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● *Contents*

PREMIUM TOUCH TO ENTRY forged brass handle locks



MES007 LF4



MES008 LF6



MES009 LF8



MES010 LF10



MES011 LF12



MES012 LF14



MES013 LF16



MB-A-AE LF18



MB-B-BE LF20



MB-C LF22



MB-D LF24



MB-E LF26

Foldable Gift Box:



Finishes:

- F13:** Bright Gold
- F13/18:** Bright & Sand Gold
- F16:** PVD Finish
- F16/17:** PVD & Sand PVD Finish
- F21:** Bright Chrome
- F21/26:** Bright & Sand Chrome

Numerous patents, copyrights, and trademarks are held by us to protect the integrity and reputation of our distinctive line of hardware appointments

• *MES007 with Levers*

Lever Set

Lever : Forged Brass

Escutcheon : Forged Brass

MES007 Escutcheon

MES007-MB306-F13/18

Escutcheon

Lever

Finish



Outside

Inside

Mortise Lock

Finishes : F13, F16 or F21

Mortise : CLQA

Backset : 70mm

Door thickness : 35-55mm

Latchbolt : Solid Brass, Reversible

Deadbolt : Solid Brass

Face & Strike Plate : Stainless Steel

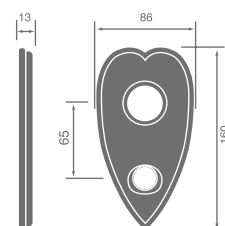
Hub : For 8mm Square Spindle

Function : Refer to Page LF28

Combination : Refer to Page LF31

(Passed 200,000 Cycle Test)

