERTEK TESTING & CERTIFICATION LIMITED, Registered No 3272281
Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ, United Kingdom. Web site: www.intertek.com
160526178GZU-001, 160526178GZU-002, 1710190045HF-BP-1, 1710190045HF-BP-2, AU10114031-3, AU10114031-4, AU10114031-5, AU10114031-6

Verification Issuing Office

Name & Address:

Test Report Number(s):

Name: David Bigland
Position: Head of Notified Body, CPR-BP
Date: 4-June-2019


Signature

European standard push bar lock CE certificate

Bathroom Door Lock Series

国家固定灭火系统和耐火构件质量监督检验中心
检 验 报 告


No. G-202008299 共 8 页 第 1 页

产品名称	推门式机械逃生门锁	型号规格	TTS-JF1.50-III STS11800
委托单位	广东坚朗精密制造有限公司	生产单位	广东坚朗精密制造有限公司
送检单位	广东坚朗精密制造有限公司	样品编号	202008299
抽样单位	空白	抽样基数	空白
抽样地点	空白	抽样日期	空白
样品数量	4套	到样日期	2020-09-25
检验类别	型式检验	样品等级	空白
检验日期	2020-10-12至2020-11-13		
检验依据	GB30051-2013		
判定依据	GB30051-2013		
检 验 结 论	所检项目全部符合判定依据的要求。(以下空白)  签发日期: 2020年11月16日		
备 注	报告中符号“/”表示无内容。		
批准:	审核:	编制:	

American Standard Push Bar Lock Fire Inspection Report

国家固定灭火系统和耐火构件质量监督检验中心
检 验 报 告

No. G-202008302 共 8 页 第 1 页

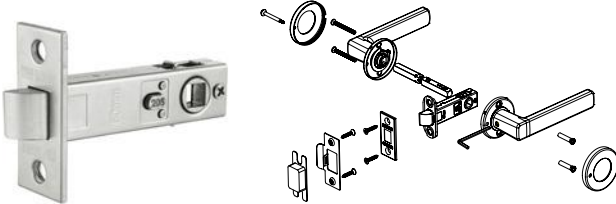
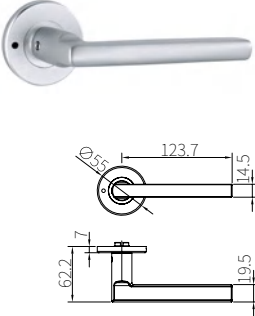
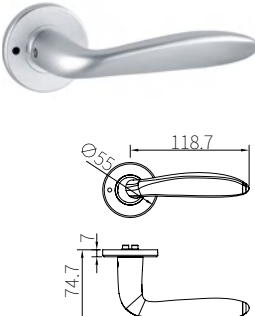
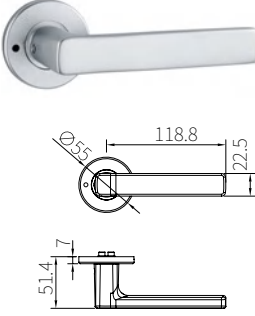
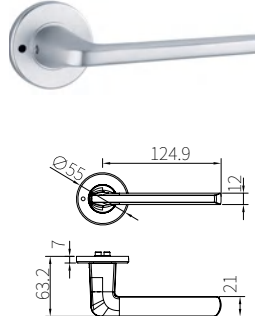
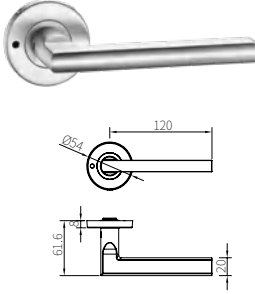
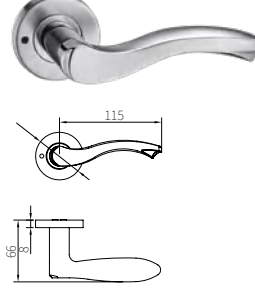
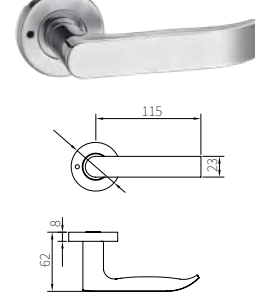
产品名称	推门式机械逃生门锁	型号规格	TTS-JF1.50-III STS11700
委托单位	广东坚朗精密制造有限公司	生产单位	广东坚朗精密制造有限公司
送检单位	广东坚朗精密制造有限公司	样品编号	202008302
抽样单位	空白	抽样基数	空白
抽样地点	空白	抽样日期	空白
样品数量	4套	到样日期	2020年09月25日
检验类别	型式检验	样品等级	空白
检验日期	2020年10月12日至2020年11月16日		
检验依据	GB30051-2013		
判定依据	GB30051-2013		
检 验 结 论	所检项目全部符合判定依据的要求。(以下空白)  签发日期: 2020年11月17日		
备 注	“/”表示无内容		
批准:	审核:	编制:	

European Standard Push Bar Lock Fire Inspection Report

61

62

Bathroom Door Lock Series

STW-ST0060D Lock body			
<div></div> <div>Passed the national standard GB 21556- 2008(QB/T2476) test Suitable for bathroom doors, etc. Anti-Mislock Function Indoor locking by safety pin Outdoor can be opened in case of emergency (press the pin into the hole) No distinguish left and right Backset distance: 60mm Applicable door thickness: 35-48mm (centered installation)</div>			
SWY48215 Bathroom door lock series	SWY48225 Bathroom door lock series	SWY48276 Bathroom door lock series	SWY48278 Bathroom door lock series
Aluminum Handle Escutcheon  <div><div>Quicksilver YY</div><div>Matte black BN</div><div>Gunmetal gray</div></div>	Aluminum Handle Escutcheon  <div><div>Quicksilver YY</div><div>Matte black BN</div><div>Gunmetal gray</div></div>	Aluminum Handle Escutcheon  <div><div>Quicksilver YY</div><div>Matte black BN</div><div>Gunmetal gray</div></div>	Aluminum Handle Escutcheon  <div><div>Quicksilver YY</div><div>Matte black BN</div><div>Gunmetal gray</div></div>
SWY15815 Bathroom door lock series	SWY15811 Bathroom door lock series	SWY15814 Bathroom door lock series	
Stainless Steel Handle Escutcheon  <div><div>Brushed Stainless Steel + Mirror SC</div><div>PVD gold</div><div>Matte Bronze AK</div><div>Matte Black BN</div></div>	Stainless Steel Handle Escutcheon  <div><div>Brushed Stainless Steel + Mirror SC</div><div>PVD gold</div><div>Matte Bronze AK</div><div>Matte Black BN</div></div>	Stainless Steel Handle Escutcheon  <div><div>Brushed Stainless Steel + Mirror SC</div><div>PVD gold</div><div>Matte Bronze AK</div><div>Matte Black BN</div></div>	

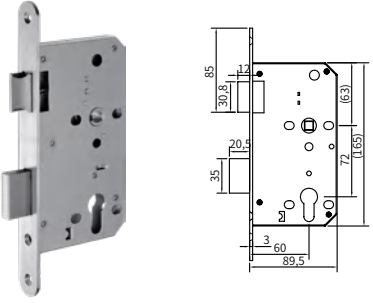
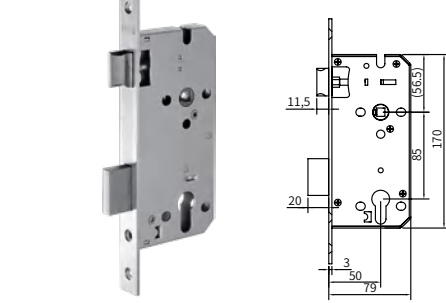

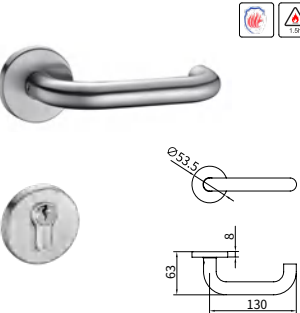



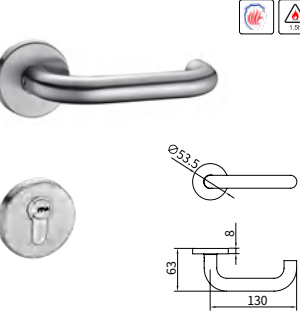
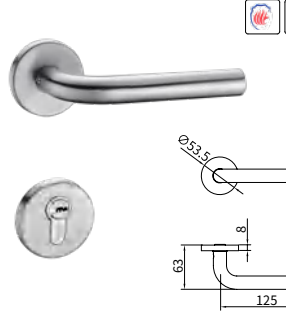
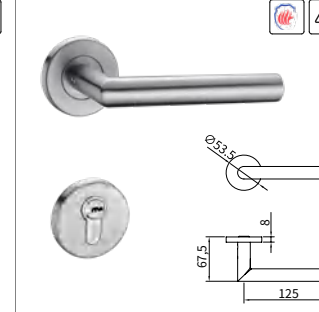
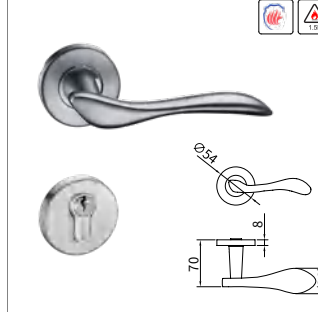


Fire-Resistant Lock Series

Fire -Resistant Lock Series (ST6072,ST5085Z)

Passed the national standard GB 21556-2008 testing.
Passed GB12955-2008 fire prevention testing and obtained fire certification.
Solid anti-sawing latch with reversible miter latch.
Outside key can open the square tongue and tilt tongue when closed.
With S groove single row 6-bead lock cylinder, 3 pieces of keys.
No distinguish left and right.

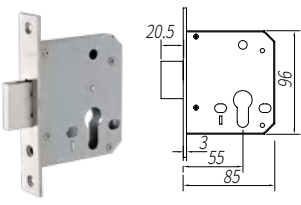
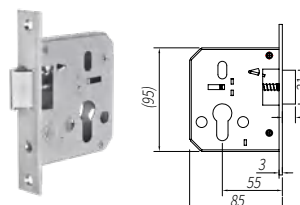
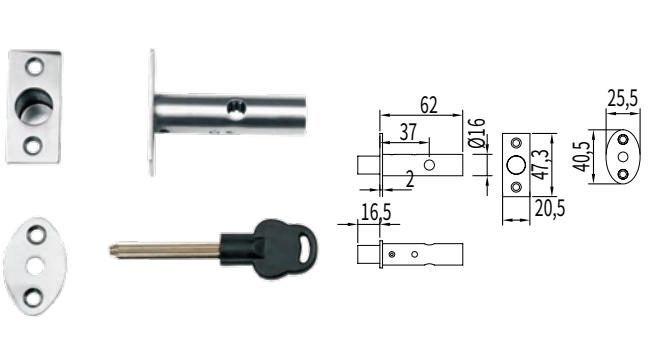
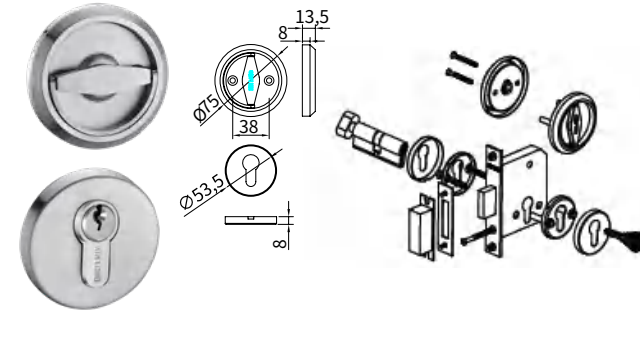

