

>>>

>>>Mortise Lock

>>>

Hardwood Door Control Tech (Ningbo) Co., Ltd.



Entrance lock with deadbolt

Function(ANSI/BHMA A156.13-2017):F20

Latchbolt is retracted by knob/lever from either side unless outside is locked by key outside or 20° rotation of thumbturn. Deadbolt is thrown or retracted by 90° rotation of thumbturn. When locked, key outside or knob/lever inside retracts deadbolt and latchbolt simultaneously. Outside knob/lever remains locked until thumbturn is returned to vertical position. Throwing deadbolt automatically locks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is locked. Vandgard function allows exterior lever to rotate freely down while remaining securely locked.



DL20 Entrance lock with deadbolt

Key Features

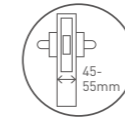
- BHMA Certified Grade 1 Mortise lock
- ANSI/UL 10C Standard
- Solid SS304 Levers
- Various Levers Styles Available



Three Keys



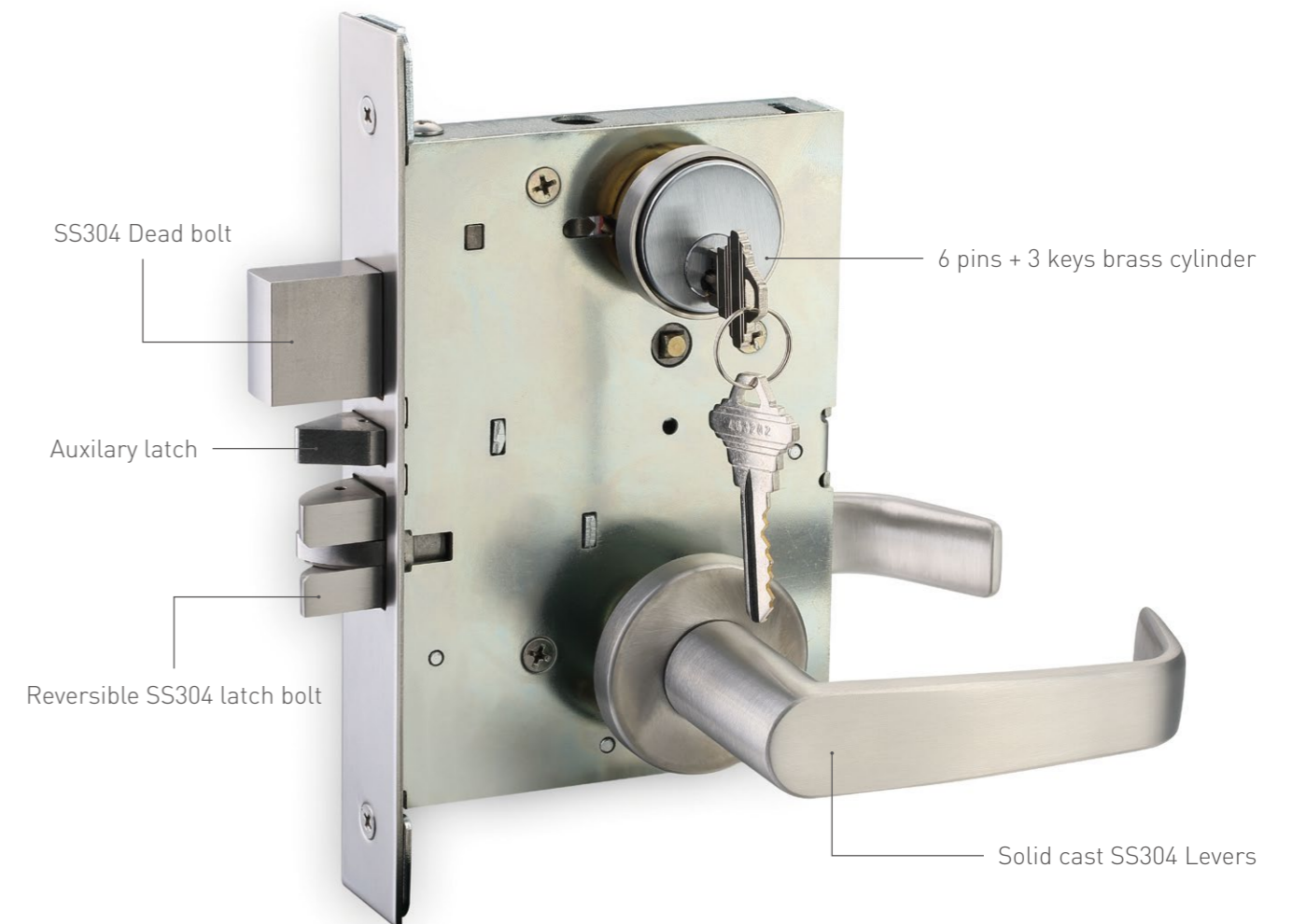
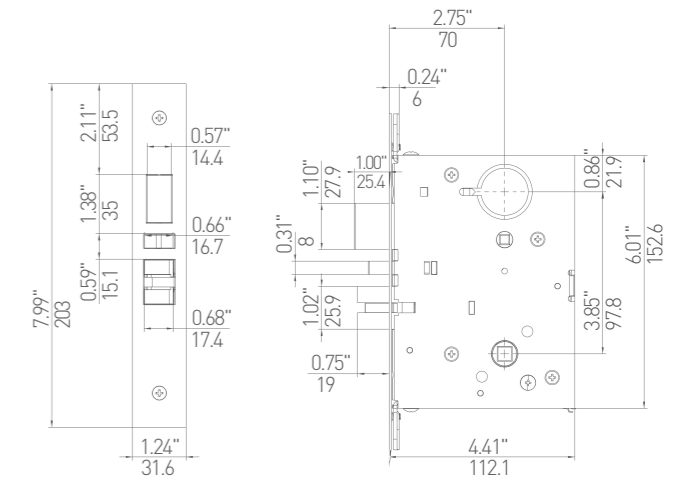
Simple Installation