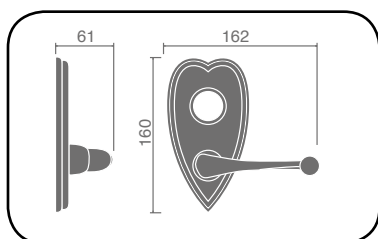
MES007



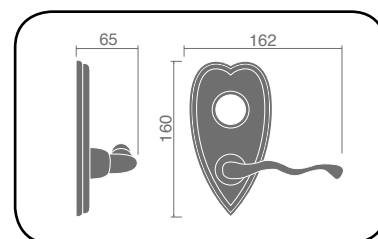
Combinations and finishes



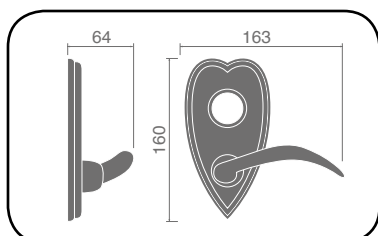
MES007-MB301-F13/18



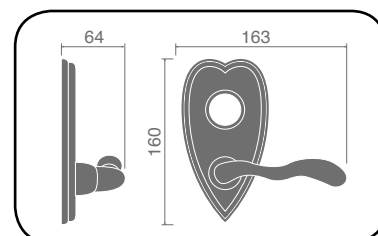
MES007-MB304-F13/18



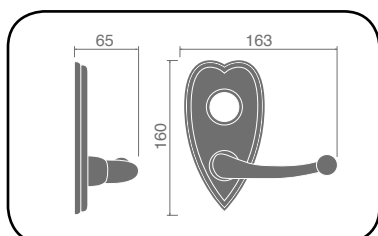
MES007-MB302-F21/26



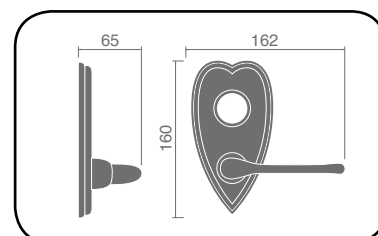
MES007-MB305-F21/26



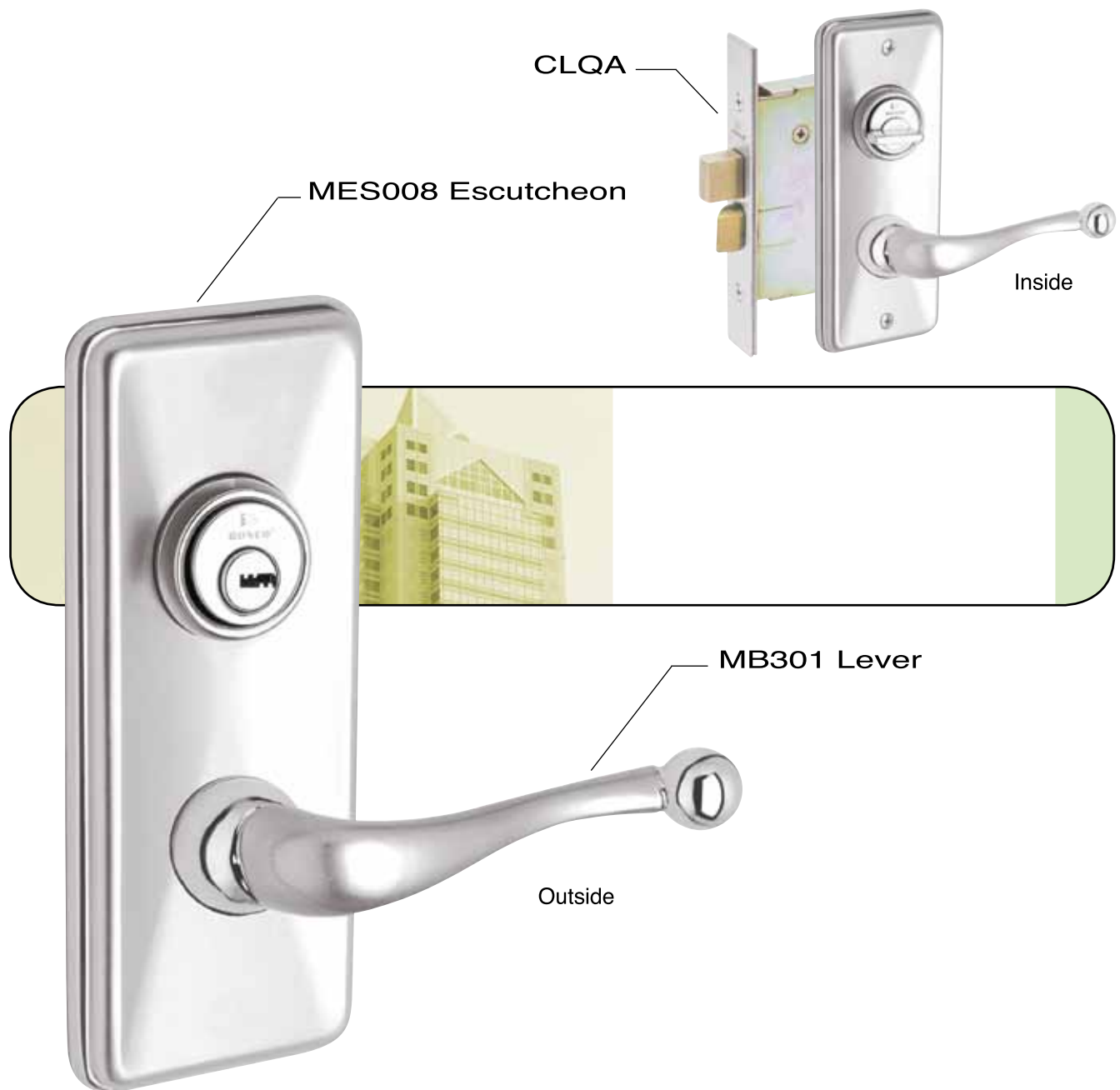
MES007-MB303-F16/17



MES007-MB306-F16/17



• *MES008 with Levers*

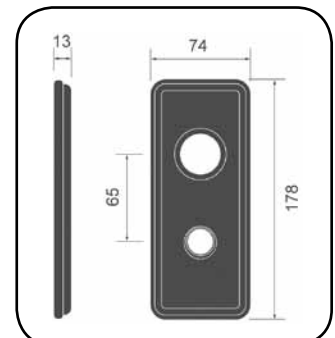


MES008-MB301-F21/26

Escutcheon

Lever

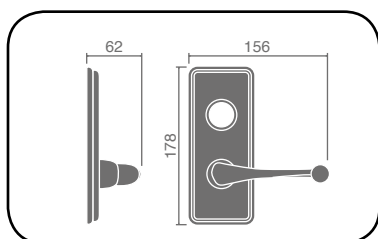
Finish



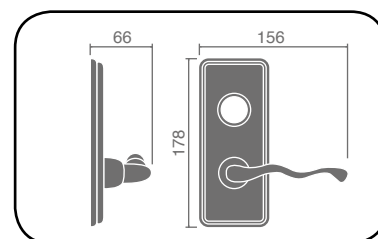
Combinations and finishes



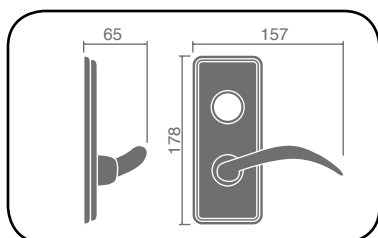
MES008-MB301-F13/18



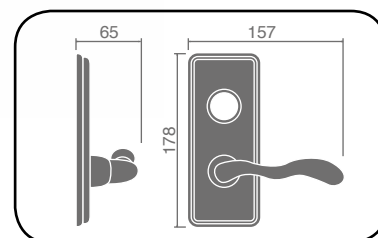
MES008-MB304-F13/18



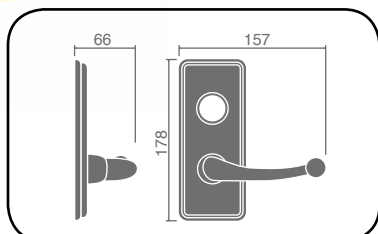
MES008-MB302-F21/26



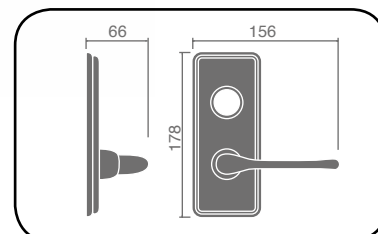
MES008-MB305-F21/26



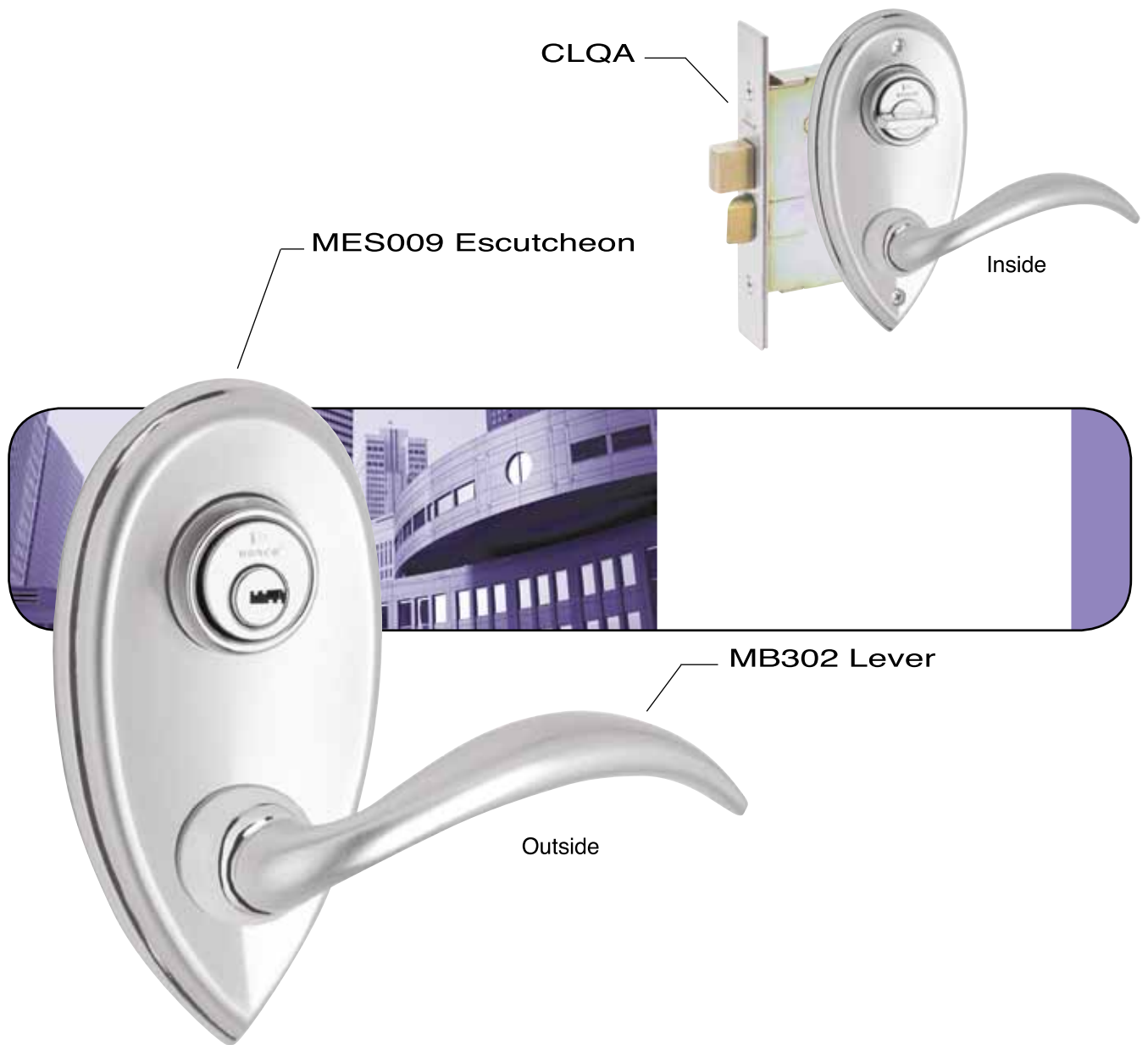
MES008-MB303-F16/17



MES008-MB306-F16/17



• *MES009 with Levers*

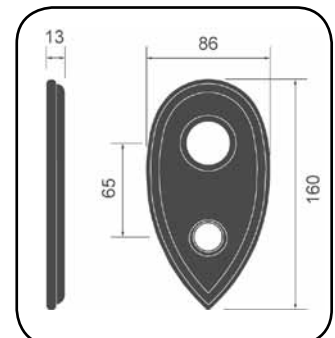


MES009-MB302-F21/26

Escutcheon

Lever

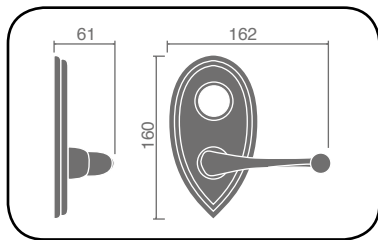
Finish



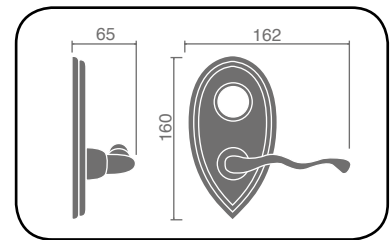
Combinations and finishes



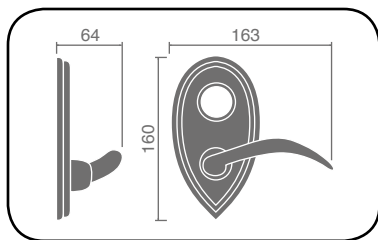
MES009-MB301-F13/18



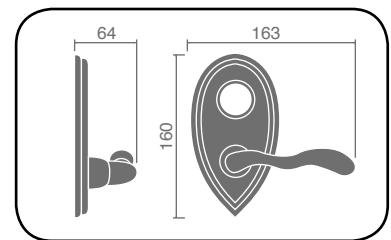
MES009-MB304-F13/18



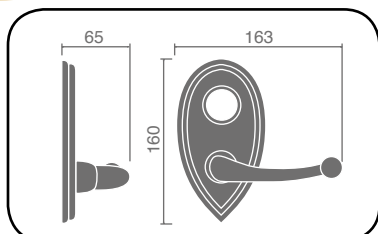
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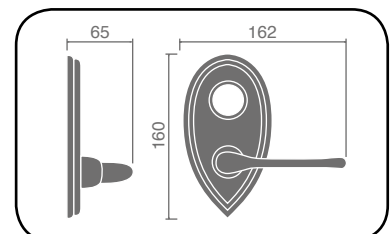
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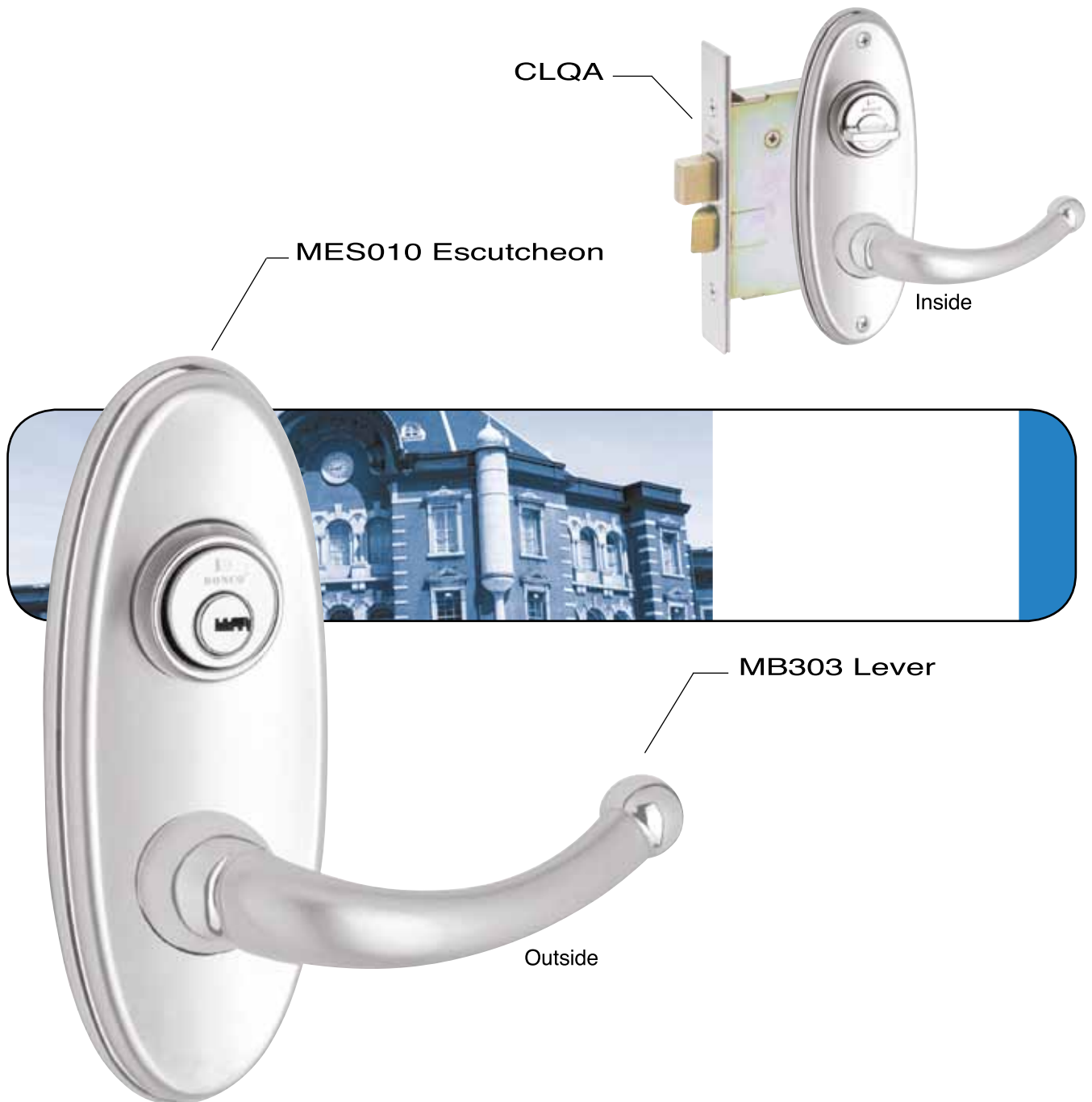
MES009-MB303-F16/17



MES009-MB306-F16/17



• *MES010 with Levers*

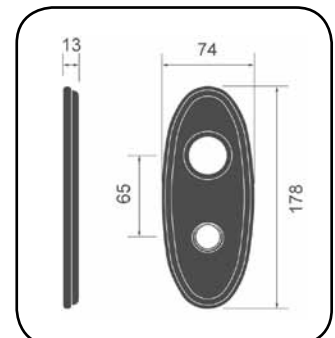


MES010-MB303-F21/26

Escutcheon

Lever

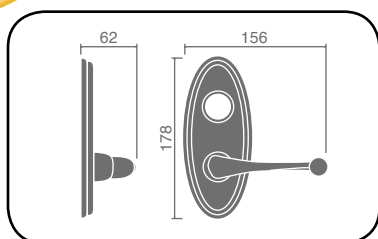
Finish



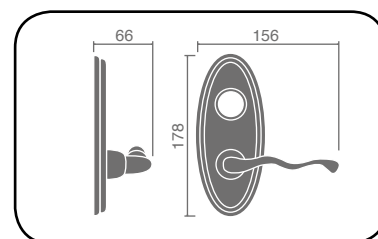
Combinations and finishes



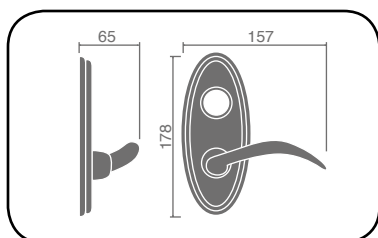
MES010-MB301-F13/18



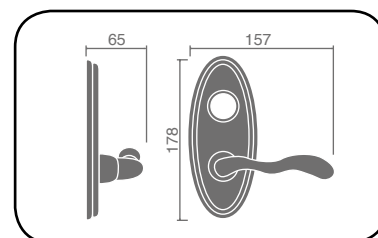
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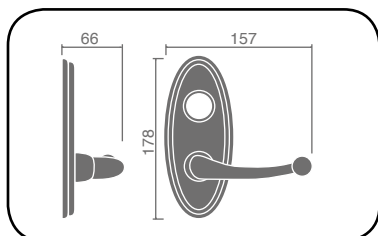
MES010-MB302-F21/26