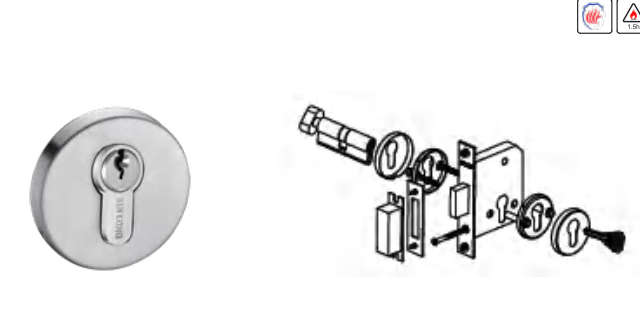
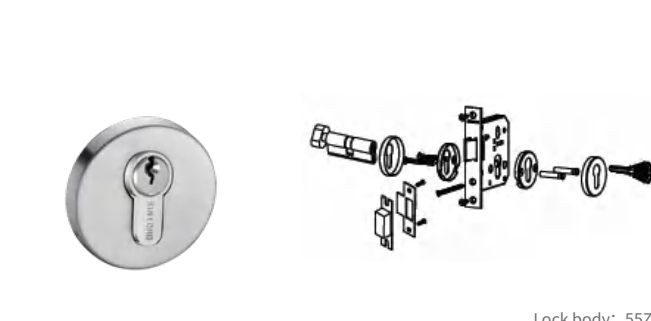
Handle、Escutcheon: 304 stainless steel
Exposed mounting screws: Stainless steel
Surface treatment: Stainless steel brushed SS
Customized eccentric lock core and non-standard locking plate are required for the door.
Applicable door thickness: 35-55mm

ST6072 Lock body		ST5085Z Lock body		SX-003 Lock cylinder	
					
SSN12730F Fire-resistant lock		SSN15811F Fire-resistant lock		SSN15814F Fire-resistant lock	
 <div>Lock body: ST5085Z</div> <div><div>Stainless steel hairline</div><div>PVD gold</div><div>Matte green bronze AK</div></div>		 <div>Lock body: ST5085Z</div> <div><div>Stainless steel hairline</div><div>PVD gold</div><div>Matte green bronze AK</div></div>		 <div>Lock body: ST5085Z</div> <div><div>Stainless steel hairline</div><div>PVD gold</div><div>Matte green bronze AK</div></div>	
SSN482F Fire-resistant lock		SFHS27105 Fire-resistant lock		SSN12729F Fire-resistant lock	
 <div>Lock body: ST5085Z</div> <div><div>Stainless steel hairline</div><div>PVD gold</div><div>Matte green bronze AK</div></div>		 <div>Lock body: ST6072</div> <div><div>Stainless steel hairline</div></div>		 <div>Lock body: ST6072</div> <div><div>Stainless steel hairline</div></div>	
SSN12737F Fire-resistant lock		SSN485F Fire-resistant lock			
 <div>Lock body: ST6072</div> <div><div>Stainless steel hairline</div></div>		 <div>Lock body: ST5085Z</div> <div><div>Stainless steel hairline</div><div>PVD gold</div><div>Matte green bronze AK</div></div>			



Tube Well Lock Series

Tube Well Lock Series

Passed the national standard GB 21556-2008 test Applicable door thickness: 35- 60mm Standard all-pass unlocking cylinder, 1 key		Main material: 304 stainless steel Surface treatment: Stainless steel wire drawing Exposed mounting screws: Stainless hairline If you need not open the cylinder, then re-inquiry and order remark	
55D Lock body		55Z Lock body	
			
SGSS001 Pipe Well Lock (Fire lock)		SFZ11202 Pipe Well Lock	
			
SFG11203 Pipe Well Lock		SSN12700 Pipe Well Lock	
			
SGSS003 Pipe Well Lock (Fire lock)		SFZ11207 Pipe Well Lock	
			
		Lock body: 55D	
		Lock body: 55Z	

Fireproof Locks, Tube Well Locks Fire Certification

			
Fireproof lock fire certification		Fireproof lock fire certification	
			
Fire Certificate for Tube Well Locks		Fire Certificate for Tube Well Locks	



Airtight Lock



管理编号: JCBG-F002	
广东省建设工程质量安全检测总站有限公司	
建筑外门物理性能检测报告	
报告编号: F2021 (60) 0128 页数: 4 页号: 1	
440300008	
委托单位	广东坚朗精密制造有限公司
生产单位	深圳市龙辉三和安防科技有限公司
工程名称	甲级钢质防火门
工程所在地	
型号规格	宽 1000mm×高 2300mm 试件编号 YF2021 (60) 0128
检测类别	来样、产品检测 (普通送检) 检测数量 三组
送检见证	检测时间 2021 年 9 月 1 日、2 日
检测项目	气密性能、抗风压性能
试件详细描述	1. 试件尺寸: 宽1000mm×高2300mm, 见附图; 2. 型材: 深圳市龙辉三和安防科技有限公司出品, 门框由2.0mm厚的镀锌钢板弯折而成, 宽度为120mm; 门扇由两块1.5mm厚的冷轧镀锌钢板, 一块46mm厚防火芯板、8mm厚防火板组成, 详见附图; 3. 密封胶条: 佛山市南海源泰防火材料有限公司产品; 4. 五金系统: 广东坚朗精密制造有限公司出品, 包括气密锁、合页、闭门器; 5. 工艺说明: 上下边框各安装一个锁点, 一侧边框上安装一个锁点; 对边边框上安装四个合页, 上框安装一个闭门器。
委托要求	1. 气密性能: 国标 6 级。 2. 抗风压性能: $P_1=3500\text{Pa}$, $P_{max}=5250\text{Pa}$ 。
检测方法	GB/T 7106-2019 建筑外门气密、水密、抗风压性能检测方法
分级标准	GB/T 31433-2015 建筑幕墙、门窗通用技术条件
检测设备	建筑门窗幕墙物理性能检测设备 (GDM-2020)
检测结论	各项检测结果均满足委托要求。
备注	性能分级见附表 (页号 3)。
批准: 审核: 校核: 主检:	

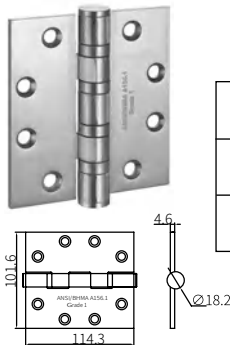
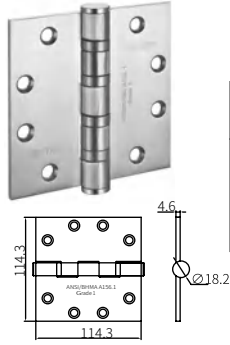
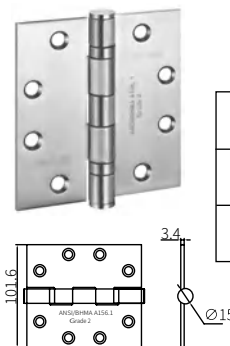
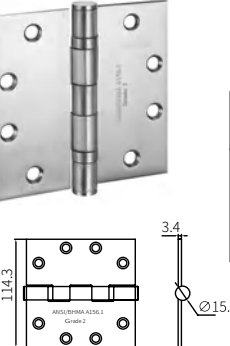
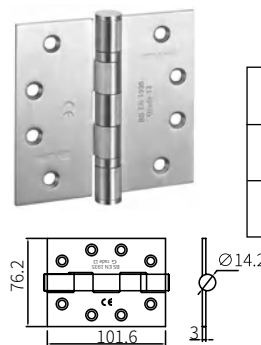
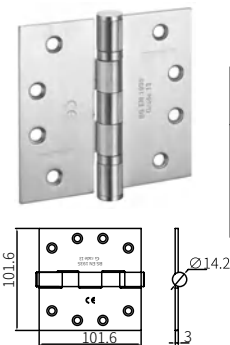
Gas lock inspection report

- Description of functional features:
- 1.Compliance with standards: GB/T7106-2019/Test Method for Air Tightness, Water Tightness, and Wind Pressure Resistance of Exterior Windows and Doors in Buildings, GB/T31433-2015/ General Technical Conditions for Building Curtain Walls, Doors and Windows.
 - 2.Material: Lock bolt, lock plate, lock cover plate stainless steel.
 - 3.Side dead bolt, upper and lower bolt, resistant to wind pressure up to 3000pa; The lifespan exceeds 500000 times.
 - 4.Door edge dimension: 70mm, opening angle: 70°
 - 5.Suitable for door height ≤ 2400mm, door thickness 40-60mm, customized beyond the range;
 - 6.To be installed in conjunction with the airtight door.



Hardware Accessories

American and European Standard Hinges

<div>American standard hinge</div> <div>Tested and certified according to the American standard ANSI A156.1 Level 1, with a maximum of 2.5 million lifetimes. Tested and certified according to the American standard ANSI A156.1 Level 2, with a maximum of 1.5 million lifetimes. Passed GB12955-2008 Class A 1.5h fire detection. Material: 304 stainless steel Surface treatment: brushed</div>													
<div>SHY454046-4BB American standard level-I hinge</div> <div><table><tr><td>Main material</td><td>304 stainless steel</td></tr><tr><td>Dimension</td><td>4.5"x4.0"x4.6- 4BB</td></tr><tr><td>Three hinges bearing weight</td><td>75Kg</td></tr></table></div>	Main material	304 stainless steel	Dimension	4.5"x4.0"x4.6- 4BB	Three hinges bearing weight	75Kg	<div>SHY454546-4BB American standard level-I hinge</div> <div><table><tr><td>Main material</td><td>304 stainless steel</td></tr><tr><td>Dimension</td><td>4.5"x4.5"x4.6- 4BB</td></tr><tr><td>Three hinges bearing weight</td><td>75Kg</td></tr></table></div>	Main material	304 stainless steel	Dimension	4.5"x4.5"x4.6- 4BB	Three hinges bearing weight	75Kg
Main material	304 stainless steel												
Dimension	4.5"x4.0"x4.6- 4BB												
Three hinges bearing weight	75Kg												
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Dimension	4.5"x4.5"x4.6- 4BB												
Three hinges bearing weight	75Kg												
<div>SHY454034-2BB American standard level-II hinge</div> <div><table><tr><td>Main material</td><td>304 stainless steel</td></tr><tr><td>Dimension</td><td>4.5"x4.0"x3.4- 2BB</td></tr><tr><td>Three hinges bearing weight</td><td>70Kg</td></tr></table></div>	Main material	304 stainless steel	Dimension	4.5"x4.0"x3.4- 2BB	Three hinges bearing weight	70Kg	<div>SHY454534-2BB American standard level-II hinge</div> <div><table><tr><td>Main material</td><td>304 stainless steel</td></tr><tr><td>Dimension</td><td>4.5"x4.5"x3.4- 2BB</td></tr><tr><td>Three hinges bearing weight</td><td>70Kg</td></tr></table></div>	Main material	304 stainless steel	Dimension	4.5"x4.5"x3.4- 2BB	Three hinges bearing weight	70Kg
Main material	304 stainless steel												
Dimension	4.5"x4.0"x3.4- 2BB												
Three hinges bearing weight	70Kg												
Main material	304 stainless steel												
Dimension	4.5"x4.5"x3.4- 2BB												
Three hinges bearing weight	70Kg												
<div>European standard</div> <div>Tested and certified according to the European standard EN 1935:2002 Single axis hinges - Requirements and test methods. Opened up to 200000 times. Passed GB12955-2008 Class A 1.5h fire detection. Material: 304 stainless steel Surface treatment: brushed</div>													
<div>SHY403030-2BB European standard hinge</div> <div><table><tr><td>Main material</td><td>304 stainless steel</td></tr><tr><td>Dimension</td><td>4"x3"x3- 2BB</td></tr><tr><td>Three hinges bearing weight</td><td>120Kg</td></tr></table></div>	Main material	304 stainless steel	Dimension	4"x3"x3- 2BB	Three hinges bearing weight	120Kg	<div>SHY404030-2BB European standard hinge</div> <div><table><tr><td>Main material</td><td>304 stainless steel</td></tr><tr><td>Dimension</td><td>4"x4"x3- 2BB</td></tr><tr><td>Three hinges bearing weight</td><td>120Kg</td></tr></table></div>	Main material	304 stainless steel	Dimension	4"x4"x3- 2BB	Three hinges bearing weight	120Kg
Main material	304 stainless steel												
Dimension	4"x3"x3- 2BB												
Three hinges bearing weight	120Kg												
Main material	304 stainless steel												
Dimension	4"x4"x3- 2BB												
Three hinges bearing weight	120Kg												

American Standard European Standard Hinge Certificate

National Standard Hinge

intertek
Total Quality Assured

Test Verification of Conformity

Verification Number: 190814117GZU-001 VOC

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specification(s)/standard(s) at the time the tests were carried out. This verification is part of the full test report(s) and should be read in conjunction with it.