Thickness Of Door



Withstand Bad Weather



Certificates



Finishes Available



US32D

















US19



US4

Part NO.	DL20
Usable Range	Wooden Door, Metal Door
Door Thickness	45-55mm
Lockcase Center Distance	98mm
Backset	70mm
Handle	LE01, LE02, LE03, LE04

P/N							
	<table border="1"> <tr> <td>DL01</td> <td>Passage latch</td> </tr> <tr> <td colspan="2">Function(ANSI/BHMA A156.13-2017):F01</td> </tr> <tr> <td colspan="2">Latchbolt is always retracted by knob/lever from either side.</td> </tr> </table>	DL01	Passage latch	Function(ANSI/BHMA A156.13-2017):F01		Latchbolt is always retracted by knob/lever from either side.	
DL01	Passage latch						
Function(ANSI/BHMA A156.13-2017):F01							
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DL05	Classroom lock						
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DL07	Storeroom lock						
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	<table border="1"> <tr> <td>DL13</td> <td>Corridor lock with deadbolt</td> </tr> <tr> <td colspan="2">Function(ANSI/BHMA A156.13-2017):F13</td> </tr> <tr> <td colspan="2">Latchbolt is retracted by knob/lever from either side. Deadbolt is operated by key outside or inside thumbturn. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever. Inside knob/lever is always free for immediate egress.</td> </tr> </table>	DL13	Corridor lock with deadbolt	Function(ANSI/BHMA A156.13-2017):F13		Latchbolt is retracted by knob/lever from either side. Deadbolt is operated by key outside or inside thumbturn. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever. Inside knob/lever is always free for immediate egress.	
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P/N							
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DL20	Entrance lock with deadbolt						
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	<table border="1"> <tr> <td>DL21</td> <td>Dormitory/bedroom lock</td> </tr> <tr> <td colspan="2">Function(ANSI/BHMA A156.13-2017):F21</td> </tr> <tr> <td colspan="2">Latchbolt is operated by knob/lever from either side. Deadbolt is operated by key outside or thumbturn inside.</td> </tr> </table>	DL21	Dormitory/bedroom lock	Function(ANSI/BHMA A156.13-2017):F21		Latchbolt is operated by knob/lever from either side. Deadbolt is operated by key outside or thumbturn inside.	
DL21	Dormitory/bedroom lock						
Function(ANSI/BHMA A156.13-2017):F21							
Latchbolt is operated by knob/lever from either side. Deadbolt is operated by key outside or thumbturn inside.							
	<table border="1"> <tr> <td>DL22</td> <td>Bath/bedroom privacy lock</td> </tr> <tr> <td colspan="2">Function(ANSI/BHMA A156.13-2017):F22</td> </tr> <tr> <td colspan="2">Latchbolt is retracted by knob/lever from either side unless outside is locked by inside thumbturn. Turning inside knob/lever or closing door unlocks outside knob/lever. To unlock from outside, remove emergency button, insert emergency turn in access hole and rotate.</td> </tr> </table>	DL22	Bath/bedroom privacy lock	Function(ANSI/BHMA A156.13-2017):F22		Latchbolt is retracted by knob/lever from either side unless outside is locked by inside thumbturn. Turning inside knob/lever or closing door unlocks outside knob/lever. To unlock from outside, remove emergency button, insert emergency turn in access hole and rotate.	
DL22	Bath/bedroom privacy lock						
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Certificates							
  							