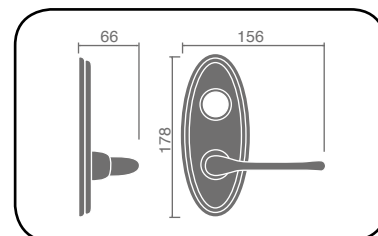
MES010-MB305-F21/26



MES010-MB303-F16/17



MES010-MB306-F16/17

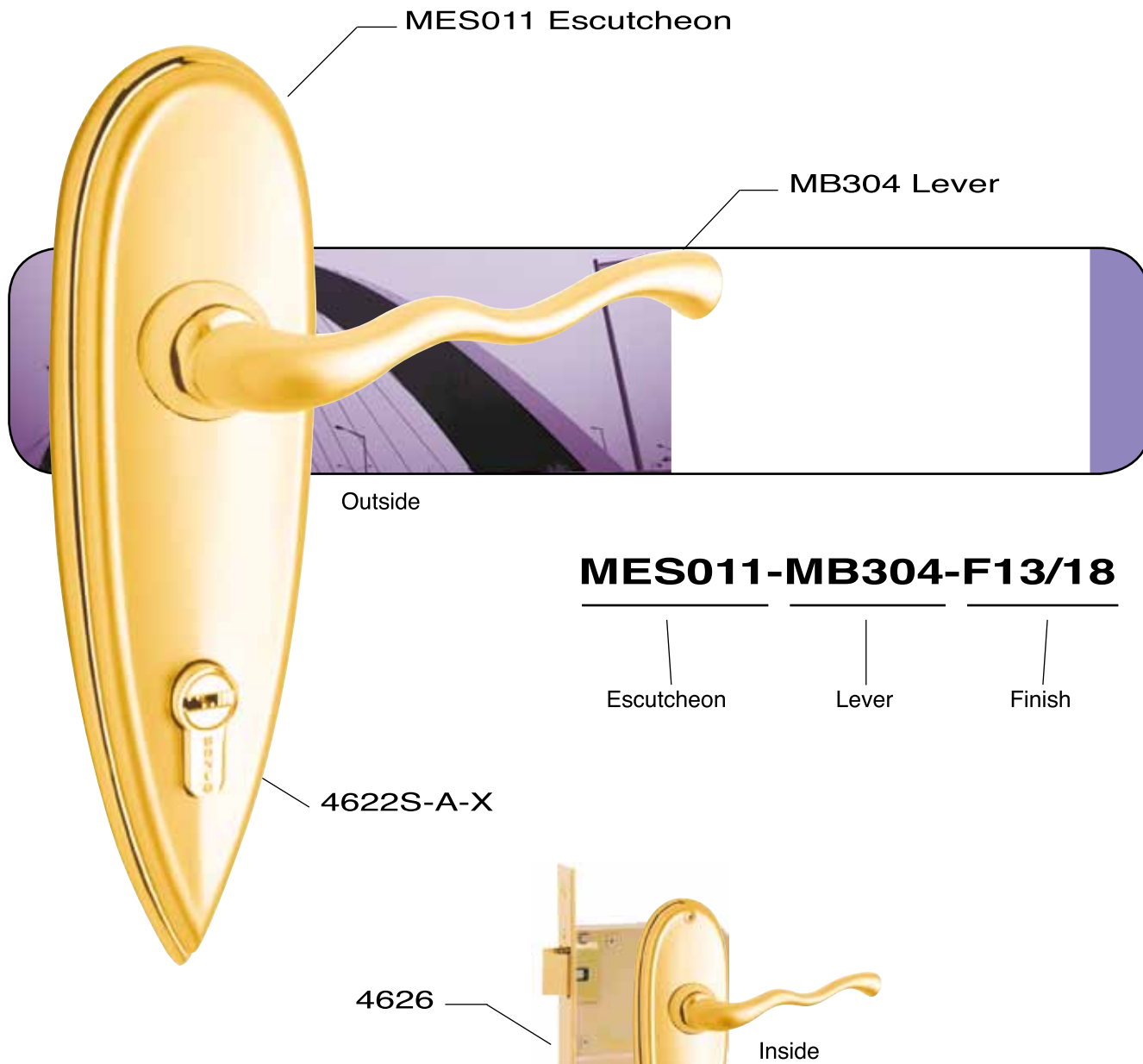


• *MES011 with Levers*

Lever Set

Lever : Forged Brass

Escutcheon : Forged Brass



Euro Profile Mortise Lock

Finishes : F13, F16 or F21

Mortise : 4621/4626/4626P

Backset : 70mm

Door thickness : 35-65mm

Latchbolt : Solid Brass, Reversible

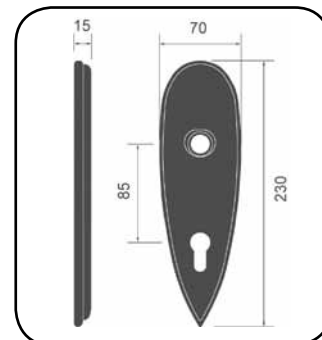
Deadbolt : Solid Brass

Face & Strike Plate : Solid Brass

Hub : For 8mm Square Spindle

Function : Refer to Page LF29

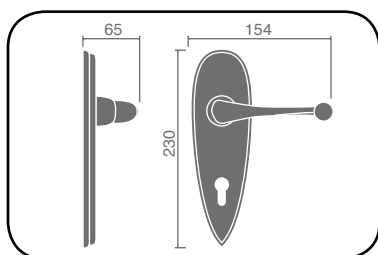
Combination : Refer to Page LF31
(Passed 200,000 Cycle Test)



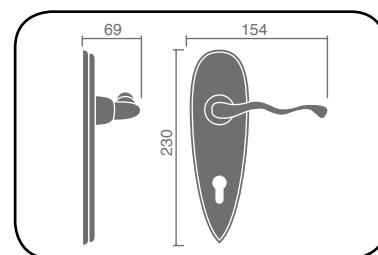
Combinations and finishes



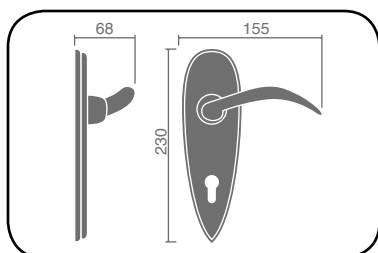
MES011-MB301-F13/18



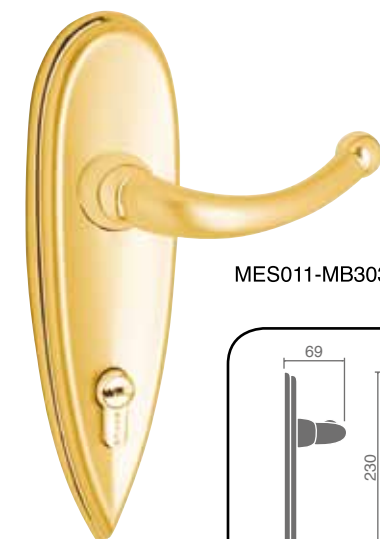
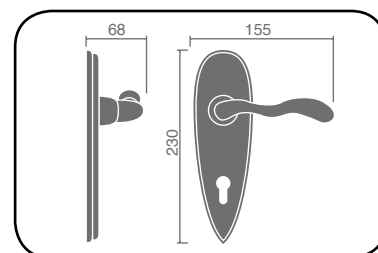
MES011-MB304-F13/18



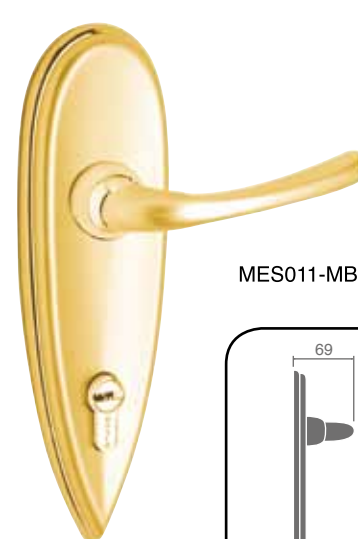
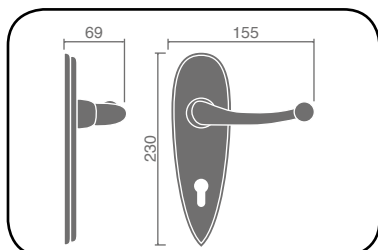
MES011-MB302-F21/26