Applicant Name & Address:
Guangdong KIN LONG Precision Products Co., Ltd.
NO.88 Guangfu Rd, Tongle Village, Dongsheng Town, Zhongshan City,
Guangdong Province, China

Product Description:
Hinge

Ratings & Principle Characteristics:
Grade 1

Models/Type References:
SHY454546-4BB, SHY454046-4BB

Brand Name(s):
KIN LONG

Specification(s)/Standard(s):
ANSI/BHMA A156.1:2016
American National Standard for Butts and Hinges

Verification Issuing Office Name & Address:
Intertek Testing Services Shenzhen Ltd, Guangzhou Branch
Room 4103 & 4203, No. 63, Panan Road, Huangpu District, Guangzhou
Guangdong Province, China

Test Report Number(s):
190814117GZU-001

Jordan Lin
Signature
Name: Jordan Lin
Position: Project Engineer
Date: 20 August 2019

This certificate is for the exclusive use of member(s) and is a product of the agreement between member(s) and Intertek. Member(s) responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability for any party other than the member(s) who is responsible for the accuracy of the information provided to Intertek. This certificate is not valid if it is used for any purpose other than the one for which it was issued. The certificate is not valid if it is used for any purpose other than the one for which it was issued. The certificate is not valid if it is used for any purpose other than the one for which it was issued. The certificate is not valid if it is used for any purpose other than the one for which it was issued.

Page 1 of 1

QPT-OP-11a (22 February 2018)

American standard level-I hinge ANSI certification

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Total Quality Assured

Test Verification of Conformity

Verification Number: 190814117GZU-002 VOC

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specification(s)/standard(s) at the time the tests were carried out. This verification is part of the full test report(s) and should be read in conjunction with it.

Applicant Name & Address:
Guangdong KIN LONG Precision Products Co., Ltd.
NO.88 Guangfu Rd, Tongle Village, Dongsheng Town, Zhongshan City,
Guangdong Province, China

Product Description:
Hinge

Ratings & Principle Characteristics:
Grade 2

Models/Type References:
SHY454534-2BB, SHY454034-2BB

Brand Name(s):
KIN LONG

Specification(s)/Standard(s):
ANSI/BHMA A156.1:2016
American National Standard for Butts and Hinges

Verification Issuing Office Name & Address:
Intertek Testing Services Shenzhen Ltd, Guangzhou Branch
Room 4103 & 4203, No. 63, Panan Road, Huangpu District, Guangzhou
Guangdong Province, China

Test Report Number(s):
190814117GZU-002

Jordan Lin
Signature
Name: Jordan Lin
Position: Project Engineer
Date: 20 August 2019

This certificate is for the exclusive use of member(s) and is a product of the agreement between member(s) and Intertek. Member(s) responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability for any party other than the member(s) who is responsible for the accuracy of the information provided to Intertek. This certificate is not valid if it is used for any purpose other than the one for which it was issued. The certificate is not valid if it is used for any purpose other than the one for which it was issued. The certificate is not valid if it is used for any purpose other than the one for which it was issued. The certificate is not valid if it is used for any purpose other than the one for which it was issued.

Page 1 of 1

QPT-OP-11a (22 February 2018)

American standard level-II hinge ANSI certification

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CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-192486-01

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Product(s):
Building hardware - Single-axis hinges - Requirements and test methods (refer to attached appendix for details and conditions)

Placed on the market under the name or trade mark of:
Guangdong KIN LONG Precision Products Co., Ltd.
No. 88 Guangfu Rd, Tongle Village, Dongsheng Town, Zhongshan City,
Guangdong, China
50-15481

and produced in the manufacturing plant(s):
Intended use:

On fire/smoke compartmentation doors fitted with door closing devices (to enable such doors to close reliably and thus achieve self-closing in the event of fire)

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 1335:2002/AC:2003

Under System 1 for the performances set out in this certificate are applied and that the performance of the construction product fulfils all the prescribed requirements for these performances.

This certificate first issued on 2019-11-27 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

The issued document and statement(s) herein makes reference only to a presumption of conformity in accordance with the CPR Regulations (EU 305/2011 (as amended)). However, it is the manufacturer's or their authorized representative's sole responsibility to affix the CE logo and, by doing so, confirm full compliance and conformity to all other European mandatory directives and regulations that may also apply.

Signature:
Roland Heide
Name: Dipl.-Ing. Roland Heide
Date: 2019-11-27
Issue: 01
Position: Certification Manager

CE
0905

Intertek Deutschland GmbH, Mangelstraße 1, 70771 Leinfelden-Echterdingen
Tel.: +49 711 273113-0 E-Mail: info@intertek.com Web: www.intertek.de
Page 1 of 1

European standard hinge CE certification

Certificate of Compliance

Issued to:
GUANGDONG KIN LONG PRECISION PRODUCTS CO LTD
Building 5 and 6, Juxin Industrial Park 61
Lianfeng Juxin Road, Xiaolan Town Zhongshan
City Guangdong Sheng 528414 CN

Certificate Number:
R41317

Report Reference:
R41317-20240327

Issue Date:
2024-MARCH-27

This certificate confirms that representative samples of:
DOOR HINGES
See addendum page for Model/Product

Has been evaluated by UL LLC in accordance with Standard(s) for Safety:
ANSI/UL 10C-2016 (R2021), Positive Pressure Fire Tests of Door Assemblies.

Additional Information:
See UL Product iQ² at <https://iq2.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

David Pieuch
David Pieuch
UL Mark Certification Program Owner

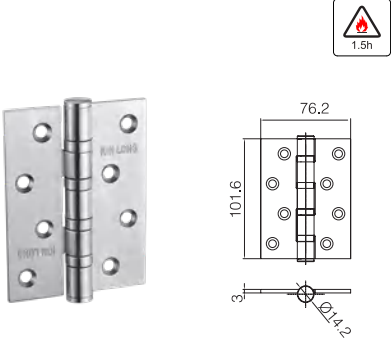
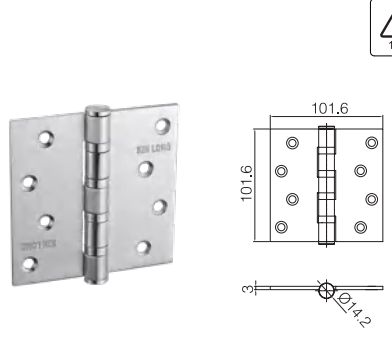
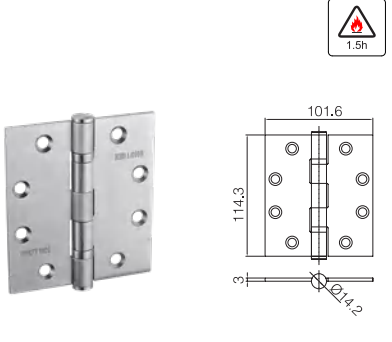
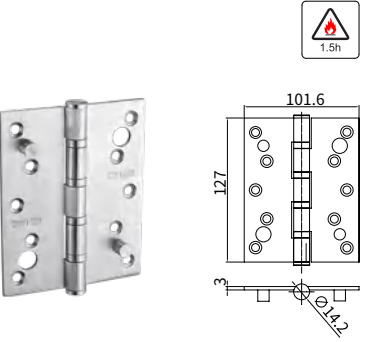
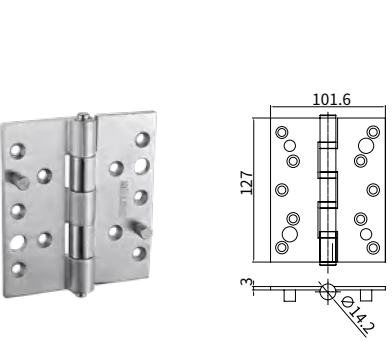
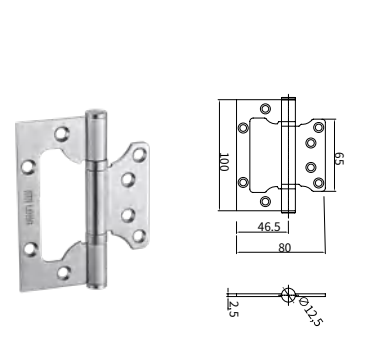
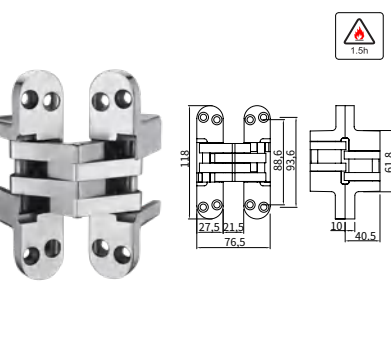
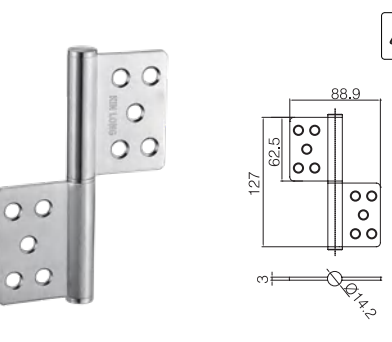
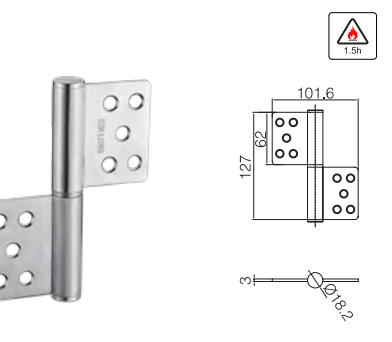
Any information and documentation including UL Mark verifiers are provided on behalf of UL LLC/UL Ltd any authorized licensee of UL. For questions, please contact UL's Customer Service at ULCustomerService@ul.com

Page 1 of 2

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Form:ULB-013458 Rev 1.0

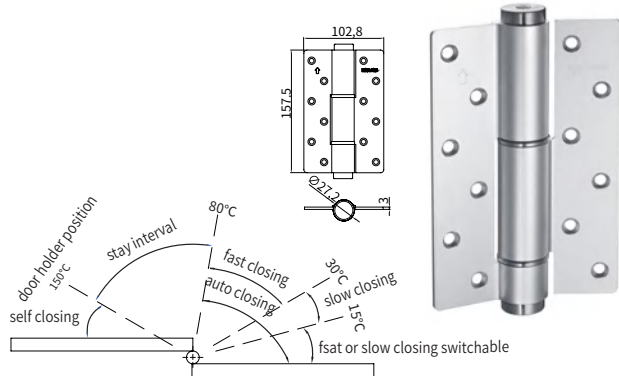
American standard hinge fire test report

Tested through QB/T4595.1-2013 Hinge , Material: 304 stainless steel Surface treatment: brushed

SHY12103 Fire resistant hinges	SHY12104 Fire resistant hinges	SHY12105 Fire resistant hinges
 <p>4"x3"x3- 4BB Three hinges bearing weight: 40- 60Kg</p>	 <p>4"x4"x3- 4BB Three hinges bearing weight: 40- 60Kg</p>	 <p>4.5"x4"x3- 2BB Three hinges bearing weight: 40- 60Kg</p>
SHY12111 Anti theft hinge	SHY12112 Anti theft hinge	SHY12126 Child hinge
 <p>5"x4"x3- 4BB Three hinges bearing weight: 40- 60Kg</p>	 <p>5"x4.5"x6 Three hinges bearing weight: 200Kg</p>	 <p>100"x80"x2.5-2BB Three hinges bearing weight: 30-40Kg</p>
SHY12124 Concealed hinge	SHY12113 Flag shaped hinge	SHY12114 Flag shaped hinge
 <p>Two hinges bearing weight: 50Kg Opening angle 180° Applicable door thickness ≥ 40mm</p>	 <p>5"x3.5"x3 Three hinges bearing weight: 40- 60Kg</p>	 <p>5"x4"x3 Three hinges bearing weight: 40- 60Kg</p>

Hardware Accessories Series - Special Hinges

SHY42135 Multifunctional hinge



Product main material: aluminum alloy
Surface treatment: silver, matte black
No distinguish left and right
Hinge composition:
Multifunctional hinge: SHY42135+Load bearing hinge: SHY42135A
Features: combining hinge, door closer, and door stopper function in one;
Automatic door closing: It can automatically close the door at the angle of closing.
Automatic buffering: Before entering the lock, the door closing and closing speed can be adjusted to achieve buffering.
Stay at any position: Prevent the door from automatically closing at any dwell angle.
According to the enterprise standard: Q/JL 04-2019 "Hydraulic hinges for building doors".
with a lifespan exceeding 150000 times.

