



# MORTISE LOCKS

**M Series Extra Heavy Duty Models**



**Architectural Hardware**

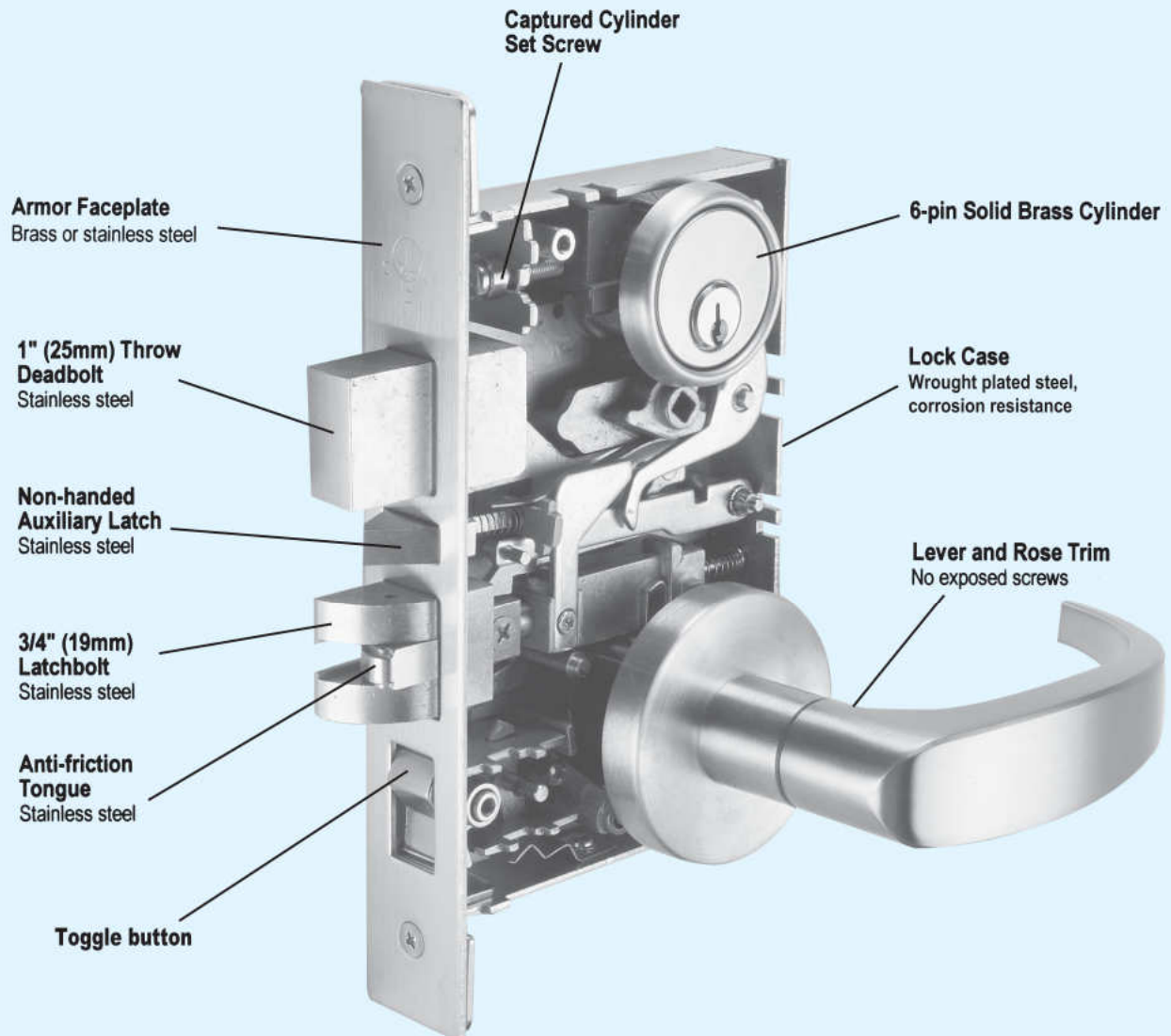
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# Extra Heavy Duty MORTISE LOCKS



Our Heavy Duty Mortise Locks comply with American National Standard Institute requirement (ANSI/ BHMA A156.13 – 2005 Grade 1). We offer a full range of multiple models to meet different demand for commercial, institutional and industrial applications.



## Features:

- Full reversible design.
- No exposed mounting screws on outside and inside trims.
- Can retrofit American Schlage L9000 Series mortise lock bodies.
- Outside lever is Clutch Freewheeling design. The lever rotates when the lever is locked preventing excessive force from being applied to the horizontal level. This design can decrease the lever to be broken or damaged.