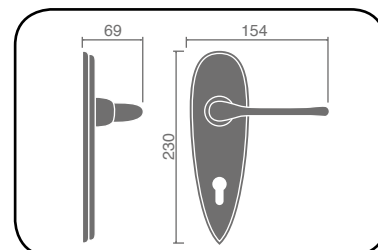
MES011-MB305-F21/26



MES011-MB303-F16/17



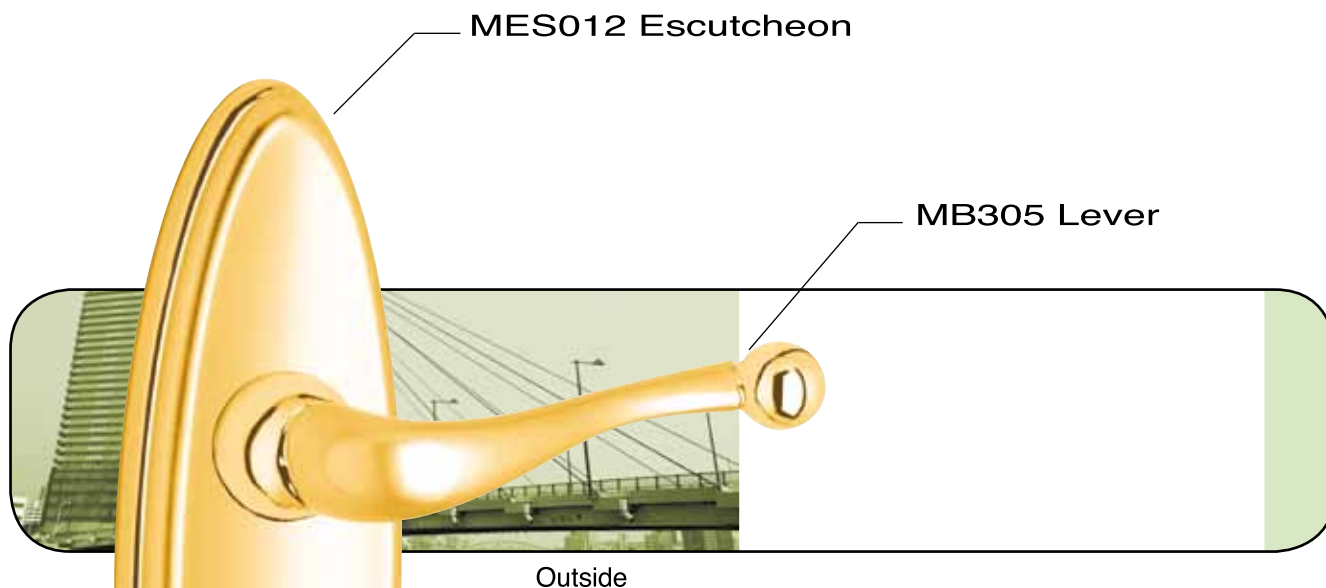
MES011-MB306-F16/17



Dimensions in mm

LF13

• *MES012 with Levers*



MES012-MB305-F16/17

Escutcheon

Lever

Finish

4622S-A-X

4621

Inside

Euro Profile Mortise Lock

Finishes : F13, F16 or F21

Mortise : 4621/4626/4626P

Backset : 70mm

Door thickness : 35-65mm

Latchbolt : Solid Brass, Reversible

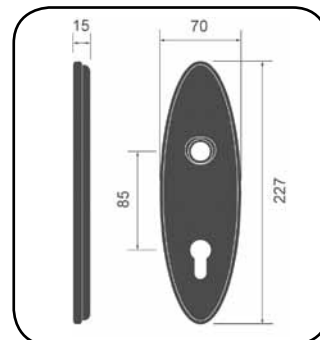
Deadbolt : Solid Brass

Face & Strike Plate : Solid Brass

Hub : For 8mm Square Spindle

Function : Refer to Page LF29

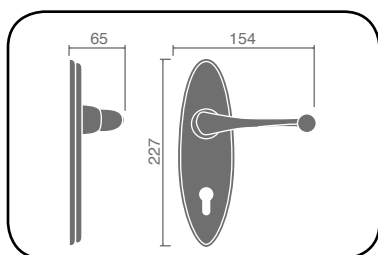
Combination : Refer to Page LF31
(Passed 200,000 Cycle Test)



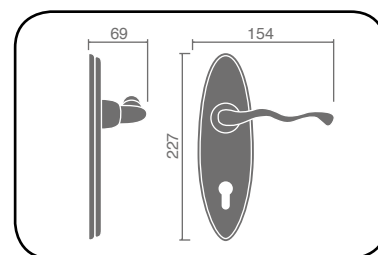
Combinations and finishes



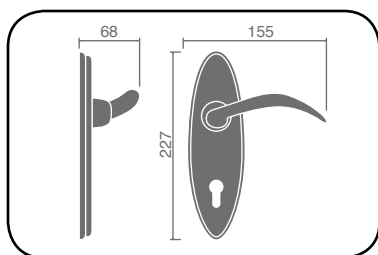
MES012-MB301-F13/18



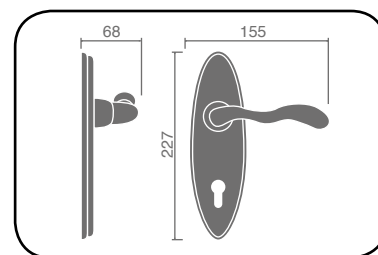
MES012-MB304-F13/18



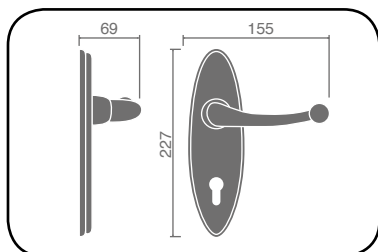
MES012-MB302-F21/26



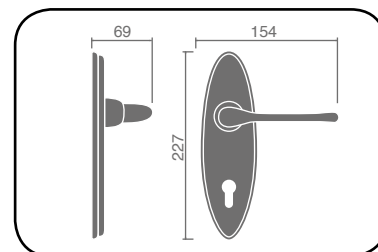
MES012-MB305-F21/26



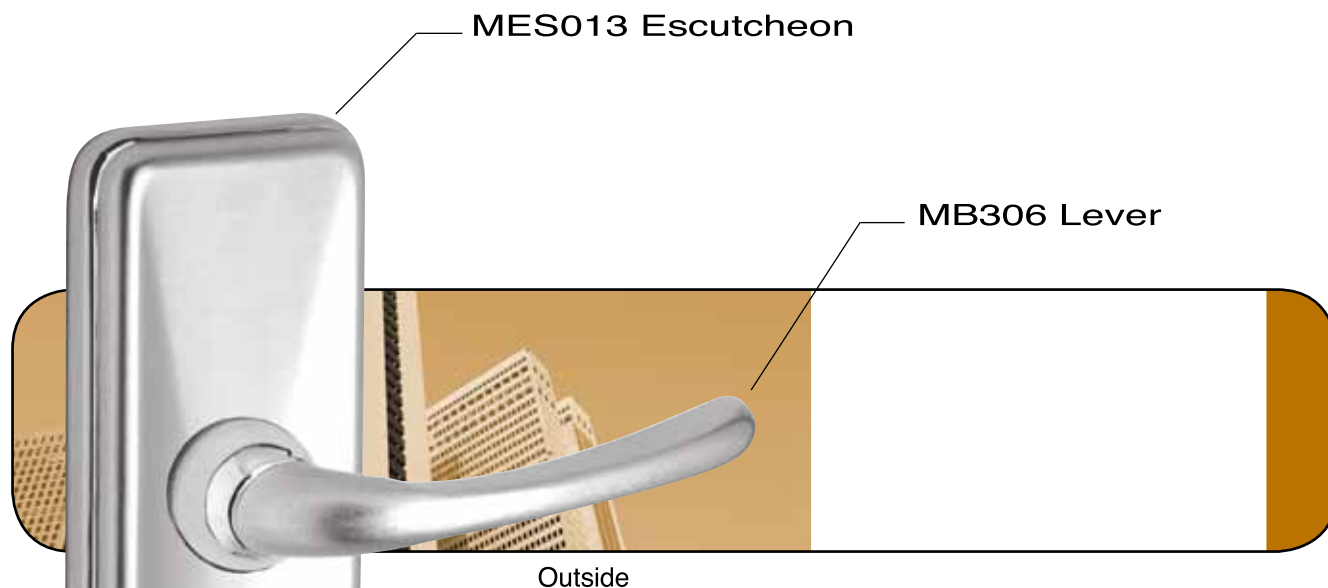
MES012-MB303-F16/17



MES012-MB306-F16/17



• *MES013 with Levers*



MES013-MB306-F21/26

Escutcheon

Lever

Finish

4622S-A-X

4626

Inside

Euro Profile Mortise Lock

Finishes : F13, F16 or F21

Mortise : 4621/4626/4626P

Backset : 70mm

Door thickness : 35-65mm

Latchbolt : Solid Brass, Reversible

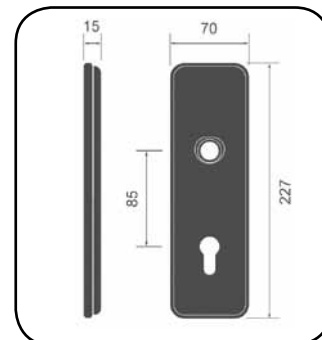
Deadbolt : Solid Brass

Face & Strike Plate : Solid Brass

Hub : For 8mm Square Spindle

Function : Refer to Page LF29

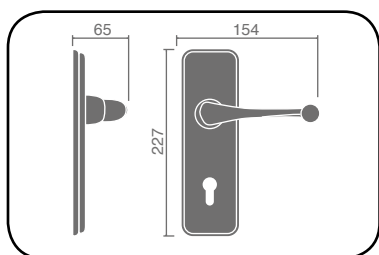
Combination : Refer to Page LF31
(Passed 200,000 Cycle Test)



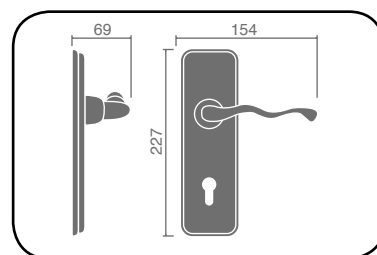
Combinations and finishes



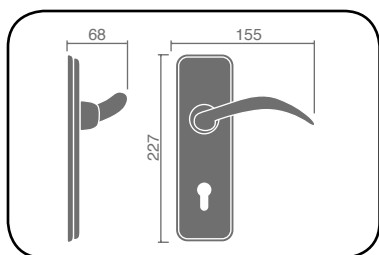
MES013-MB301-F13/18



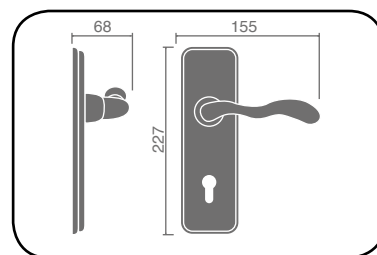
MES013-MB304-F13/18



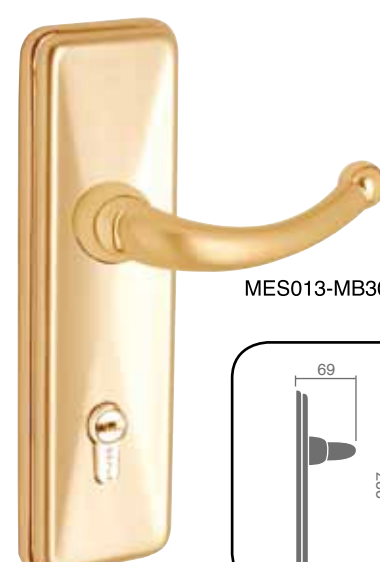
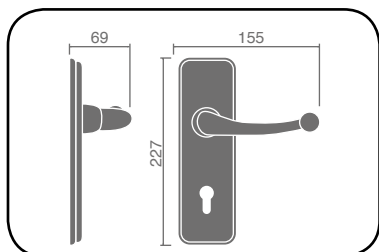
MES013-MB302-F21/26