Key Features							
<ul style="list-style-type: none"> • BHMA Certified Grade 1 Mortise lock • ANSI/UL 10C Standard • Solid SS304 Levers • Various Levers Styles Available 							
Finishes Available							
 US32D  US19  US4							
Product parameters							
Usable Range: Wooden Door, Metal Door Door Thickness: 45-55mm Lockcase Center Distance: 98mm Backset: 70mm Handle: LE01, LE02, LE03, LE04							

Apartment Corridor Door Lock

Function (ANSI/BHMA A156.13-2017) F20

Latch bolt operated by lever from either side, except when outside lever is made inoperative by a stop or mechanical means other than key. Dead bolt operated by key outside or turn inside. Key outside operates both bolts. Operating inside lever retracts both bolts and outside remains locked. Latch bolt is deadlocked when outside lever is made inoperative or when the dead bolt is projected. When dead bolt is retracted, lever is unlocked by stop or mechanical means other than key.



GL43 Apartment Corridor Door Lock

Key Features

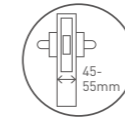
- BHMA Certified Grade 1 Mortise lock
- ANSI/UL 10C Standard
- Solid SS304 Levers
- Various Levers Styles Available



Three Keys



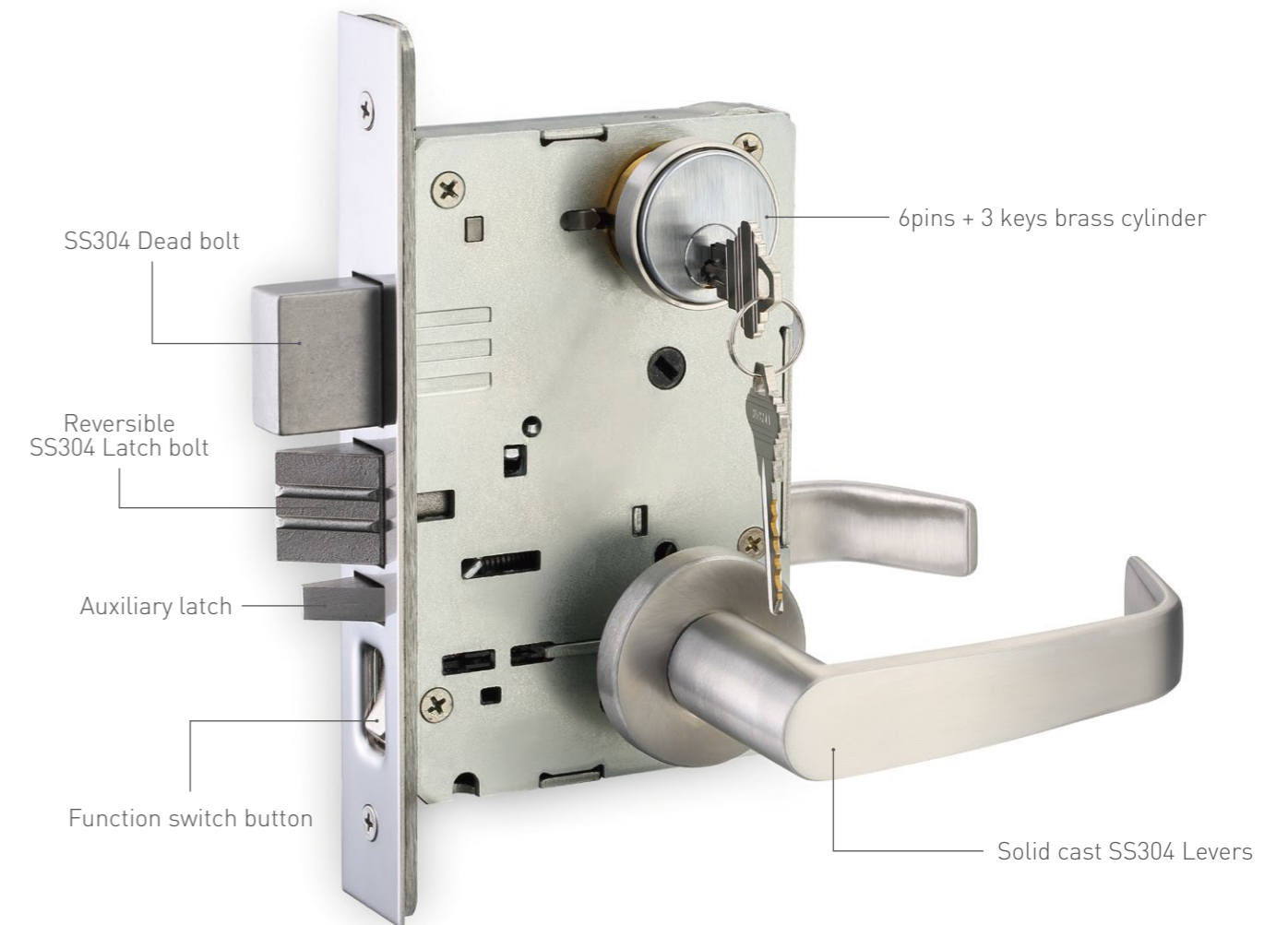
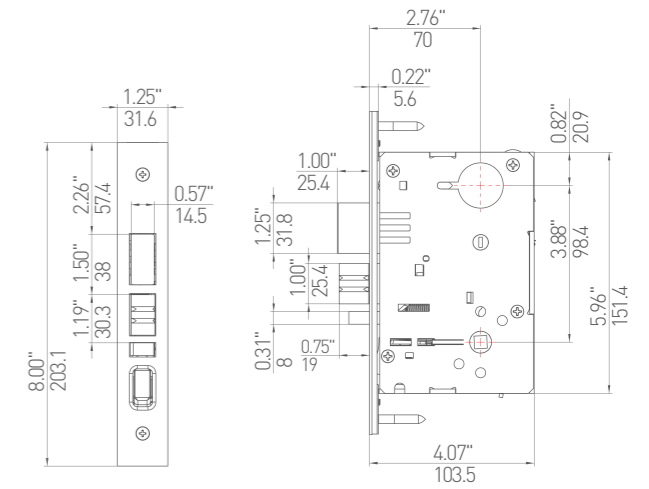
Simple Installation



Thickness Of Door



Withstand Bad Weather








Certificates














Finishes Available



Part NO.	GL43
Usable Range	Wooden Door, Metal Door
Door Thickness	45-55mm
Lockcase Center Distance	98mm
Backset	70mm
Handle	LE01, LE02, LE03, LE04