Door weight	Door specifications	Product configuration	Note	Characterization
≤35kg	≤2000mmX700mm	1 multifunctional hinge (top) + 1 load-bearing hinge (bottom)	2 multifunctional hinges for better results	1. Installation is not divided into left and right, easy to install;
≤60kg	≤2000mmX900mm	2 multifunctional hinges	Height over 2100mm plus 1 load-bearing hinge (3 multifunctional hinges for better effect)	2. Closing strength is adjusted arbitrarily;
≤90kg	≤2400mmX1100mm	3 multifunctional hinges	/	3. Efficient hydraulic system, smooth use;
				4. Full rolling bearing barge, quiet, durable.

SHY12140F Eccentric door shaft



- Functional characteristic description:
- Compliance with standards: GB12955-2008 /Fire door, T/CAMET05001-2020 /Wind Pressure Fireproof Doors for Urban Rail Transit Tunnels.
 - Made of 304 stainless steel material with stainless steel wire drawing on the surface;
 - Distinguish between left and right directions;
 - Concealed installation, suitable for swing doors. When there is an error between the door leaf and the door frame, the gap can be directly adjusted without removing the door leaf;
 - Using bearings with lubricating effect, without wear on the metal shaft, and with silent switch sound;
 - Product neutral salt spray test for more than 72 hours;
 - Passed 1.5 hours of fire resistance testing and 500000 life tests;
 - Maximum load-bearing capacity: 300kg; And there is a test report.

Lab-510-01		报告编号: J21-WT0392			
		共 3 页 第 1 页			
广东省中山市质量计量监督检测所					
检 验 报 告					
验证号: 321238					
样品名称	防火偏心合页		生产日期	2021 年 06 月 10 日	
型号、规格	SHY12140F		编号或批号	——	
商标	KINLONG	等 级	-----	样品单号	D58545
受检单位	——		检验类别	委托检验	
委托单位	广东坚朗精密制造有限公司		样品数量	3 副	
生产单位	广东坚朗精密制造有限公司		抽样基数	——	
抽样地点	——		到样日期	2021 年 06 月 15 日	
来样方式	委托方送样		验收日期	2021 年 07 月 27 日	
样品特征和状态 完好					
检验依据 JG/T 125-2017《建筑门窗五金件 合页（铰链）》					
检 验 结 论 所检项目符合 JG/T 125-2017 标准要求。					
<div></div>					
备注 本次检验客户要求反复启闭次数为 50 万次。					
批准: 袁中强 审核: 李思远 编制: 袁中强					

Performance test report


国家固定灭火系统和耐火构件质量监督检验中心	
检 验 报 告	
No. Qn202008478	共 4 页 第 1 页
产品名称	防火门铰链（合页）
型号规格	SHY12140F
委托单位	广东坚朗精密制造有限公司
生产单位	广东坚朗精密制造有限公司
送检单位	广东坚朗精密制造有限公司
样品编号	202008478
抽样基数	空白
抽样地点	空白
抽样日期	空白
样品数量	4 副
抽样日期	2020-09-28
检验类别	型式检验（耐火性能）
样品等级	空白
检验日期	2020-10-12 至 2020-11-25
检验地点	质检中心
检验依据	GB12955-2008
检验项目	耐火性能
检 验 结 论	依据GB12955-2008《防火门》检验，耐火性能合格。（以下空白）
备 注	本栏空白
批准:	李伟
审核:	李伟
编制:	李伟

Fire test report

Hardware Accessories Series - Auxiliary Hardware

Execution standards

The door stopper passed the QB/T4596-2013 /Door Sucker and Door Buckle/ test, and the latch passed the QB/T 2032-2013 "Steel Latch" test.
The sealing strip complies with GB/T 24498-2009 "Sealant strips for building doors, windows, and curtain walls".
Other products comply with QB/T4518-2013 "Accessories for Decorative Doors".

SHY1222 Door stopper	SMX12211 Door stopper	SMX12215 Door sucker
 Main materials: 304 stainless steel	 Main materials: 304 stainless steel	 Main materials: 304 stainless steel Suction range: 5-10N
SCX12710 Automatic concealed latch steel doors	SCX12701 Steel Door Concealed Pins	STB12901 Push-pull plate
 Main materials: 304 stainless steel Not distinguishing right and left	 Main materials: 304 stainless steel	 Main materials: 304 stainless steel
SMJ22301 Door mirror	SFT12801 Dust proof boot	SDS43001 Door Bottom Automatic Dust Barrier
 Main Material: Zinc Alloy	 Main materials: 304 stainless steel	 Main material: Aluminum alloy
SSW12602 Sequencer	SSW12603 Concealed sequencer	SSW12604 Overload sequencer
 Main materials: 304 stainless steel	 Main materials: 304 stainless steel	 Main materials: 304 stainless steel



Door Control Hardware
Sliding Door Product
Catalog

Door Control Hardware Series

Wooden Sliding Door Hardware Series

Wooden sliding door hardware



Wooden cushioned sliding door fittings

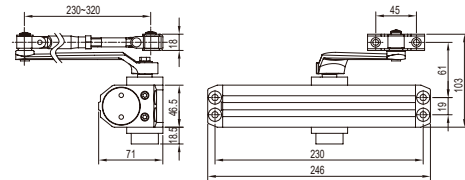


Wooden synchronized sliding door hardware



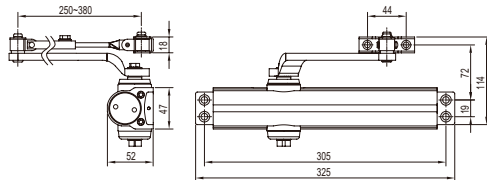
Door Closer Series

BBM60006 American Standard Door Closers



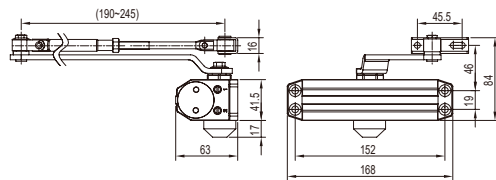
Positioning form	Non-holding
Door width range	650~1500mm
Maximum bearing capacity	15~150kg
Service life	≥2 million times
Speed control	Two-stage speed Adjustment
Surface treatment	Silver gray

BBM60106 American Standard Door Closers



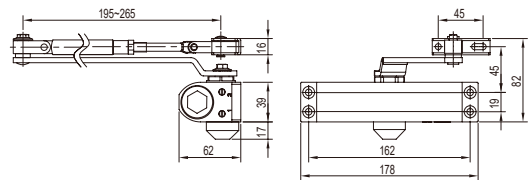
Positioning form	Non-holding
Door width range	650~1500mm
Maximum bearing capacity	15~150kg
Service life	≥2 million times
Speed control	Two-stage speed Adjustment
Surface treatment	Silver gray

GA93-3CI(B103) Fire Door Closer



Positioning form	Non-holding
Door width range	1000~1250mm
Maximum bearing capacity	65kg
Service life	> 300,000 times
Speed control	Two-stage speed Adjustment
Surface treatment	Silver gray (Non-standard colors can be customized)

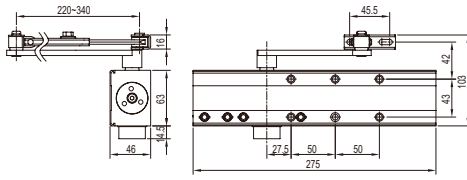
GA93-4CI(B104) Fire Door Closer



Positioning form	Non-holding
Door width range	1000~1250mm
Maximum bearing capacity	45kg
Service life	> 300,000 times
Speed control	Two-stage speed Adjustment
Surface treatment	Silver gray (Non-standard colors can be customized)

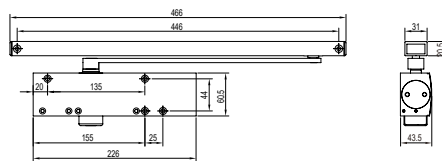
Door Closer Series

BBM90006 European Standard Door Closers



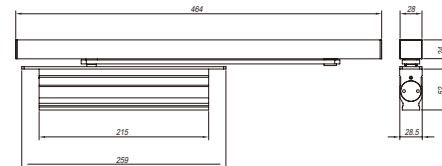
Positioning form	Non-holding
Door width range	850~1500mm
Maximum bearing capacity	85~150kg
Service life	> 500,000 times
Speed control	Two-stage speed regulation
Surface treatment	Silver gray (Non-standard colors can be customized)
Applicable temperature	-20°C ~ 50°C

BBM90115 European Standard Door Closers



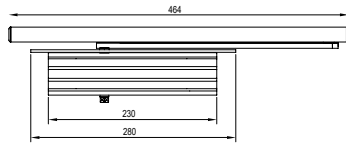
Positioning form	Any position can be positioned, positioning can be revoked
Door width range	650~1500mm
Maximum bearing capacity	25~85kg
Service life	> 500,000 times
Speed control	Two-stage speed regulation
Surface treatment	Silver gray (Non-standard colors can be customized)
Applicable temperature	-20°C ~ 50°C

BBM30113 European Standard Hidden Door Closer



Positioning form	Any position can be positioned, positioning can be revoked
Door width range	850~1100mm
Maximum bearing capacity	65kg
Service life	> 500,000 times
Speed control	Two-stage speed regulation
Surface treatment	Silver gray (Non-standard colors can be customized)
Applicable temperature	-20°C ~ 50°C