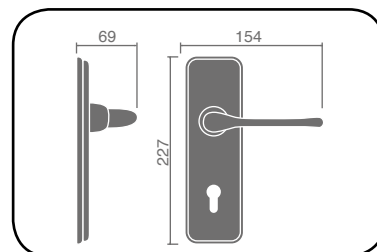
MES013-MB305-F21/26



MES013-MB303-F16/17



MES013-MB306-F16/17



Dimensions in mm

LF17

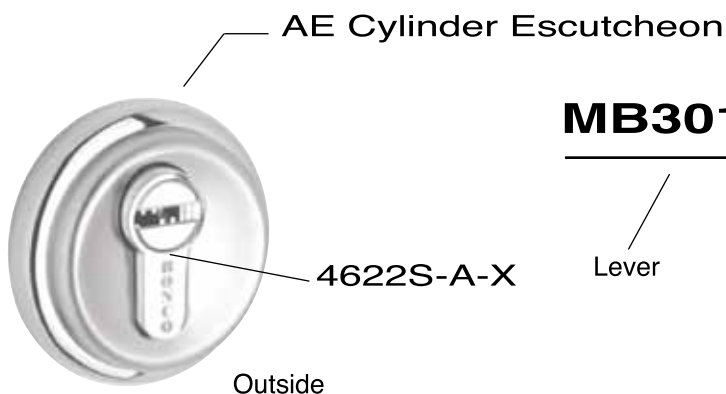
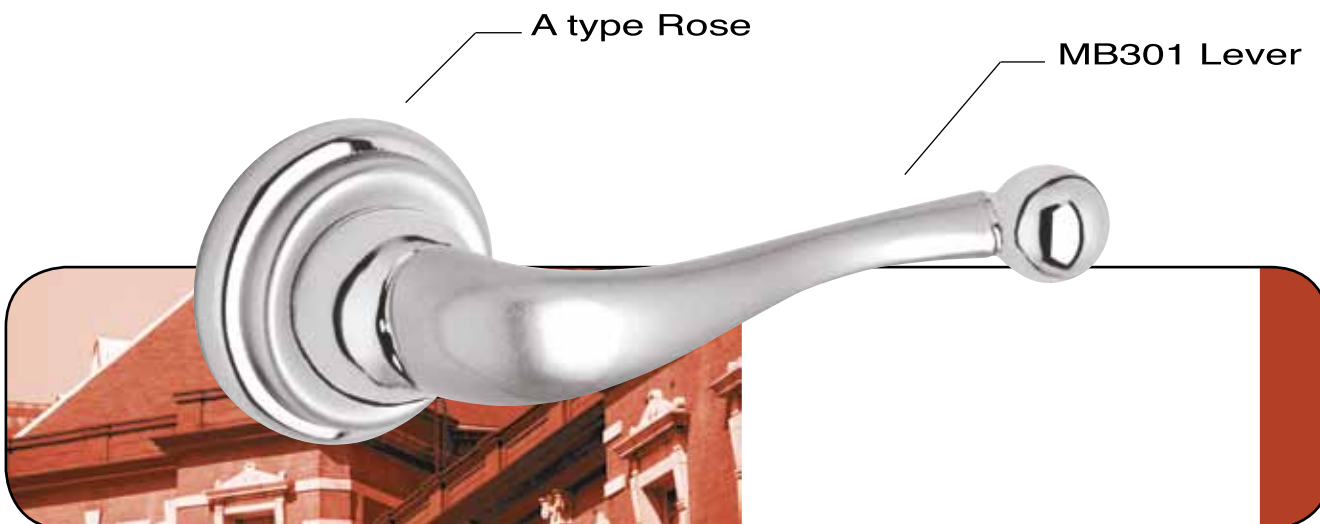
● **MB300-A Series**

Lever Set

Lever : Forged Brass

Rose : Forged Brass

Escutcheon : Forged Brass



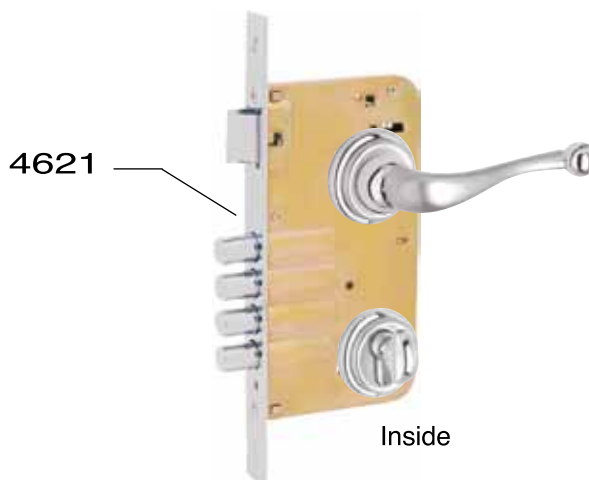
MB301-A-AE-F21/26

Lever

Rose

Escutcheon

Finish



Euro Profile Mortise Lock

Finishes : F13, F16 or F21

Mortise : 4621/4626/4626P

Backset : 60mm or 70mm

Door thickness : 35-65mm

Latchbolt : Solid Brass, Reversible

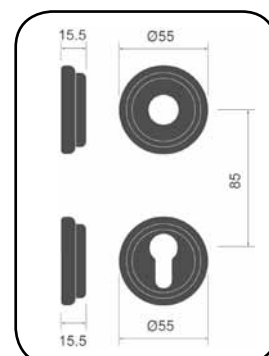
Deadbolt : Steel

Face & Strike Plate : Solid Brass

Hub : For 8mm Square Spindle

Function : Refer to Page LF29

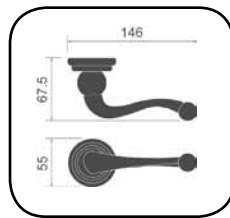
Combination : Refer to Page LF31
(Passed 200,000 Cycle Test)



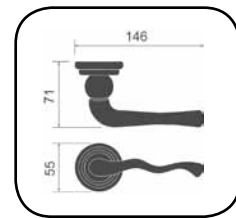
Combinations and finishes



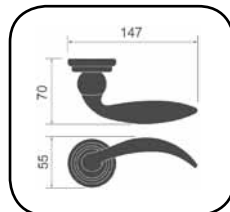
MB301-A-F21/26



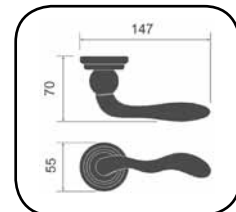
MB304-A-F13/18



MB302-A-F13/18



MB305-A-F21/26



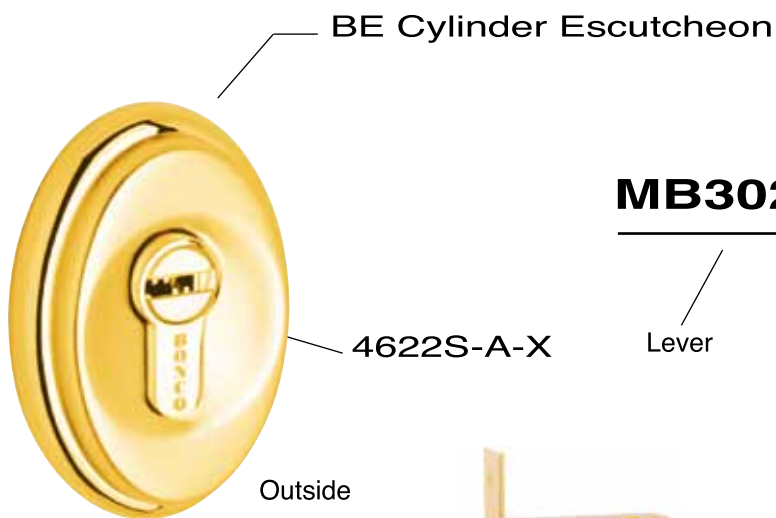
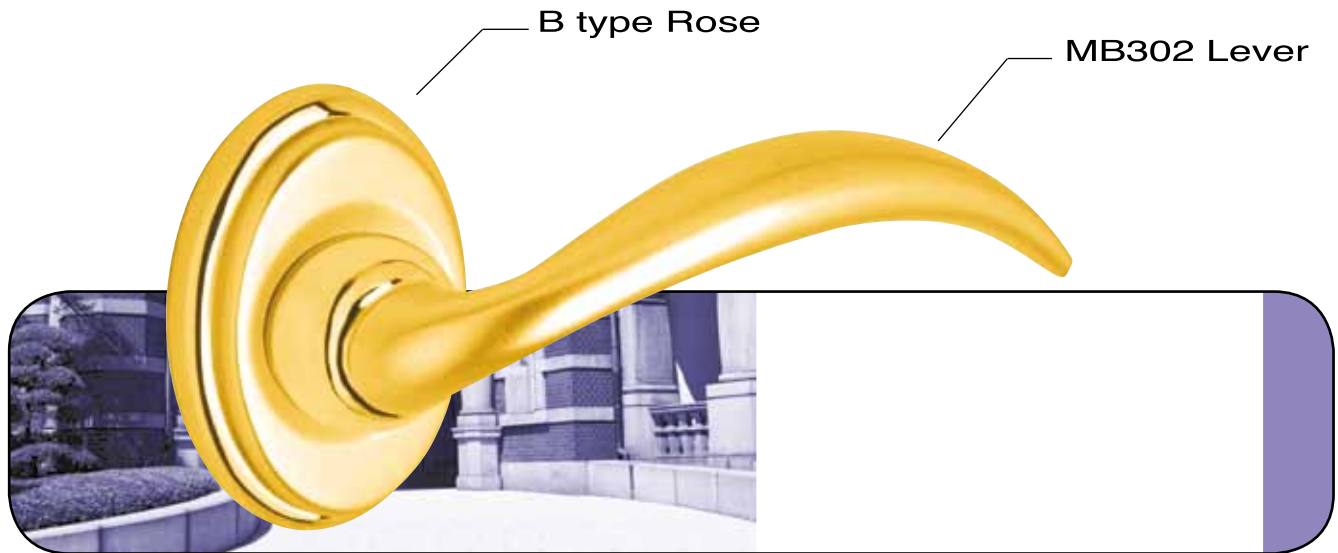
MB303-A-F21/26



MB306-A-F16/17



• MB300-B Series

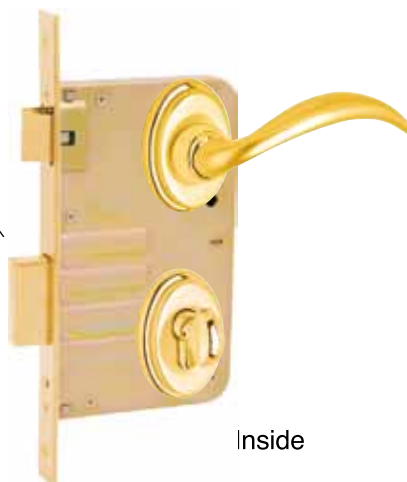


MB302-B-BE-F13/18

Lever	Rose	Escutcheon	Finish

Outside

4626



Euro Profile Mortise Lock

Finishes : F13, F16 or F21

Mortise : 4621/4626/4626P

Backset : 60mm or 70mm

Door thickness : 35-65mm

Latchbolt : Solid Brass, Reversible

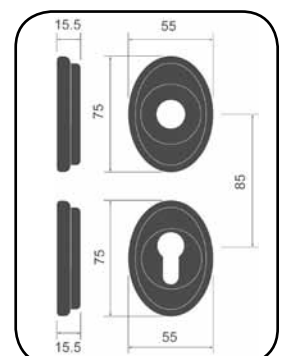
Deadbolt : Solid Brass

Face & Strike Plate : Solid Brass

Hub : For 8mm Square Spindle

Function : Refer to Page LF29

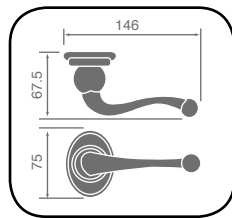
(Passed 200,000 Cycle Test)