P/N		
	GL15	Passage or Closet Latch
	Function(ANSI/BHMA A156.13-2017):F01	
	Latch bolt operated by lever from either side at all times.	
	GL05	Entry Lock
	Function(ANSI/BHMA A156.13-2017):F04	
	Latch bolt operated by lever from either side except when outside lever is made inoperative by a stop or mechanical means other than key. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever. Auxiliary dead latch.	
	GL37	Classroom Lock
	Function(ANSI/BHMA A156.13-2017):F05	
	Latch bolt operated by lever from either side except when outside lever or knob is locked from outside by key. When outside lever is locked, latch bolt is retracted by key, or by operating key and outside lever from outside or by operating inside lever. Auxiliary dead latch.	
	GL04	Storeroom or Closet Lock
	Function(ANSI/BHMA A156.13-2017):F07	
	Latch bolt operated by key from outside or by operating inside lever. Outside lever is always inoperative. Auxiliary dead latch.	
	GL25	Dormitory or Exit Lock
	Function(ANSI/BHMA A156.13-2017):F13	
	Latch bolt operated by lever from either side. Dead bolt projected by key from outside and turn from inside. Operating inside lever retracts both bolts and unlocks outside.	

P/N		
	GL21	Dead Lock
	Function(ANSI/BHMA A156.13-2017):F17	
	Dead bolt operated by key from outside and by turn from inside.	
	GL20	Dead Lock
	Function(ANSI/BHMA A156.13-2017):F18	
	Dead bolt operated by key from outside only.	
	GL24	Room Door Lock
	Function(ANSI/BHMA A156.13-2017):F21	
	Latch bolt operated by lever from either side. Dead bolt operated by key from outside and turn from inside.	
	GL43	Apartment Corridor Door Lock
	Function(ANSI/BHMA A156.13-2017):F20	
	Latch bolt operated by lever from either side, except when outside lever is made inoperative by a stop or mechanical means other than key. Dead bolt operated by key outside or turn inside. Key outside operates both bolts. Operating inside lever retracts both bolts and outside remains locked. Latch bolt is deadlocked when outside lever is made inoperative or when the dead bolt is projected. When dead bolt is retracted, lever is unlocked by stop or mechanical means other than key.	
	GL65	Privacy, Bedroom or Bath Lock
	Function(ANSI/BHMA A156.13-2017):F22	
	Latch bolt operated by lever from either side except when outside lever is locked by inside turn or button. Operating inside lever, closing door or operating outside emergency release unlocks outside lever.	
Certificates		Finishes Available
  		 US32D  US19  US4
Key Features		Product parameters
<ul style="list-style-type: none"> • BHMA Certified Grade 1 Mortise lock • ANSI/UL 10C Standard • Solid SS304 Levers • Various Levers Styles Available 		Usable Range: Wooden Door, Metal Door Door Thickness: 45-55mm Lockcase Center Distance: 98mm Backset: 70mm Handle: LE01, LE02, LE03, LE04

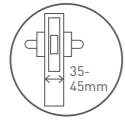
BL-001 Indicated Bathroom Lock

Key Features

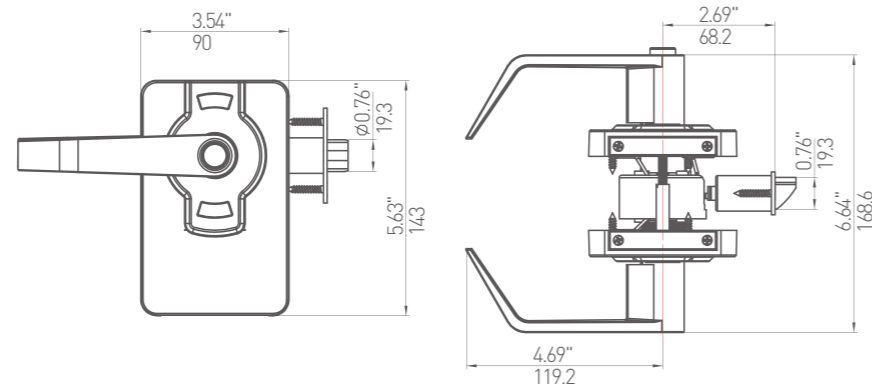
- BHMA Certified Grade 2
- ANSI/UL 10C Standard
- Zinc Alloy Levers
- Four Levers Styles Available