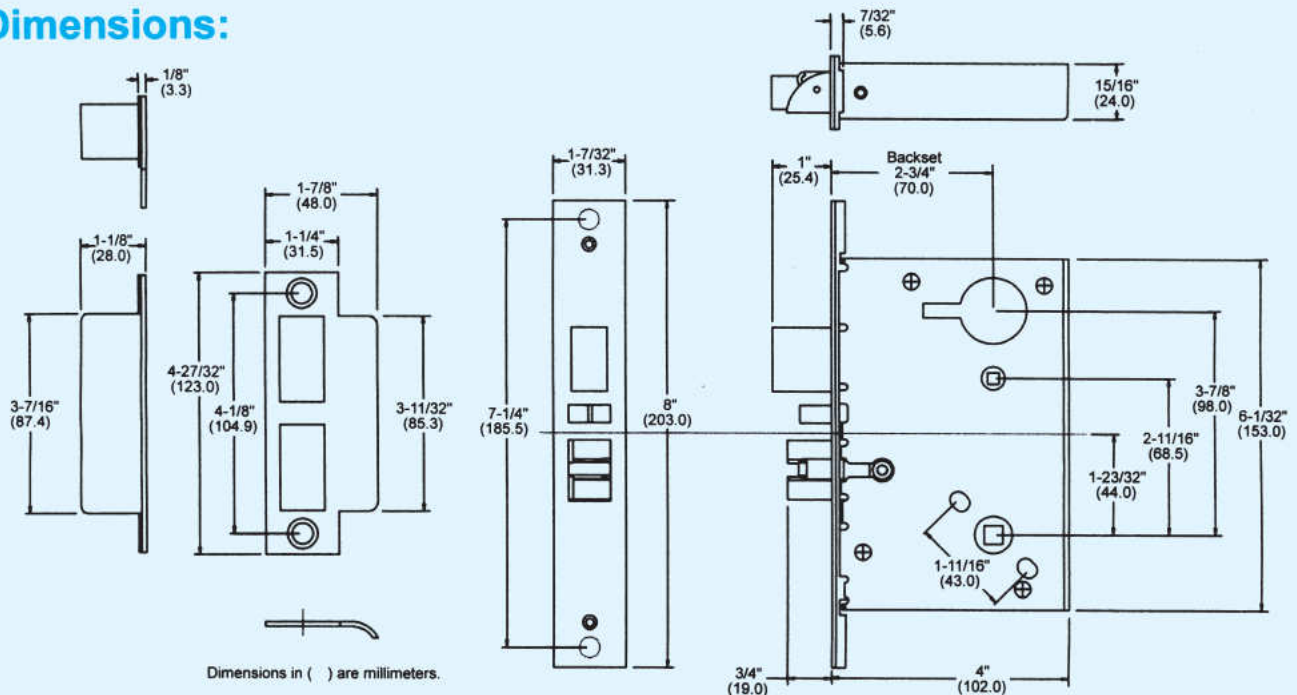
## Specifications:

<b>For Doors</b>	1-3/4" (44.5mm) thick standard. For doors over 1-3/4" (44.5mm), specify door thickness
<b>Lock Hand</b>	Lock bodies are easily field reversible, no need to specify hand when ordering
<b>Backset</b>	2-3/4" (70mm) only
<b>Lock Case</b>	Heavy duty wrought steel, zinc dichromate plated
<b>C to C</b>	☰ lever to ☰ cylinder is 3-7/8" (98mm)
<b>Armor Faceplate</b>	Brass or stainless steel; 8" x 1-7/32" (203mm x 31.3mm); ANSI Standard A115.1
<b>Deadbolt</b>	1" (25.4mm) throw; hardened stainless steel
<b>Latchbolt</b>	3/4" (19mm) throw; one-piece stainless steel with anti-friction reversible tongue
<b>Auxiliary Latch</b>	Stainless steel, non-handed
<b>Toggle Button</b>	High rust-resistant chrome plated zinc alloy
<b>Trims</b>	As specified, see page 16 ~ page 22
<b>Strike</b>	Brass or stainless steel; ANSI Standard A115.1; curve lip with dust box
<b>Cylinders</b>	As specified, see page 24. When need to meet key requirement, buyers may use any brand mortise cylinder, our lock case can receive cylinders from other manufacturers
<b>Masterkeying</b>	Can be masterkeyed or grand masterkeyed, construction keying available
<b>Finishes</b>	US3, 4, 10, 10B, 15, 26, 26D, 32, 32D