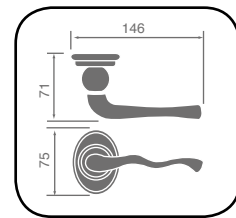
Combinations and finishes



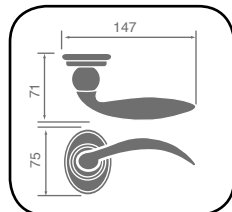
MB301-B-F13/18



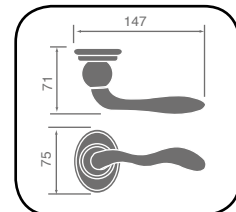
MB304-B-F21/26



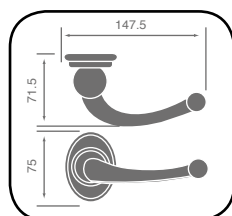
MB302-B-F21/26



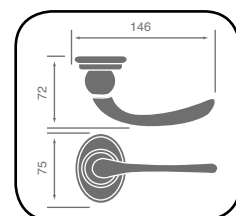
MB305-B-F16/17



MB303-B-F13/18



MB306-B-F21/26



● MB300-C Series

Lever Set

Lever : Forged Brass

Rose : Forged Brass

Escutcheon : Forged Brass

4297-S-X

MB301-C-F21/26

Lever

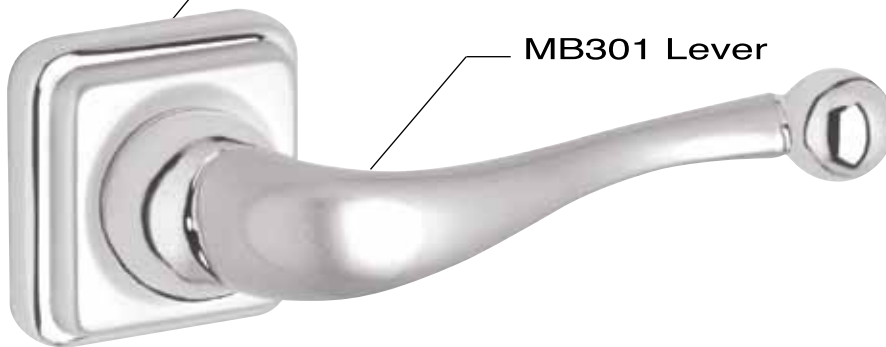
Rose

Finish



C type Rose

MB301 Lever



Outside

Tubular Dead Lock and Spring Latch

Finishes : F13, F16 or F21

Lock/Latch : 4297/4299/5091

Backset : 60mm or 70mm

Door thickness : 35-55mm

Deadbolt : Solid Brass With Hardened Steel Pins

Latchbolt : Zinc Alloy With Nylon or Stainless Steel, Reversible

Face & Strike Plate : Stainless steel

Hub : For 8mm Square Spindle

Function : Refer to Page LF30

Combination : Refer to Page LF31

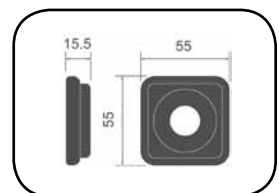
(Passed 200,000 Cycle Test)



5091



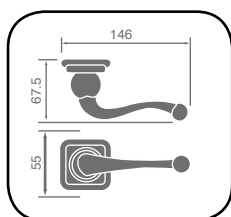
Inside



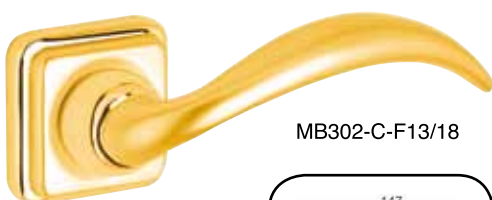
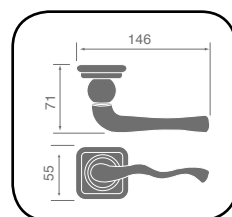
Combinations and finishes



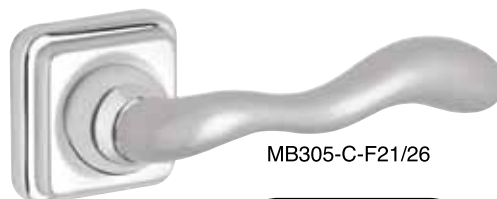
MB301-C-F21/26



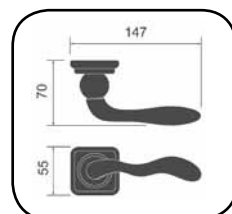
MB304-C-F13/18



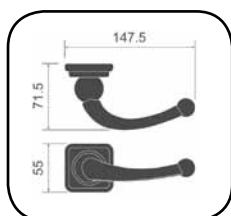
MB302-C-F13/18



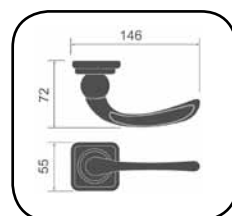
MB305-C-F21/26



MB303-C-F21/26



MB306-C-F16/17



● MB300-D Series

Lever Set

Lever : Forged Brass

Rose : Forged Brass

CL Cylinder

MB304-D-F13/18

Lever

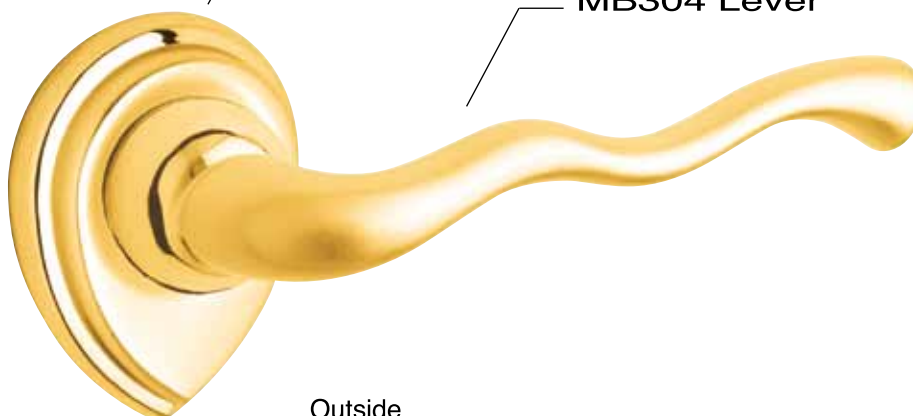
Rose

Finish



D type Rose

MB304 Lever



Outside

CL-05-X

Lever Type Mortise Lock

Finishes : F13, F16 or F21

Mortise : CL

Backset : 50mm

Door thickness : 35-55mm

Latchbolt : Solid Brass

Deadbolt : Solid Brass

Face & Strike Plate : Stainless Steel

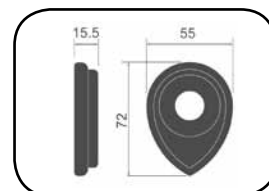
Hub : For 8mm Square Spindle

Function : Refer to Page LF28

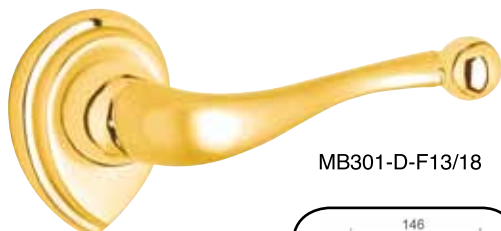
Combination : Refer to Page LF31
(Passed 200,000 Cycle Test)



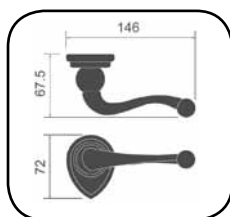
Inside



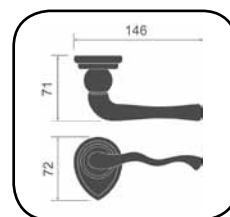
Combinations and finishes



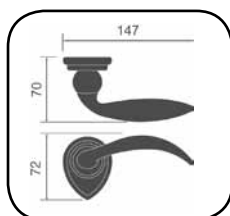
MB301-D-F13/18



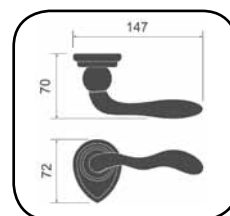
MB304-D-F21/26



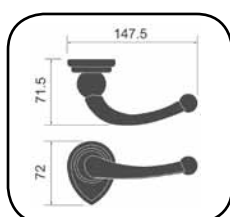
MB302-D-F21/26



MB305-D-F16/17



MB303-D-F13/18



MB306-D-F21/26



● **MB300-E Series**

Lever Set

Lever : Forged Brass

Rose : Forged Brass

CL Cylinder

MB305-E-F16/17

Lever

Rose

Finish



E type Rose

MB305 Lever



Outside

CLQ-05-X

Lever Type Mortise Lock

Finishes : F13, F16 or F21

Mortise : CLQ

Backset : 70mm

Door thickness : 35-55mm

Latchbolt : Solid Brass

Deadbolt : Solid Brass

Face & Strike Plate : Stainless Steel

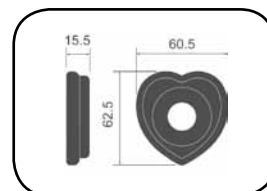
Hub : For 8mm Square Spindle

Function : Refer to Page LF28

Combination : Refer to Page LF31
(Passed 200,000 Cycle Test)