Simple Installation



Thickness Of Door



Certificates



Finishes Available



US32D

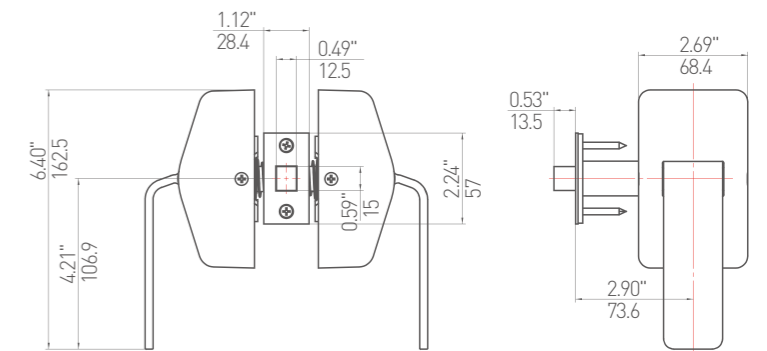


US26D

Part NO.	BL-001
Usable Range	Wooden Door, Metal Door
Door Thickness	35-45mm
Backset	70mm
Handle	Four Levers Style Available



PPL-001 Hospital Latch



Certificates



Finishes Available



US32D

Key Features

- BHMA Certified Grade 1
- ANSI/UL 10C Standard
- Solid SS304 Levers

Part NO.	PPL-001
Usable Range	Wooden Door, Metal Door
Door Thickness	45-55mm
Backset	70mm



HANDLE SELECTION

Our products are manufactured from high quality stainless steel 304. It ensures that the corrosion resistance of our products is maintained throughout the lifecycle. Without sacrificing aesthetics of the products we are continuing to improve easy to install feature.

Key Features

- Solid cast lever
- Material SS304
- Various Finishes available

Certificates



Finishes Available



US32D



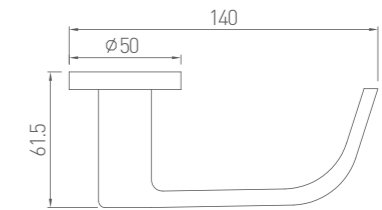
US19



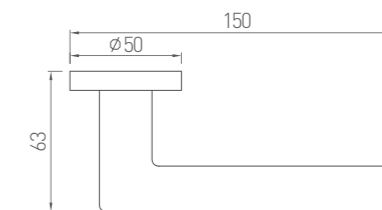
US4



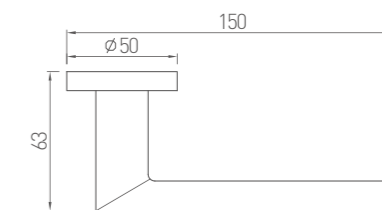
LE01 Lever Model



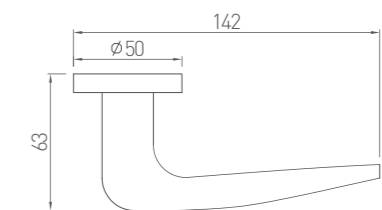
LE02 Lever Model



LE03 Lever Model



LE04 Lever Model



Indicator Mortise Lock

HARDWOOD's indicated mortise lock series is compliant with the ANSI/BHMA 156.13 Grade 1 standard. The indicator function provides a bold, visual indicator on both the inside and outside of the door to communicate the door status while providing ultimate privacy assurance.