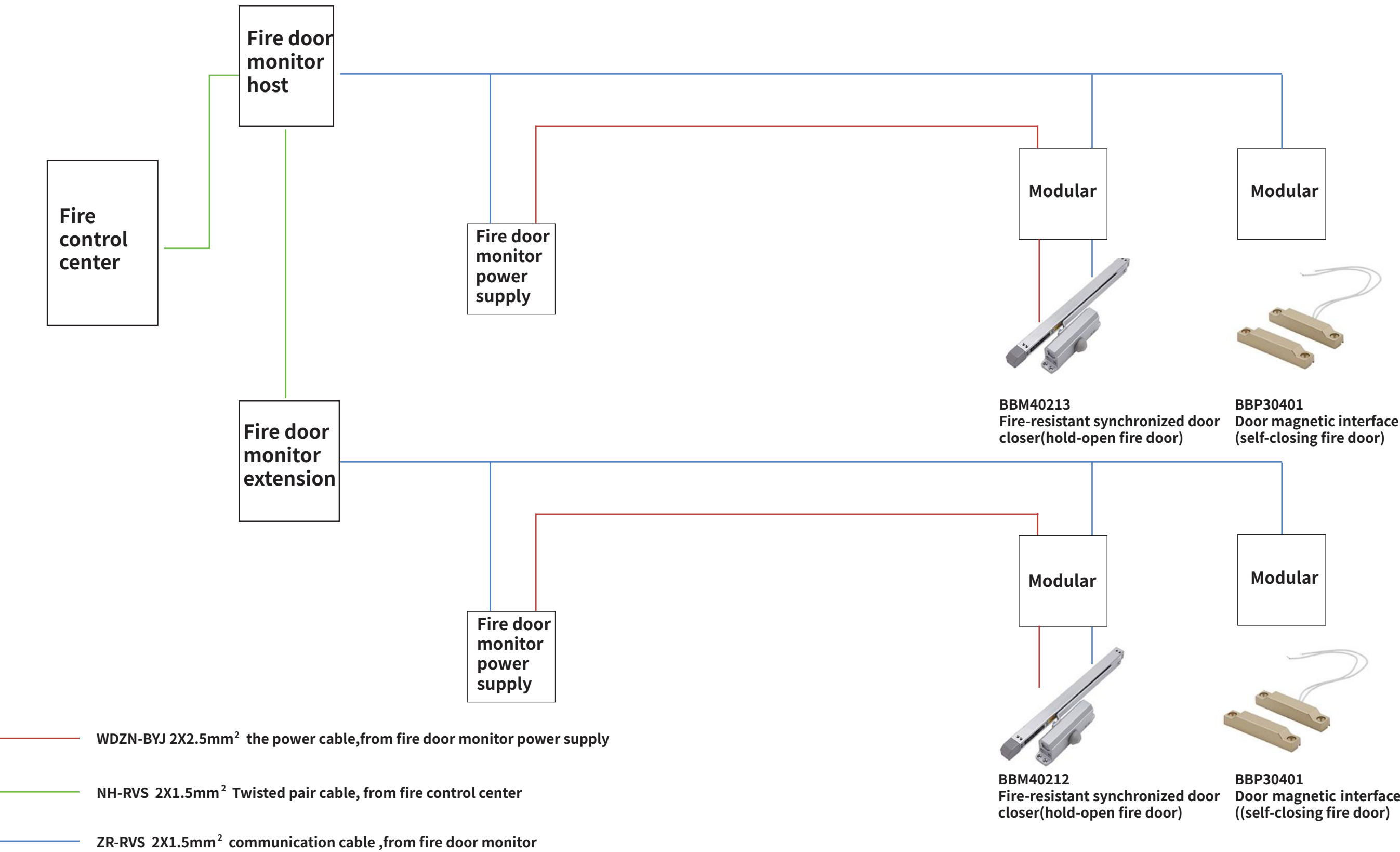
BBM30115 Hidden Door Closer



Positioning form	Any position can be positioned, positioning can be revoked
Door width range	1100~1300mm
Maximum bearing capacity	100kg
Service life	> 300,000 times
Speed control	Two-stage speed regulation
Surface treatment	Silver gray (Non-standard colors can be customized)
Applicable temperature	-20°C ~ 50°C

Fire-resistant Synchronized Door Closer Series

Topology Diagram of Fire Door Monitoring System (Five-Wire Non-Encoded Type)



Electric Door Closer Series

Non-contact Door Hardware

Model: BBM40015





Remote control door opening



Induction door opening



Face recognition door opening



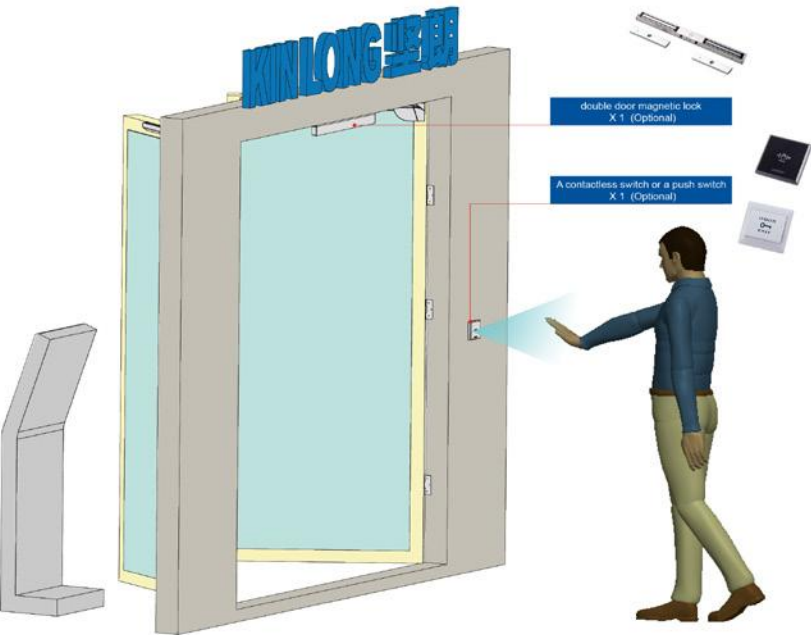
Password/ fingerprint/scan card door opening

Electric Door Closer Series

Electromechanical Sliding Track Door Closer with Non-contact Hardware – Outdoor



Electromechanical Sliding Track Door Closer with Non-contact Hardware – Indoor





Floor Spring and Supporting Hardware

Floor Spring and Supporting Hardware - Floor Spring

HD101 Floor Spring

Passed the industry standard QB/T 2697 testing;
Passed SGS, DGM test;
Applicable door width: 650-1050mm
Maximum door weight: 100Kg
Service life: > 500,000 times
90° Holding

1-speed closing
Buffer
0° for door closing, 90° for door positioning

BDH20314 Floor Spring

Passed the industry standard QB/T 2697 testing;
Passed SGS, DGM test;
Applicable door width: 650-1050mm
Maximum door weight: 100Kg
Service life: > 500,000 times
90° Holding
Ultra-narrow body

1-speed closing
2-speed closing
Buffer
① 0° for door closing, 90° for door positioning
② Two-stage speed adjustment
90°~15° closing phase
15°~0° locking phase

HD203 Floor Spring

Passed the industry standard QB/T 2697 testing;
Passed SGS, DGM test;
Passes EN1154 door closer test
Applicable door width: 650-1050mm
Maximum door weight: 100Kg
Service life: > 1000,000 times
90° Holding

1-speed closing
2-speed closing
Buffer
① 0° for door closing, 90° for door positioning
② Two-stage speed adjustment
90°~15° closing phase
15°~0° locking phase

HD305 Floor Spring

Passed the industry standard QB/T 2697 testing;
Passed SGS, DGM test;
Passes EN1154 door closer test
Applicable door width: 650-1050mm
Maximum door weight: 100Kg
Service life: > 1000,000 times
90° and 120-180° Holding

1-speed closing
2-speed closing
Buffer
Stoppable at any position
① 0° for door closing, 90° for door positioning
② Two-stage speed adjustment
90°~15° closing phase
15°~0° locking phase

BDH50012 Floor Spring

Passed the industry standard QB/T 2697 testing;
Passed SGS, DGM test;
Passes EN1154 door closer test
Applicable door width: 1200-1500mm
Maximum door weight: 300Kg
Service life: > 500,000 times
90° Holding

1-speed closing
2-speed closing
Buffer
① 0° for door closing, 90° for door positioning
② Two-stage speed adjustment
90°~15° closing phase
15°~0° locking phase

BDH70014 Concealed floor spring

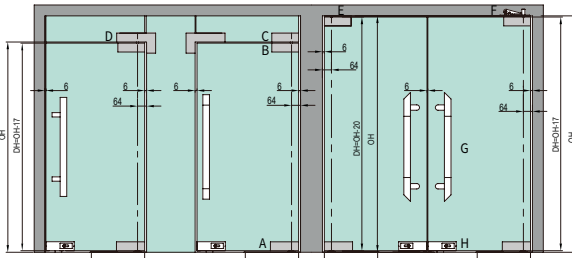
Passed the industry standard QB/T 2697 testing;
Applicable door width: 750-900mm
Maximum door weight: 100Kg
Service life: > 300,000 times
Material: aluminum alloy
90° Holding

Hole opening diagram:

Floor Spring and Supporting Hardware - Patch Fittings and Glass Door Lock

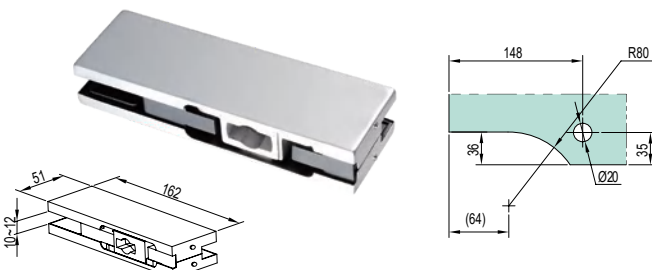
Door Clip Series 100kg

Maximum door weight 100Kg
Applicable door thickness 10-12mm
Applicable door width ≤1000mm
Applicable door height ≤2600mm
Main material: main body high-strength die-casting aluminum alloy
Decorative cover 304 stainless steel
Surface treatment: Satin or mirror

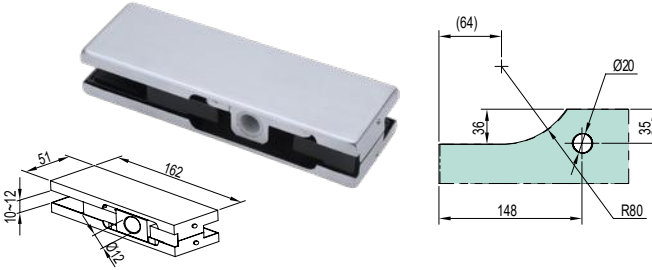


A:Bottom patch B:Upper patch
C: Top patch D:Corner patch
E:Top Pivot F:Upper pivot seat
G:Handle H:Glass door lock