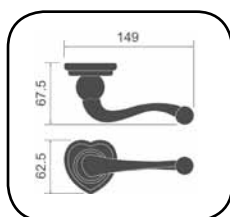
Inside



Combinations and finishes



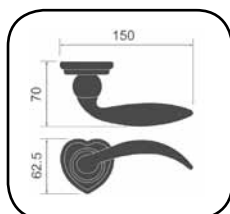
MB301-E-F21/26



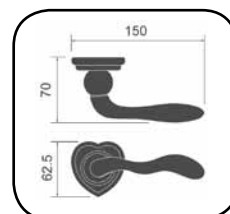
MB304-E-F13/18



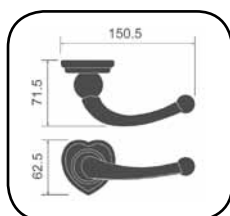
MB302-E-F13/18



MB305-E-F21/26



MB303-E-F21/26

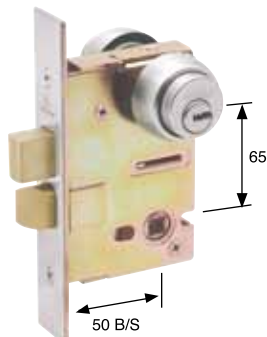


MB306-E-F16/17

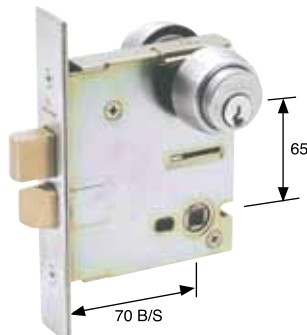


• Locksets

CL, CLQ and LL series



CL-X (Dimple Key)
Lever Type Mortise Lock



CLQ (CLQA for MES 007~010 series)
Lever Type Mortise Lock



LL
Lever Type Mortise Latch



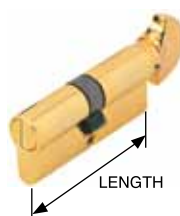
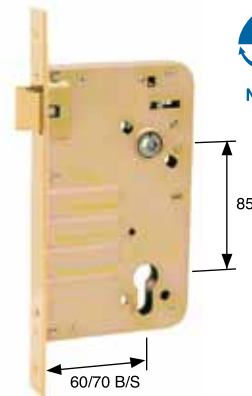
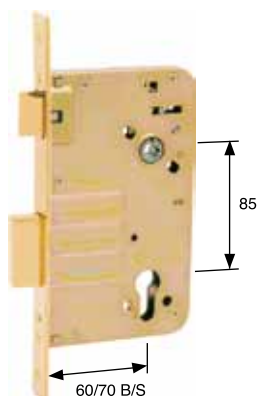
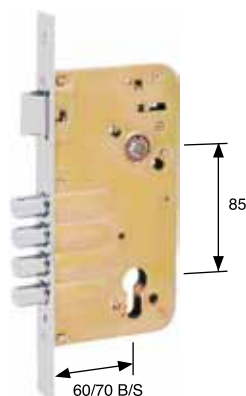
NOTE: Appending -X to the end of a Cylinder/Function Number implies that a Dimple Key Cylinder be used in place of a 5-pin Cylinder

Function Chart

Location	Function Number	Diagram		Operations	Mortise			
		outside	inside		CL	CLQ	CLQA	LL
Entrance	05	Cylinder Lever	Thumbturn Lever	Latchbolt by levers both sides. Deadbolt by key outside, by thumbturn inside.	O	O	O	
Entrance	26	Cylinder Lever	Cylinder Lever	Latchbolt by levers both sides. Deadbolt by key both sides.	O	O	O	
Storeroom	35	Cylinder Lever	Lever	Latchbolt by levers both sides. Deadbolt by key outside only.	O	O	O	
Patio or Exit	63	Lever	Thumbturn Lever	Latchbolt by levers both sides. Deadbolt by thumbturn inside only.	O	O	O	
Privacy	65	Emergency Lever	Thumbturn Lever	Latchbolt by levers both sides. Deadbolt by thumbturn inside and emergency key or coin outside	O	O	O	
Passage	15	Lever	Lever	Latchbolt by lever both sides	O	O		O

Note: for detailed information about Locksets and Cylinders, please refer to the **BONCO** catalog: LOCKSETS

4621 and 4626 series



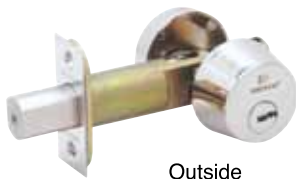
Function Chart

LOCATIONS	FUNCTION NUMBER	CYLINDER	DIAGRAM		OPERATIONS	MORTISE		
			OUTSIDE	INSIDE		4621	4626	4626-P
Entrance	05	4622S	Lever Cylinder	Lever Thumbturn	Latchbolt by levers both sides. Deadbolt by key outside, by turn piece inside.	O	O	
Entrance	26	4622W	Lever Cylinder	Lever Cylinder	Latchbolt by levers both sides. Deadbolt by key both sides.	O	O	
Privacy	65	4622T	Lever Emergency	Lever Thumbturn	Latchbolt by levers both sides. Deadbolt by turn piece inside and emergency key or coin outside.	O	O	
Passage	15	-	Lever	Lever	Latchbolt by lever both sides			O

Dimensions in mm

LF29

• Lock & Spring Latches

4291-S-X Single Cylinder Tubular Deadlock


Outside



Inside

4297-S-X Single Cylinder Tubular Deadlock


Outside



Inside

4296 Tubular Deadbolt with Emergency Release


Outside



Inside

4299 Tubular Deadbolt with Emergency Release


Outside



Inside

5091 Spring Latch with Nylon

5091-S/S Spring Latch with Stainless Steel Latch


Function Chart

LOCATIONS	LOCK	DIAGRAM		OPERATIONS
		OUTSIDE	INSIDE	
Entrance	4291-S, 4297-S	Cylinder 	Thumbturn 	Deadbolt by key outside, by thumbturn inside.
Privacy	4296, 4299	Emergency 	Thumbturn 	Deadbolt by thumbturn inside and emergency key or coin outside. Blue and red indicators for vacancy and non-vacancy.
Passage	5091	Lever 	Lever 	Latchbolt by levers both sides. No deadbolt

Measurements

Door Thickness	Cylinder Length For 4621 / 4626 Mortise Lock	Spindle Length For MB Series		
	4622/S/T/W	A~E type Roses	MES 007~010 Escutcheons	MES 011~013 Escutcheons
34-45	70	70	95	102
45-55	80	80	107	110
55-65	90	90	-	122

other sizes may be available upon request

● Combination Table

Possible Combinations for MB/MES Series with Locksets, Cylinders and Functions					
		MES 007~010 Escutcheons	MES 011~013 Escutcheons	A~E type Roses	AE~EE Cylinder Escutcheons
4291,	4296	60/70	-	-	O **
4297,	4299	60/70	-	-	-
4621	60	-	-	O	O
4621	70	-	O	O	O
4626	60	-	-	O	O
4626	70	-	O	O	O
4626-P	60	-	-	O	-
4626-P	70	-	O	O	-
5091	60/70	-	-	O	-
CL	50	-	-	O	-
CLQ	70	-	-	-	O-
CLQA	70	O	-	-	-
LL	50	-	-	O	-
Cylinder		Length(mm)			
4622S	70/80/90	-	*	-	*
4622T	70/80/90	-	*	-	*
4622W	70/80/90	-	*	-	*
Function No.		-			
05	-	O	O	O	-
26	-	O	O	O	-
35	-	O	-	O	-
63	-	O	-	O	-
65	-	O	O	O	-
15	-	O	O	O	-

○ valid combinations of Lever Set with Lock/Cylinder/Function

* Please refer to the Measurements table on the previous page for the appropriate length

** for aesthetic reasons, **BONCO** MB-C to match with 4297 and 4299

• How to Order

EXAMPLE(1): MB301-C-5091-4297-S-70-F13/18-35DT



Example (1)

Lever Set	Latch	Lock	Backset	Finish	Door Thickness (D/T)
MB301-C	5091	4297-S	70	F13/18	35
			70mm	Bright Gold Sand Gold	35mm

EXAMPLE(2): MES007-MB302-CLQA-05-F21/26-40DT



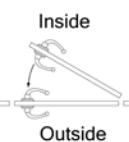
Example (2)

Lever Set	Lock	Function Number	Finish	Door Thickness (D/T)
MES007-MB302	CLQA	05	F21/26	40
		Entrance	Bright /Sand Chrome	40mm

EXAMPLE(3): MES011-MB303-4626-70-RH-4622S-A-X-F16/17-45DT



Example (3)

Lever Set	Lock-Backset	Door Hand	Cylinder	Finish	Door Thickness (D/T)
MES011-MB303	4626-70	RH	4622S-A-X	F16/17	45
		Inside  Outside		PVD /Sand PVD Finish	45mm

EXAMPLE(4): MB304-A-CL-05-F21/26-50DT



Example (4)

Lever Set	Lock	Function Number	Finish	Door Thickness (D/T)
MB304-A	CL	05	F21/26	50
		Entrance	Bright /Sand Chrome	50mm

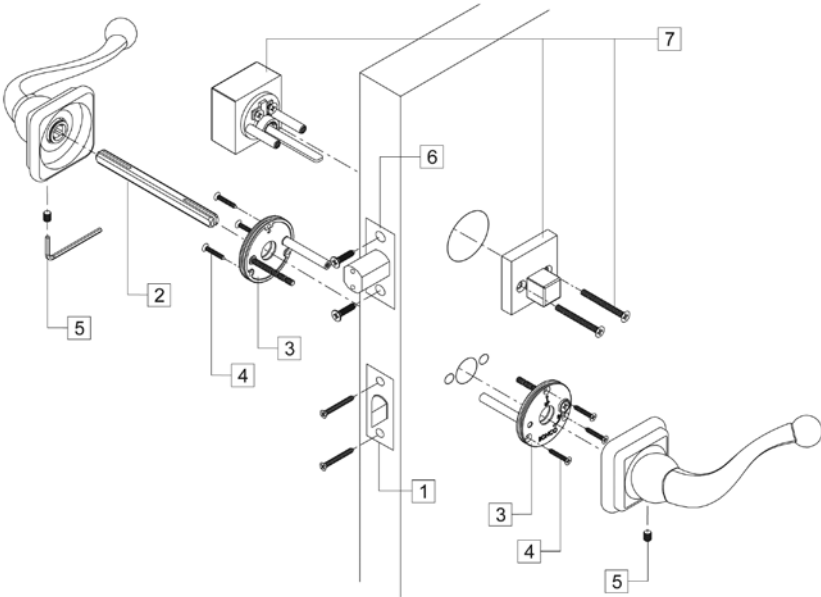


Example (5)

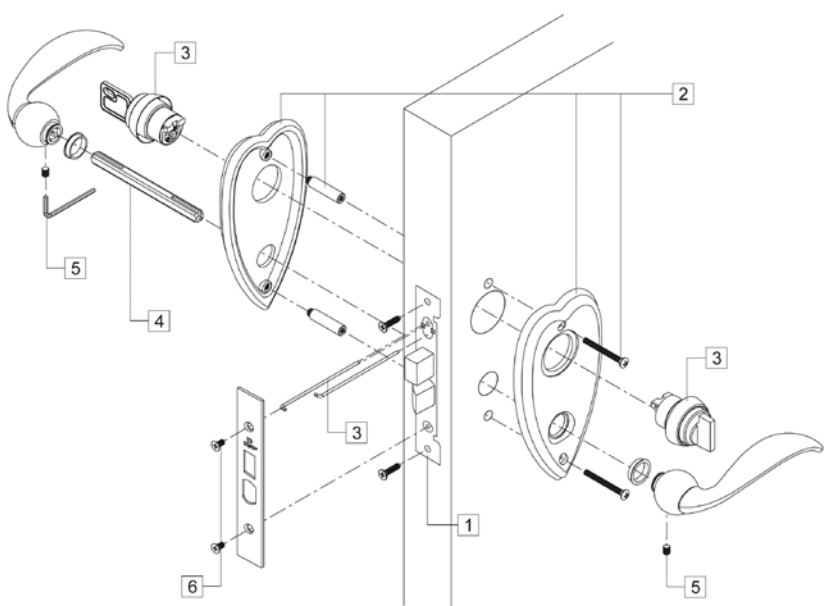
EXAMPLE(5): MB305-E-EE-4621-60-4622S-A-X-F21/26-55DT