FIC001/FID001 Indicated Mortise Lock

Key Features

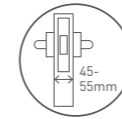
- BHMA Certified Grade 1 Mortise lock
- ANSI/UL 10C Standard
- Solid SS304 Levers
- Various Levers Styles Available



Three Keys



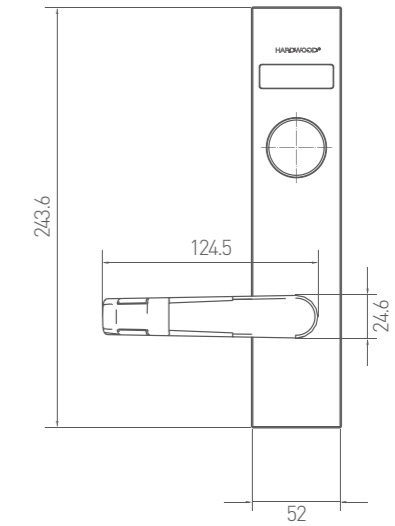
Simple Installation



Thickness Of Door



Withstand Bad Weather



FIC001



FID001

Certificates



Finishes Available



US32D



US19



US4

Part NO.	FIC001/FID001
Usable Range	Wooden Door, Metal Door
Door Thickness	45-55mm
Lockcase Center Distance	98mm
Backset	70mm

Smart Marine Fireproof Door Lockst

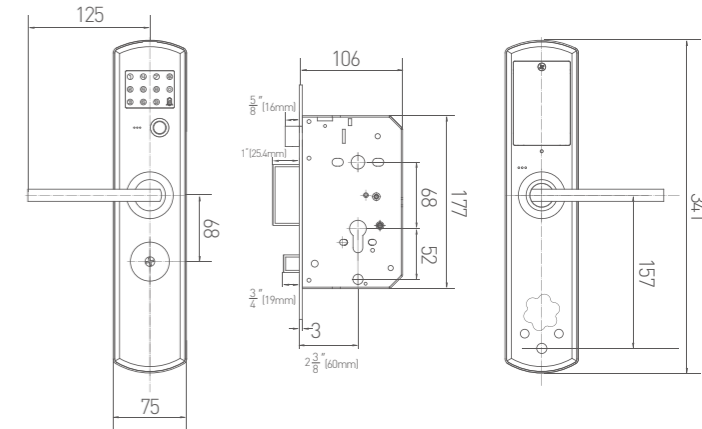
Introducing the Smart Marine Fireproof Door Locks, a cutting-edge security solution tailored exclusively for China Ocean Shipping (Group) Company. Engineered to meet American (ANSI), European (EN) and Chinese (GA/GB) standards, this lock represents the pinnacle of marine safety and access control technology. Always delivered as Mobile Access ready, this Smart Marine Fireproof Door Locks is compatible with wooden and metal doors.



FEC001 Smart Marine Fireproof Door Lockst

Key Features

- Solid stainless steel 316 levers and plates
- Tempered glass touch screen
- Powered by 4 AA batteries that provide up to 2 years normal life (depending on door traffic and online/mobile access functionality)
- USB interface for emergency
- Multiple opening options of fingerprint/password/card
- Optional high security mechanical override (key cylinder).
- Mobile Access (BLE/NFC) functionality included in reader.
- Comply with ANSI/EN/GA standards
- Applicable for metal or wood doors



Certificates



Finishes Available



Part NO.	FEC001
Backset	2-3/8" - 2-3/4"
Door thickness	1-3/4" - 5-7/8"
Supported RFID standards	ISO 14443 A, ISO 14443 B, ISO 15693
Mobile Access support	Reader with built-in BLE/NFC
Storage temperature	0-70 °C
Tested operating temperature	Tested from -30 °C to 60 °C, 20%-95% humidity (non-condensing)

COMPANY PROFILE

Your most trusted partner



30 years
Experience



Hardwood is an innovative and professional company engaged in research, development, design and manufacturing of Locksets, fittings, sliding door system and numerous architectural hardware. The founder and core members have over 30 years' experience in door control industry. Our vision is to be the expert on functional and decorative security products and accessories. We believe true value can only be created by continuous dedication. Hardwood aims always to be your most reliable partner in supplying locksets and architectural hardware.

DESIGN & DEVELOPMENT

Continuous innovation and continuous development

Hardwood management team recognizes and deeply understand innovation and continuous improvement are key driven force for the company. We keep investing in R&D activities and have clearly defined growing annual budget for it. Engineers are using modern software, such as Solidworks and Creo to design internal structure and esthetic appearance.