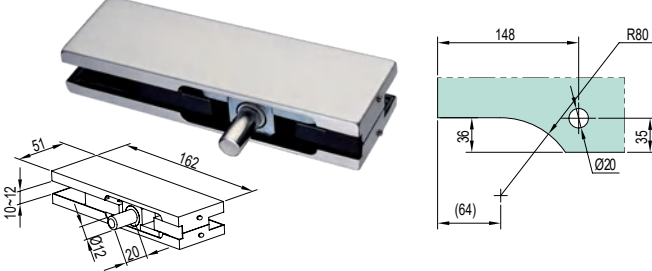
KMJ11310 Bottom patch



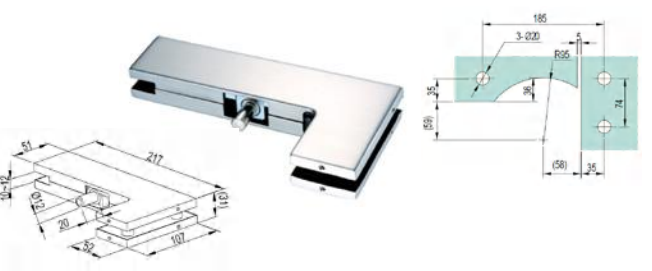
KMJ11320 Upper patch



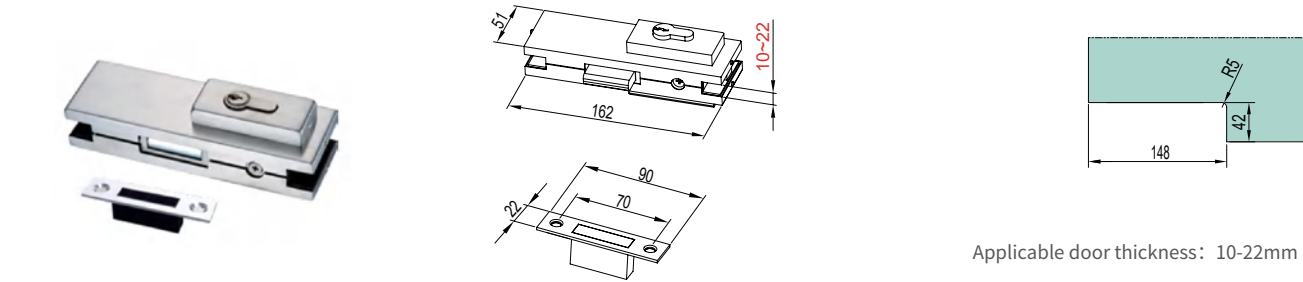
KMJ11330 Top patch



KMJ11340 Corner patch

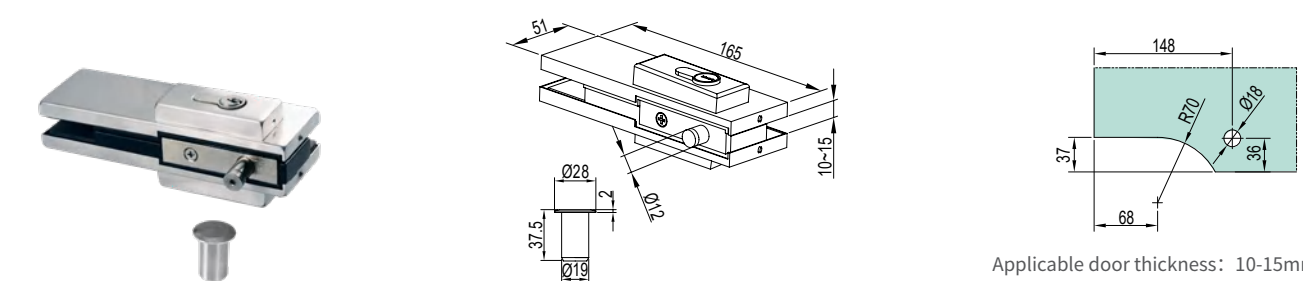


KMS11230 Glass Door Locks



Applicable door thickness: 10-22mm

KMS11250 Glass Door Locks

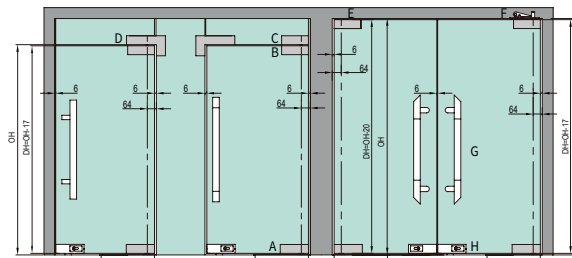


Applicable door thickness: 10-15mm

Floor Spring and Supporting Hardware - Patch Fittings and Glass Door Lock

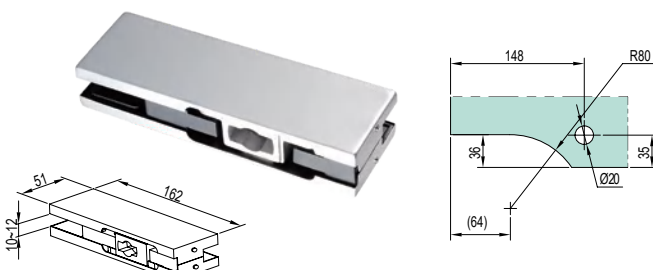
Door Clip Series 150kg

Maximum door weight 150Kg
Applicable door thickness 10-15mm
Applicable door width ≤1200mm
Applicable door height ≤2800mm
Main material: main body high-strength die-casting aluminum alloy
Decorative cover 304 stainless steel
Surface treatment: Satin or mirror

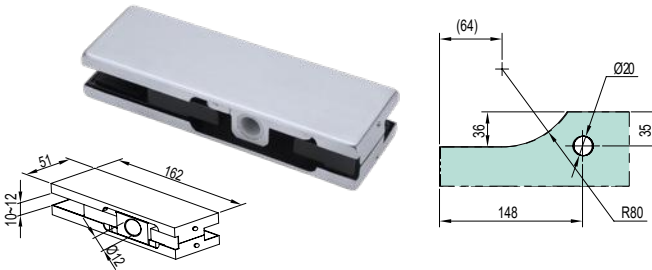


A:Bottom patch B:Upper patch
C: Top patch D:Corner patch
E:Top Pivot F:Upper pivot seat
G:Handle H:Glass door lock

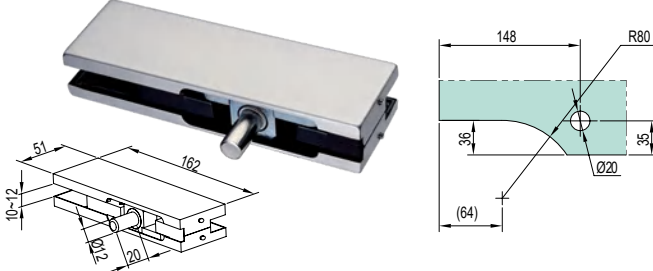
KMJ11510 Bottom patch



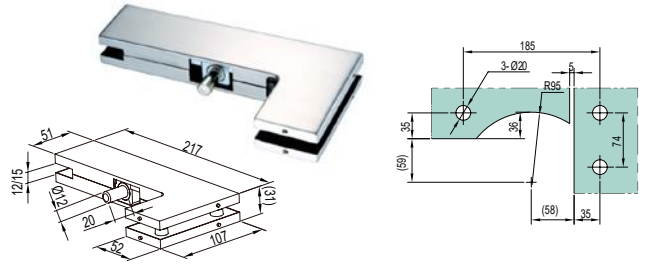
KMJ11520 Upper patch



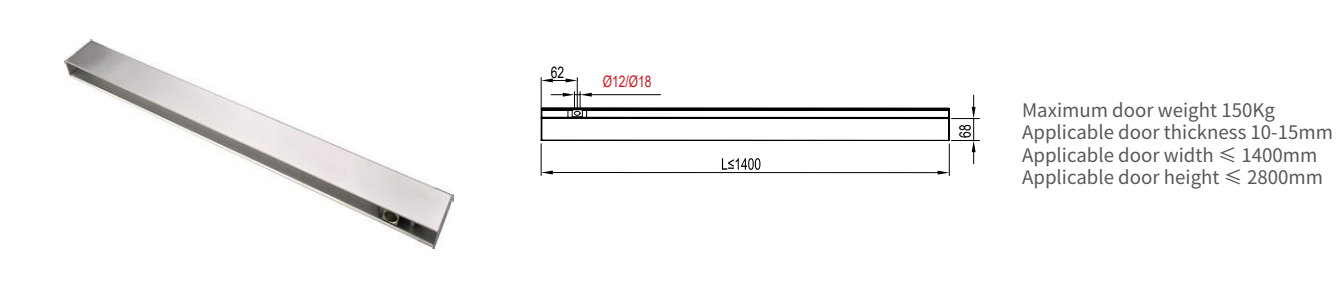
KMJ11530 Top patch



KMJ11540 Corner patch

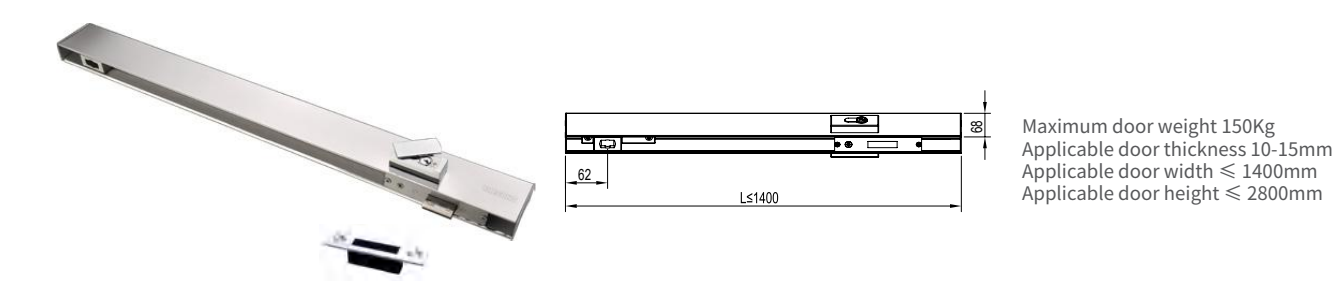


KMJ21520 Upper patch



Maximum door weight 150Kg
Applicable door thickness 10-15mm
Applicable door width ≤ 1400mm
Applicable door height ≤ 2800mm

KMJ21500 Bottom patch with lock



Maximum door weight 150Kg
Applicable door thickness 10-15mm
Applicable door width ≤ 1400mm
Applicable door height ≤ 2800mm



Large Pull Handle Series

Large Pull Handle Series



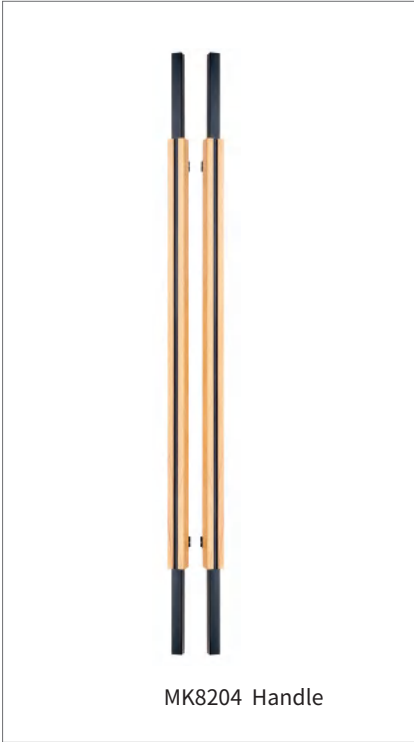
KLS877 Handle



KLS878 Handle



MK8301 Handle



MK8204 Handle



MK8206 Handle



KLS884 Handle








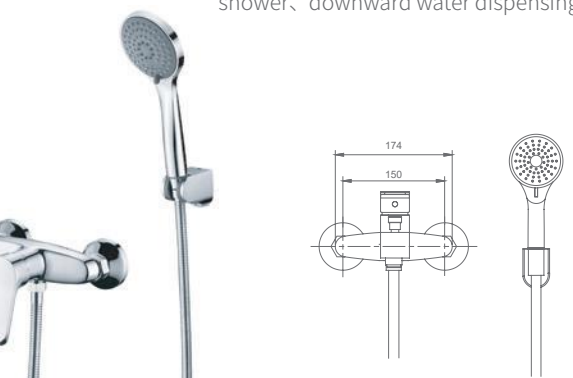



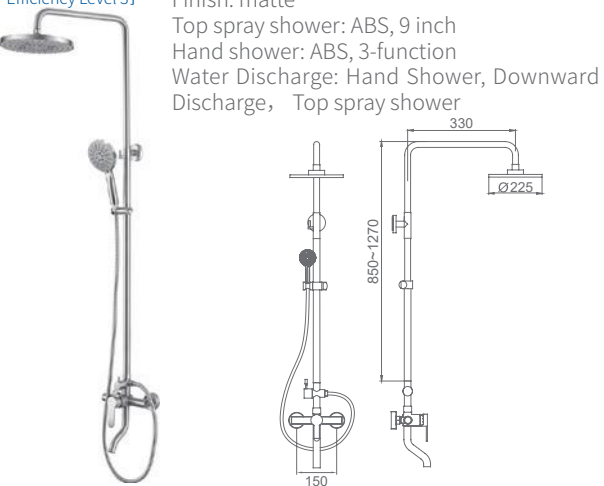


Bathroom hardware brochure

Bathroom Hardware Series

Bathroom Hardware Series - Faucet & Fittings

<p>WSZ45984 Sensor faucet</p> <p>Main material: Brass Surface treatment: Chromium plating</p> 	<p>WSZ45983 Sensor faucet</p> <p>Main body material: Zinc alloy overmolded Surface treatment: Chrome-plated</p> 	<p>WSZ45982 Induction faucet</p> <p>Main material: Brass Surface treatment: Chrome-plated</p> 
<p>WSZ15120 In-wall basin mixer</p> <p>Main material: Brass Surface treatment: Chromium plating</p> 	<p>WSZ19480 Basin faucet</p> <p>Main material: Brass Surface treatment: Chrome, gunmetal gray, matte black</p> 	<p>WSZ8103B Washing machine faucet</p> <p>Main body material: 304 stainless steel Surface treatment: Matte</p> 
<p>WSZ71130 Angle valve</p> <p>Main body material: brass Surface treatment: Chrome-plated</p> 	<p>WSZ7105B Angle valve</p> <p>Main body material: 304 Surface treatment: Satin</p> 	<p>WSZ71090 Angle valve</p> <p>Main body material: 304 Surface treatment: Satin</p> 
<p>WSZ96030 Pop-up drain</p> <p>Main material: Brass Surface treatment: Chromium plating</p> 	<p>WSZ95030 Pop-up drain</p> <p>Main Material: Plastic Color: Gray</p> 	<p>WSZ95010 Pop-up drain</p> <p>Main material: Brass Surface treatment: Chromium plating</p> 