Lever Set	Lock-Backset	Cylinder	Finish	Door Thickness (D/T)
MB305-E-EE	4621-60	4622S-A-X	F21/26	55
			Bright /Sand Chrome	55mm

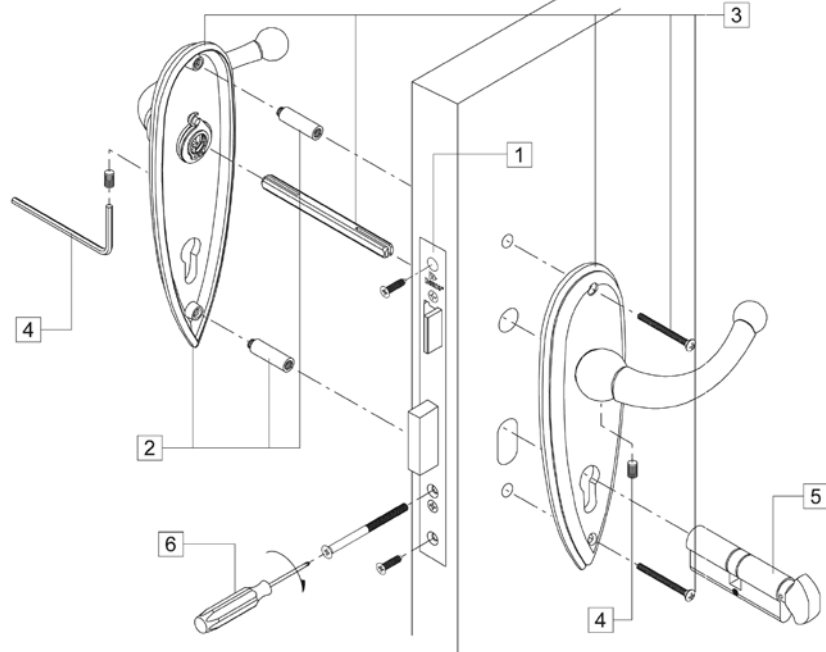
● Installation Instructions

	1	Install the latch by inserting it into the cutout of the door
	2	Insert the square spindle into the latch.
	3	Align the fixing brackets onto the door and fix them by tightening up two sets of (male and female screws) as shown in the diagram.
	4	Reinforce and secure the fixing brackets by additional screws.
	5	Secure the outside and inside lever to the fixing bracket. tighten the lever to the square spindle with the little thread screws.
	6	Install the deadbolt by inserting it into the cutout of the door.
	7	Fasten the cylinder and turn-piece to the deadbolt assy. by tightening up two fixing bolts.

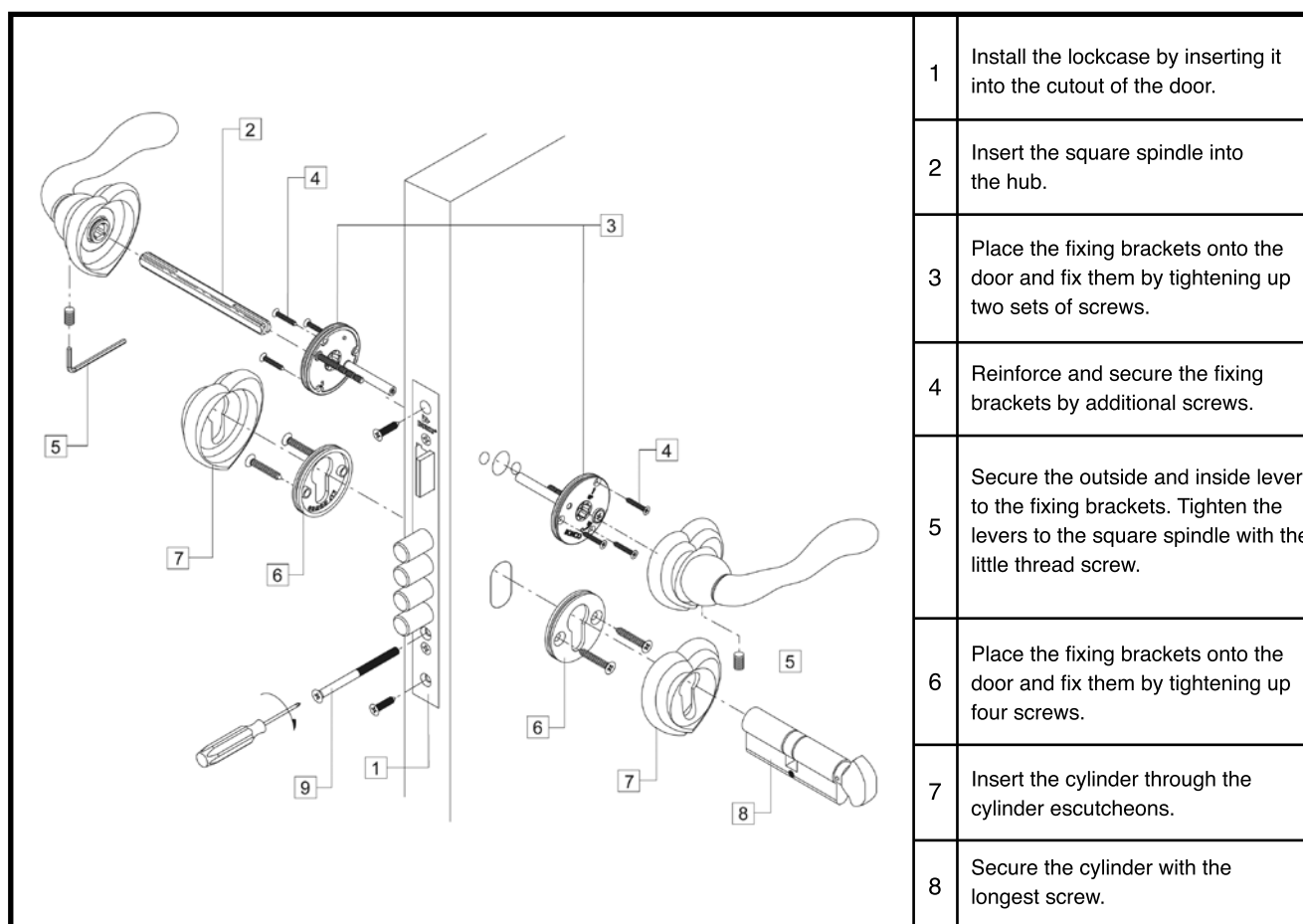
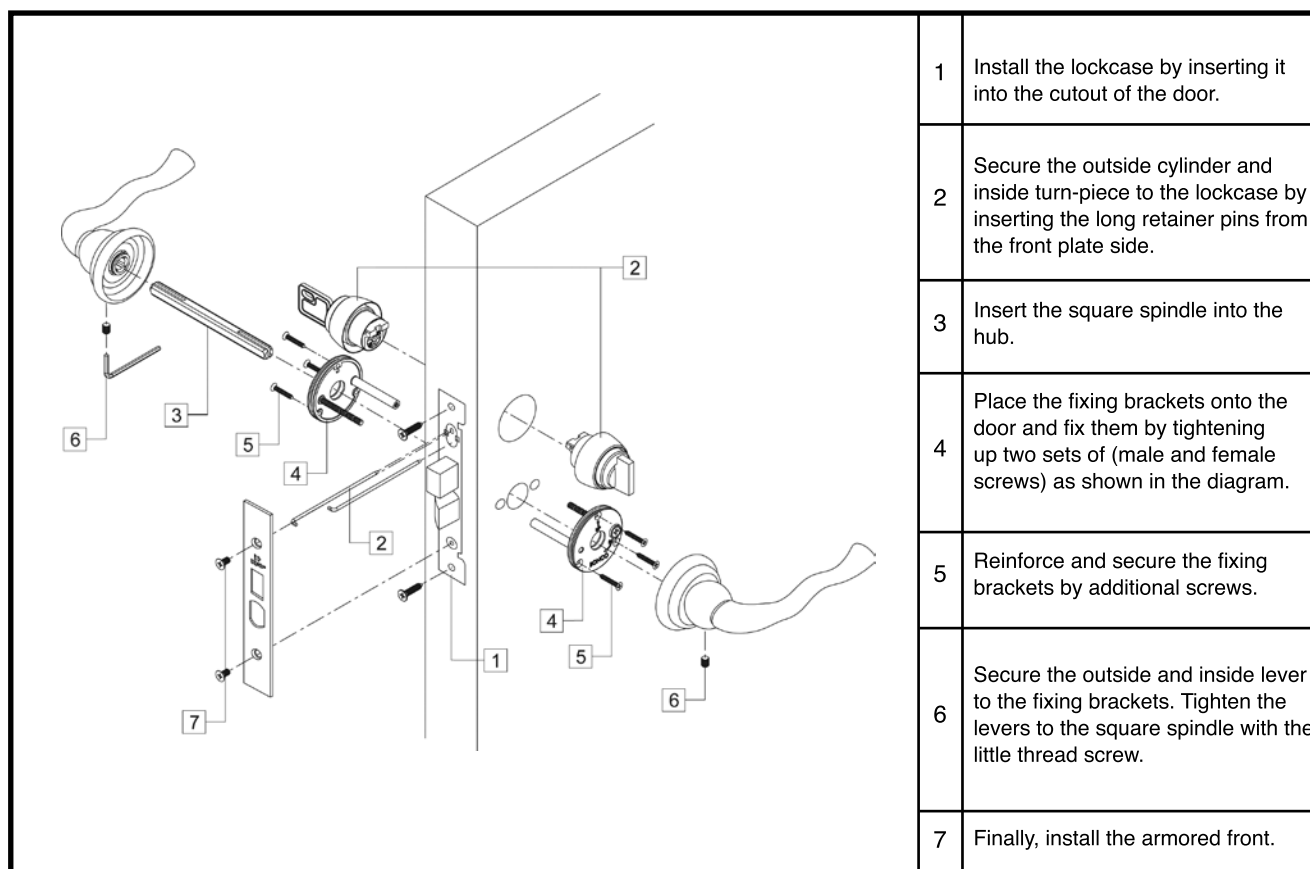
• *Installation Instructions*



1	Install the lockcase by inserting it into the cutout of the door.
2	Fasten the cylindrical screws to the outer plate. Align the two plates on the door and tighten with the long metal screws.
3	Secure the outside cylinder and inside turn-piece to the lockcase by inserting the long retainer pins from the front plate side.
4	Insert the square spindle into the lockcase hub, and fit both side lever handles.
5	Tighten and secure the outside and inside lever with the little thread screw.
6	Finally, install the armored front.



1	Install the lockcase by inserting it into the cutout of the door.
2	Fasten the cylindrical screws to the outer plate.
3	Align the two plates on the door and tighten with the fixing screws. Insert the square spindle into the hub and fix the lever handles.
4	Tighten and secure the outside and inside lever with the little thread screw.
5	Insert the cylinder through the two plates.
6	Fix the cylinder with the longest screw.





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