## Certifications:

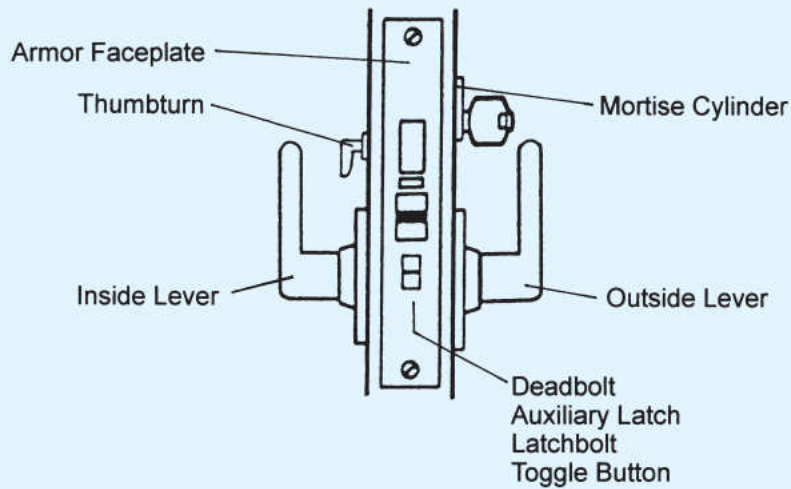
<b>ANSI/BHMA</b>	Meet ANSI/BHMA A156.13 Series 1000 Grade 1 requirement
<b>UL/cUL</b>	UL and UL Listed to Canadian safety standard for A label (3-hour fire door); stamped letter F and UL symbol on armor faceplate
<b>Positive Pressure</b>	Meet positive pressure requirements UL 10C and UBC 7-2 (1997)