We keep following new trends, products and techniques in the door control industry. Every quarter Hardwood has regular seminar on new products / trends and each year we set a plan to launch numerous new products.



PRODUCTION & INSPECTION EQUIPMENT

Quality production, strict quality control



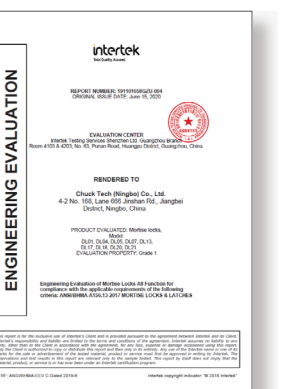
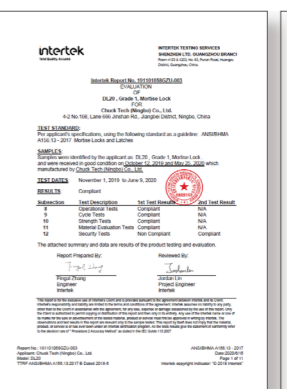
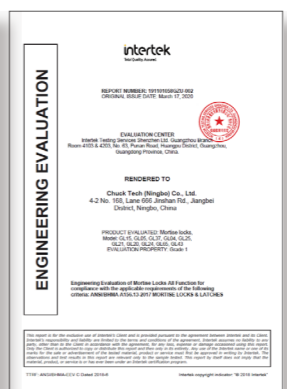
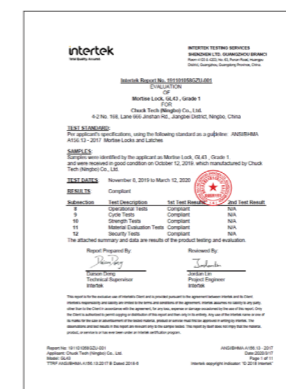
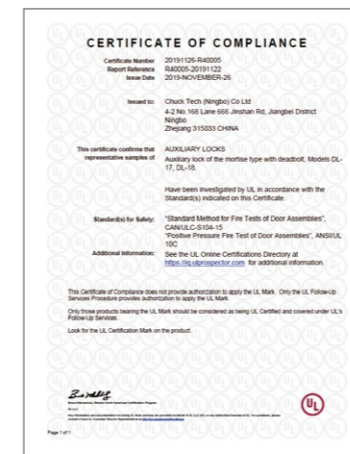
Not only we invest heavily in R&D activities but Hardwood also deeply understand design should be perfectly matched with most advanced manufacturing techniques. We design critical parts toolings fully in house and we have invested such as AgieCharmilles machining centers. To control the quality of the manufacturing parts Hardwood also invests CMM and other projector measurement devices to inspect and verify critical tolerances. We understand the creativity sparked by R&D staff plus over years' experience in manufacturing will contribute to the novelty, quality and cost effectiveness of our product.

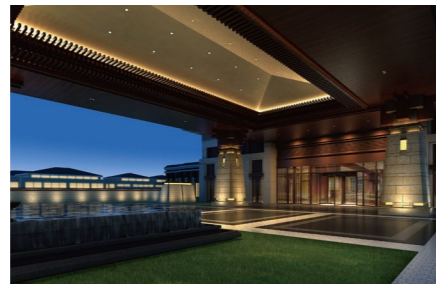


CERTIFICATE

Your most trusted partner

The factory manufacturing is under ISO 9001 quality management system. Numerous products have passed UL certification.





CASE PRESENTATION

Your most trusted partner

Our products are widely used in hospitals, schools, business centers, airports, government agencies, hotels, libraries, art galleries, bathrooms, dormitories, bedrooms, and so on

Ningbo Wisdom Garden

Hangzhou Bay New Zone

Zhejiang Cargo Warehouse

Zhejiang Women And Children Hospital

Zhejiang Medical University

Ningbo Zhenhai District Library

Zhejiang Btower Commercial Center

Zhejiang Liangzhu Art Museum