Bathroom Hardware Series-Shower Faucet

<p>WSZ34180 Single function shower faucet</p> <p> [Water Efficiency Level 3]</p> <p>Main body material: 304 Surface treatment: matte Hand shower: ABS, three functions Water dispensing mode: hand shower</p> 	<p>WSZ3924B Single function shower faucet</p> <p> [Water Efficiency Level 3]</p> <p>Main body material: brass Surface treatment: chrome-plated Hand shower: ABS, three functions Water dispensing mode: hand shower</p> 
<p>WSZ3925A Two-function shower faucet</p> <p> [Water Efficiency Level 3]</p> <p>Main body material: brass Surface treatment: chrome-plated Hand shower: ABS, three functions Water dispensing mode: hand shower, downward water dispensing</p> 	<p>WSZ3925B Two-function shower faucet</p> <p> Downward water dispensing</p> <p>Main body material: brass Surface treatment: chrome-plated Hand shower: ABS, three functions Water dispensing mode: hand shower, downward water dispensing</p> 
<p>WSZ3418A Triple function shower faucet</p> <p> [Water Efficiency Level 3]</p> <p>Body Material: 304 stainless steel Finish: matte Top spray shower: ABS, 9 inch Hand shower: ABS, 3-function Water Discharge: Hand Shower, Downward Discharge, Top spray shower</p> 	<p>WSZ36044 Triple function shelf shower faucet</p> <p> [Water Efficiency Level 3]</p> <p>Body Material: Brass Finish: chrome/ gunmetal gray/ matte black Top spray shower: ABS, 9 inch Hand shower: ABS, 3-function Water Discharge: Hand Shower, Downward Discharge, Top spray shower</p> 

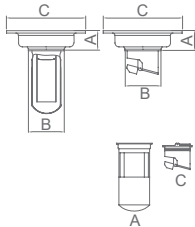

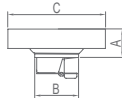

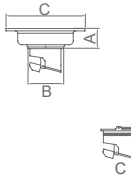

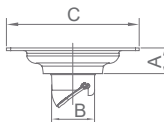

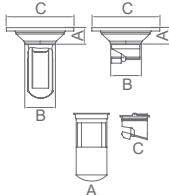

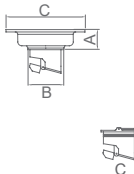

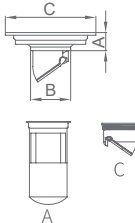

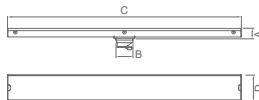

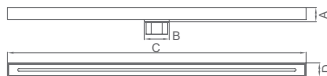

Bathroom Hardware Series-Bathroom Hardware

<p>WWG1904A Bath towel holder</p> <p>Main body material: 304 Surface treatment: Specularity</p> 	<p>WWG1901A Towel rack</p> <p>Main body material: zinc alloy + 304 Surface treatment: Mirror light</p> 	<p>WWG10160 Bath towel holder</p> <p>Main body material: Aluminum Surface treatment: Persian grey</p> 
<p>WWG52043 Bath towel holder</p> <p>Main body material: Aluminum Surface treatment: Gunmetal gray</p> 	<p>WWG5201A Towel rack</p> <p>Main body material: Aluminum Surface treatment: Gunmetal gray</p> 	<p>WZH10280 Bath towel holder</p> <p>Main body material: Aluminum Surface treatment: Gunmetal gray</p> 
<p>WWG70650 Electric towel rack</p> <p>Main body material: 304 Surface treatment: Matte black/White dry heat generation</p> 	<p>WWG70630 Electric towel rack</p> <p>Main body material: Aluminum alloy Surface treatment: Matte black/White dry heat generation</p> 	<p>WZH10150 Bath towel holder</p> <p>Main body material: 304 Surface treatment: Persian gray</p> 
<p>WWG4804A Bath towel holder</p> <p>Main body material: Aluminum Surface treatment: Matte black</p> 	<p>WWG4801A Towel rack</p> <p>Main body material: Aluminum Surface treatment: Matte black</p> 	<p>WWG56210 Bath towel holder</p> <p>Main body material: Aluminum Surface treatment: Matte black</p> 

Bathroom Hardware Series-Bathroom Pendant

WGL14010 Hanging basket Main body material: ABS Surface treatment: White 	WGL10070 Hanging basket Main body material: Aluminum alloy Surface treatment: Persian gray 	WGL20040 Hanging basket Main body material: 304 Surface treatment: Specularity 
WWG5009A Clothes hook Main body material: 304 Surface treatment: Specularity 	WWG3509A Clothes hook Main body material: 304 Surface treatment: Specularity 	WWG40090 Clothes hook Main body material: 304 Surface treatment: Specularity 
WYG51750 Gravity hook Main body material: 304 Surface treatment: Specularity 	WWG40100 Clothes hook Main body material: 304 Surface treatment: Specularity 	WGL12010 Hanging basket Main body material: 304+ABS Surface treatment: Specularity 
WGL21011 Hanging basket Main body material: 304 Surface treatment: Curry 	WGL13010 Hanging basket Main body material: 304 Surface treatment: Specularity\Matte black 	WGL30010 Hanging basket Main body material: 304 Surface treatment: Specularity 

Bathroom Hardware Series-Floor Drain

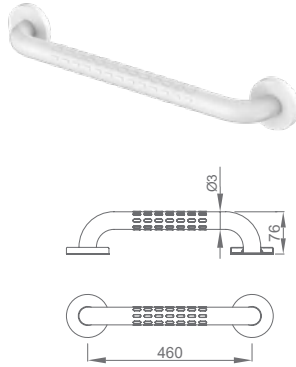
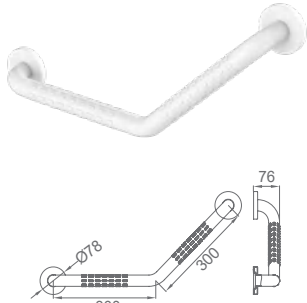
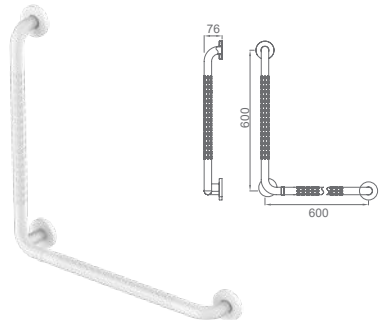
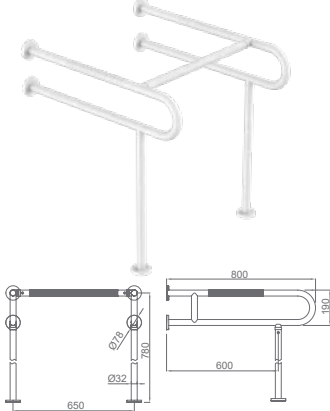
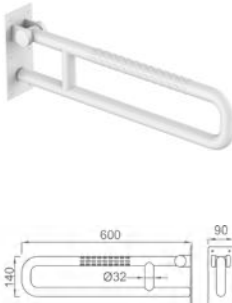
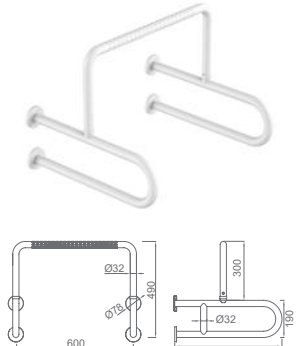

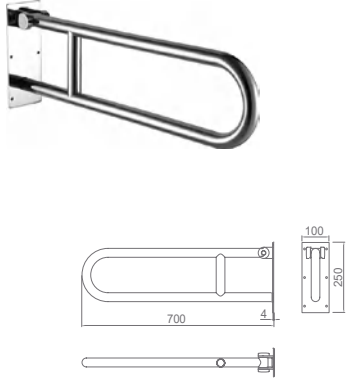

<div>WDL2011A/C Floor drain</div> <div><div>Main body material: ABS Wall thickness: 2mm Surface treatment: matte</div><div></div><div>A:Stainless steel deep water sealing structure C:Plastic flip-up structure</div><div><table><tr><th>Model</th><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th></tr><tr><td>WDL2011A</td><td>Ø50</td><td>25</td><td>Ø45</td><td>□100</td></tr><tr><td>WDL2011C</td><td>Ø50</td><td>25</td><td>Ø45</td><td>□100</td></tr></table></div></div>	Model	Pipe diameter	A(mm)	B(mm)	C(mm)	WDL2011A	Ø50	25	Ø45	□100	WDL2011C	Ø50	25	Ø45	□100	<div>WDL40090 Floor drain</div> <div><div>Main body material: 304 Wall thickness: 3mm Surface treatment: matte</div><div></div><div>C:Plastic flip-up structure</div><div><table><tr><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th></tr><tr><td>Ø50</td><td>29.5</td><td>Ø45</td><td>□100</td></tr></table></div></div>	Pipe diameter	A(mm)	B(mm)	C(mm)	Ø50	29.5	Ø45	□100	<div>WDL2011C-75 Floor drain(High flow)</div> <div><div>Main body material: 304 Wall thickness: 2mm Surface treatment: matte</div><div></div><div>C:Plastic flip-up structure</div><div><table><tr><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th></tr><tr><td>Ø75</td><td>24</td><td>Ø63</td><td>□100</td></tr></table></div></div>	Pipe diameter	A(mm)	B(mm)	C(mm)	Ø75	24	Ø63	□100				
Model	Pipe diameter	A(mm)	B(mm)	C(mm)																																	
WDL2011A	Ø50	25	Ø45	□100																																	
WDL2011C	Ø50	25	Ø45	□100																																	
Pipe diameter	A(mm)	B(mm)	C(mm)																																		
Ø50	29.5	Ø45	□100																																		
Pipe diameter	A(mm)	B(mm)	C(mm)																																		
Ø75	24	Ø63	□100																																		
<div>WDL2017C Floor drain (ultra-thin)</div> <div><div>Main body material: 304 Wall thickness: 2mm Surface treatment: matte</div><div></div><div>C:Plastic flip-up structure</div><div><table><tr><th>Model</th><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th></tr><tr><td>WDL2017C</td><td>Ø40</td><td>19</td><td>Ø32</td><td>□100</td></tr></table></div></div>	Model	Pipe diameter	A(mm)	B(mm)	C(mm)	WDL2017C	Ø40	19	Ø32	□100	<div>WDL101X A/C Floor drain(washing machine)</div> <div><div>Main body material: 304 Wall thickness: 1mm Surface treatment: matte</div><div></div><div>A:Stainless steel deep water sealing structure C:Plastic flip-up structure</div><div><table><tr><th>Model</th><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th></tr><tr><td>WDL101XA</td><td>Ø50</td><td>28</td><td>Ø45</td><td>□100</td></tr><tr><td>WDL101XC</td><td>Ø50</td><td>28</td><td>Ø45</td><td>□100</td></tr></table></div></div>	Model	Pipe diameter	A(mm)	B(mm)	C(mm)	WDL101XA	Ø50	28	Ø45	□100	WDL101XC	Ø50	28	Ø45	□100	<div>WDL2012C-75 Floor drain (High flow)</div> <div><div>Main body material: 304 Wall thickness: 2mm Surface treatment: matte</div><div></div><div>C:Plastic flip-up structure</div><div><table><tr><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th></tr><tr><td>Ø75</td><td>24</td><td>Ø63</td><td>□100</td></tr></table></div></div>	Pipe diameter	A(mm)	B(mm)	C(mm)	Ø75	24	Ø63	□100		
Model	Pipe diameter	A(mm)	B(mm)	C(mm)																																	
WDL2017C	Ø40	19	Ø32	□100																																	
Model	Pipe diameter	A(mm)	B(mm)	C(mm)																																	
WDL101XA	Ø50	28	Ø45	□100																																	
WDL101XC	Ø50	28	Ø45	□100																																	
Pipe diameter	A(mm)	B(mm)	C(mm)																																		
Ø75	24	Ø63	□100																																		
<div>WDL3931A/C Floor drain</div> <div><div>Main material: Copper Wall thickness: 3mm Surface treatment: Chrome-plated</div><div></div><div>A:Stainless steel deep water sealing structure C:Plastic flip-up structure</div><div><table><tr><th>Model</th><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th></tr><tr><td>WDL3931A</td><td>Ø50</td><td>20</td><td>Ø44</td><td>□100</td></tr><tr><td>WDL3931C</td><td>Ø50</td><td>20</td><td>Ø44</td><td>□100</td></tr></table></div></div>	Model	Pipe diameter	A(mm)	B(mm)	C(mm)	WDL3931A	Ø50	20	Ø44	□100	WDL3931C	Ø50	20	Ø44	□100	<div>WDL60110 Long drain</div> <div><div>Main body material: 304 Wall thickness: 1mm Surface treatment: Matte</div><div></div><div><table><tr><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th><th>D (mm)</th></tr><tr><td>Ø50</td><td>62</td><td>Ø45</td><td>600</td><td>100</td></tr></table></div></div>	Pipe diameter	A(mm)	B(mm)	C(mm)	D (mm)	Ø50	62	Ø45	600	100	<div>WDL60270 Long drain</div> <div><div>Main body material: 304 Wall thickness: 2mm Surface treatment: Matte</div><div></div><div><table><tr><th>Pipe diameter</th><th>A(mm)</th><th>B(mm)</th><th>C(mm)</th><th>D (mm)</th></tr><tr><td>Ø50</td><td>25</td><td>43.8</td><td>600</td><td>30</td></tr></table></div></div>	Pipe diameter	A(mm)	B(mm)	C(mm)	D (mm)	Ø50	25	43.8	600	30
Model	Pipe diameter	A(mm)	B(mm)	C(mm)																																	
WDL3931A	Ø50	20	Ø44	□100																																	
WDL3931C	Ø50	20	Ø44	□100																																	
Pipe diameter	A(mm)	B(mm)	C(mm)	D (mm)																																	
Ø50	62	Ø45	600	100																																	
Pipe diameter	A(mm)	B(mm)	C(mm)	D (mm)																																	
Ø50	25	43.8	600	30																																	

Bathroom Hardware Series-Auxiliary Hardware

<p>WZH30070 Paper towel box</p> <p>Main body material: ABS Surface treatment: White</p> 	<p>WZH30060 Paper towel box</p> <p>Main body material: ABS Surface treatment: White</p> 	<p>WZH1006A Paper towel box</p> <p>Main body material: 304 Surface treatment: Satin</p> 
<p>WDQ20020 Hand dryer</p> <p>Main body material: ABS Surface treatment: White</p> 	<p>WDQ20010 Hand dryer</p> <p>Main body material: ABS Surface treatment: White</p> 	<p>WDQ20050 Hand dryer</p> <p>Main body material: ABS Surface treatment: White</p> 
<p>WZH1007A Tissue box</p> <p>Main body material: 304 Surface treatment: Satin</p> 	<p>WFJ51020 Perfume dispenser</p> <p>Main body material: ABS Surface treatment: White</p> 	<p>WFJ51010 Perfume dispenser</p> <p>Main body material: ABS Surface treatment: White</p> 
<p>WZH2004A Integrated trash bin & toilet paper dispenser</p> <p>Main body material: 304 Surface treatment: Satin</p> 	<p>WZH2008A Integrated trash bin & toilet paper dispenser</p> <p>Main body material: 304 Surface treatment: Satin</p> 	<p>WFJ41030 Sensor Soap Dispenser</p> <p>Main body material: ABS Surface treatment: White</p> 



Public Fittings Series

WFS11040 Safety handrails Body Material : Nylon + Aluminum Alloy Finish : White/Yellow + Mirror Light Features: Antibacterial/anti-slip 	WFS11050 Safety handrails Body Material : Nylon + Aluminum Alloy Finish : White/Yellow + Mirror Light Features: Antibacterial/anti-slip 	WFS11080 Safety handrails Body Material : Nylon + Aluminum Alloy Finish : White/Yellow + Mirror Light Features: Antibacterial/anti-slip 
WFS13040 Safety handrails Body Material : 304 Finish : White antimicrobial resin coating Features: Antibacterial/anti-slip 	WFS12020 Safety handrails Body Material : 304 Finish : White antimicrobial resin coating Features: Antibacterial/anti-slip 	WFS13050 Safety handrails Body Material : 304 Finish : White antimicrobial resin coating Features: Antibacterial/anti-slip 
WFS13020 Safety handrails Body Material : 304 Finish : Mirror/Matte 	WFS12010 Safety handrails Body Material : 304 Finish : Mirror/Matte 	WFS31020 Safety handrails Body Material : 304 Finish : Mirror/Matte 

Public Fittings Series

WFS41010 Safety handrails Main material: Nylon + Aluminum Alloy Surface treatment: White/Yellow+Mirror Features: Anti slip function 	WFS42110 Safety handrails Main material: Nylon + Aluminum Alloy Surface treatment: White/Yellow+Mirror Features: Anti slip function 	WFS42090 Safety handrails Main material: Nylon + Aluminum Alloy Surface treatment: White/Yellow+Mirror Features: Anti slip function 
WYD10040 Bathroom stool Main material: Nylon+Stainless steel Surface treatment: White/Yellow 	WFG41010 Infant changing station Main material: HDPE Surface treatment: Grey 	WFG41020 Infant changing station Main material: HDPE Surface treatment: Grey 
WFS2203 Handrail on the stairs Main material: Aluminum alloy + PVC Surface treatment: White + Blue 	WFS22010 Channel Handrail Main material: Aluminum alloy + PVC Surface treatment: White + Blue 	WFS22020 Channel Handrail Main material: Aluminum alloy + PVC Surface treatment: White + Blue 

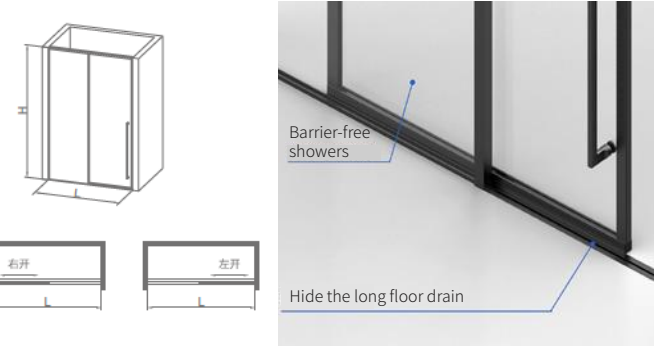


Shower room series



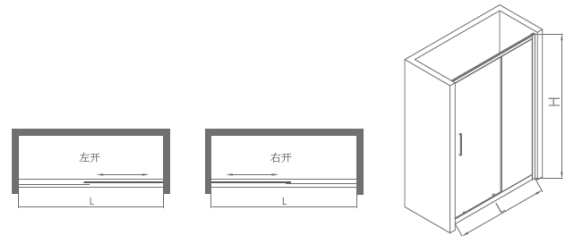
GDS00121 Barrier-free showers

Regular specification: 1200x2000mm
 Customized range: L:1200-1600, H:1850-2400mm
 Material: Aluminum alloy
 Surface Finish: Matte Black/ Gunmetal Gray/ Brushed Gold
 Glass Thickness: 8/10mm
 Functional features:
 1. All aluminum alloy structure, barrier-free design, good passability.
 2. With hidden floor drain: WDL60270.
 3. Side hanging wheel design, smooth and steady pulley movement, low noise.
 4. Buffer damping: buffer damping can be installed to buffer the closing door and prevent the hand from being pinched.
 5. Accept non-standard customization of size, the room body is a zigzag, L-shaped, fan-shaped.
 6. Glass: automotive grade tempered glass and through the national 3C safety certification. Room body through the national industry standard QB2584 -2007 standard testing



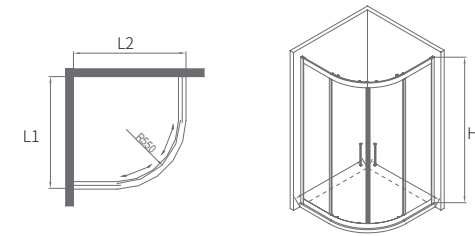
LTS00521 Shower room

Regular specification: 1400x2000mm
 Customized range: L:1200-1600, H:1850-2200mm
 Material: Aluminum alloy
 Glass Thickness: 8/10mm
 Optional stone base: 50x60mm
 Surface Finish: bright silver / matte silver / matte black
 Functional features:
 1. All 304 stainless steel structure, rail height 47MM, sturdy and stable, easy installation.
 2. Side hanging wheel design, smooth and stable pulley movement, low noise.
 3. Accept the size of non-standard customization, room body for a zigzag, L-shaped, fan-shaped.
 4. Buffer damping: buffer damping can be installed to buffer the closing door and prevent the hand from being pinched.
 5. Accept non-standard customization of size, the room body is a zigzag, L-shaped, fan-shaped.
 6. Glass: automotive grade tempered glass and through the national 3C safety certification. Room body through the national industry standard QB2584 -2007 standard testing



LTC00542 Shower room

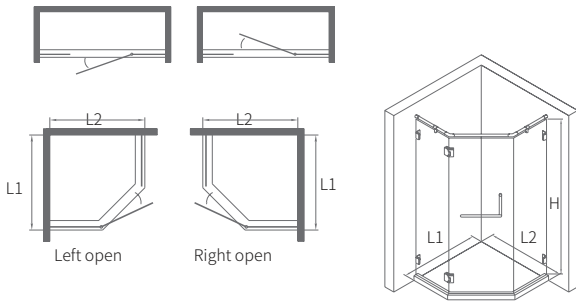
Regular specification: 900x900x2000mm
 Customized range: L1:800-1200, L2:800-1200, H:1850-2200mm
 Product material: aluminum alloy
 Glass thickness: 6/8mm
 Optional stone base: 50x60mm
 Surface treatment: bright silver / matte silver / matte black
 Functional features:
 1. All 304 stainless steel structure, rail height 47MM, sturdy and stable, easy installation;
 2. Side hanging wheel design, smooth and stable pulley movement, low noise;
 3. Accept the size of non-standard customization, room body for zigzag, L-shaped, fan-shaped;
 4. Glass: automotive-grade tempered glass and through the national 3C safety certification, room body through the national industry standard QB2584 -2007 standard testing.



LHP90131 Shower room

Regular specification: 900x900x2000mm
 Customized range: L1:800-1200, L2:800-1200, H:1850-2200mm
 Material: 304 stainless steel
 Surface treatment: mirror / matte black
 Glass thickness: 8/10/12mm
 Optional stone base: 50x60mm
 Functional features:
 1. Universal corner joint, the angle is released;
 2. Hinge: flexible and lightweight rotation, quiet and low noise, strong bearing capacity;
 3. Glass: automotive grade tempered glass and through the national 3C safety certification, the room through the National industry standard QB2584 -2007 standard testing

This series can be made to open outside or inside door





Scan for more information

**Create Values for the Customers
Sincerely and Whole-heartedly**

Unique value is created by professionalism, but no future
shall be created by speculation.