## Dimensions:

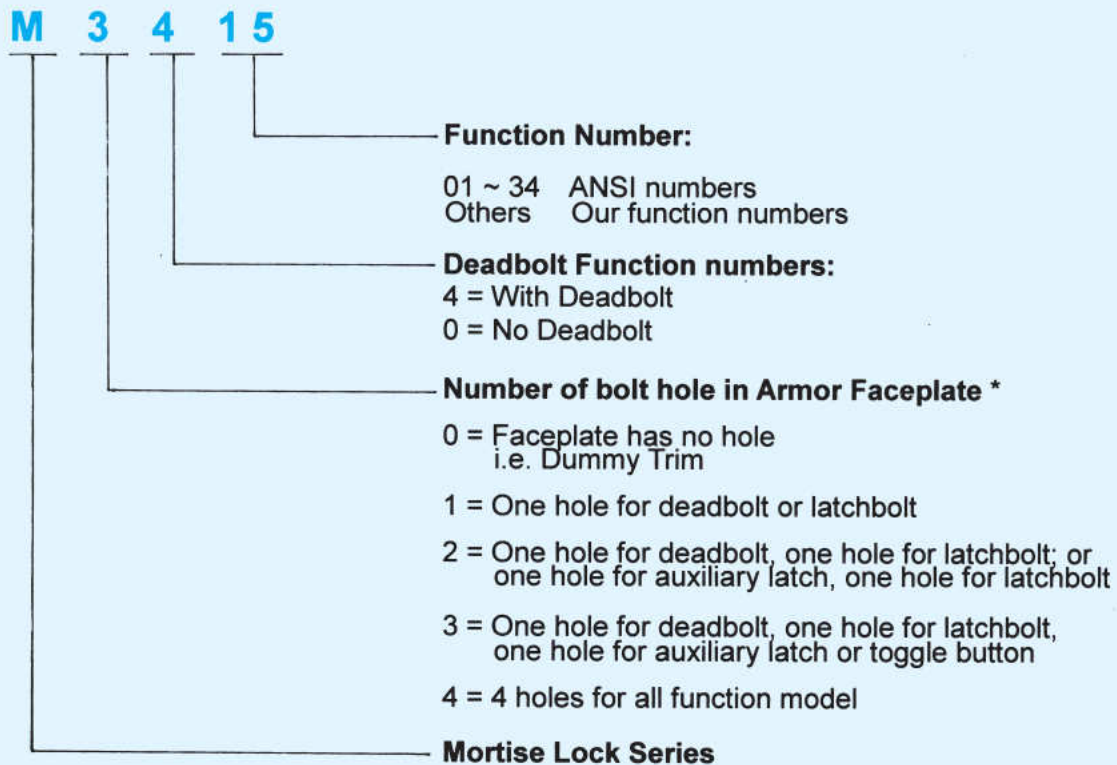




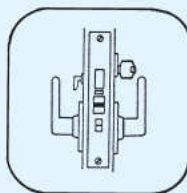
## MODELS & ANSI FUNCTION NUMBERS



### Product Identification



\* Details see page 24



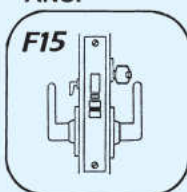
## All Purpose Lock

**Model No.: M4486**

- \* Latch bolt retracted by lever from either side unless outside lever is locked (made inoperative) by operating toggle button
- \* Dead bolt projected or retracted by key outside or thumbturn inside
- \* Key outside operates both bolts
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously
- \* To lock toggle button, outside lever is inoperative
- \* To unlock toggle button, outside lever is operative
- \* Latch bolt is deadlocked when outside lever is locked (inoperative) or when dead bolt is projected
- \* Outside lever is unlocked by toggle button only when dead bolt is retracted
- \* Inside lever is always free for immediate exit
- \* Auxiliary latch deadlocks latch bolt when door is closed



ANSI



## Hotel Guest Lock

**Model No.: M3415**

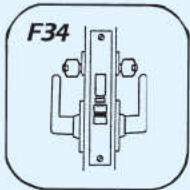
- Hotel cylinder required with two types of keys (standard key and emergency key)
- Standard key outside retracts latch bolt only, will not retract or project dead bolt
- Emergency key outside will retract latch bolt and dead bolt, also project dead bolt
- \* Latch bolt retracted by key outside or lever inside
- \* Outside lever is always inoperative
- \* Dead bolt projected or retracted by inside thumbturn
- \* When dead bolt is projected, key outside becomes inoperative except emergency key
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously
- \* Auxiliary latch deadlocks latch bolt when door is closed
- \* Inside lever is always free for immediate exit

(Original listed model no.: M3485)



ANSI

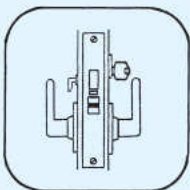
F34



## CLASSROOM SECURITY INTRUDER DEAD bolt Lock

### Model No.: M3434

- \* Latch bolt retracted by lever from either side unless outside lever is locked by key from inside or outside
- \* Dead bolt projected or retracted by key outside
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously, and unlock outside lever
- \* Auxiliary latch deadlocks latch bolt when door is closed, or latch bolt is deadlocked when dead bolt is projected
- \* Inside lever is always free for immediate exit



## ENTRANCE Lock

### Model No.: M3485

- \* Latch bolt retracted by lever from either side unless outside lever is locked by key from outside
- \* Dead bolt projected or retracted by key outside
- \* Latch bolt retracted by key outside
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously
- \* Dead bolt projected or retracted by inside thumbturn
- \* When dead bolt projected by inside thumbturn, outside lever becomes inoperative automatically
- \* Inside lever is always free for immediate exit
- \* Auxiliary latch deadlocks latch bolt when door is closed

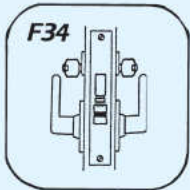
(Original listed model no.: M3485A)





ANSI

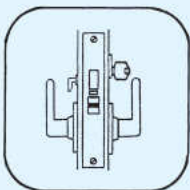
F34



## CLASSROOM SECURITY INTRUDER DEAD bolt Lock

### Model No.: M3434

- \* Latch bolt retracted by lever from either side unless outside lever is locked by key from inside or outside
- \* Dead bolt projected or retracted by key outside
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously, and unlock outside lever
- \* Auxiliary latch deadlocks latch bolt when door is closed, or latch bolt is deadlocked when dead bolt is projected
- \* Inside lever is always free for immediate exit



## ENTRANCE Lock

### Model No.: M3485

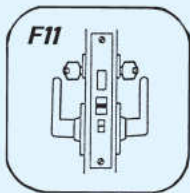
- \* Latch bolt retracted by lever from either side unless outside lever is locked by key from outside
- \* Dead bolt projected or retracted by key outside
- \* Latch bolt retracted by key outside
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously
- \* Dead bolt projected or retracted by inside thumbturn
- \* When dead bolt projected by inside thumbturn, outside lever becomes inoperative automatically
- \* Inside lever is always free for immediate exit
- \* Auxiliary latch deadlocks latch bolt when door is closed

(Original listed model no.: M3485A)





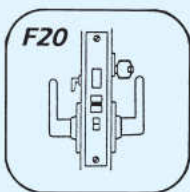
ANSI



## **DORMITORY OR EXIT Lock**

### **Model No.: M3411**

- \* Latch bolt retracted by lever from either side unless outside lever is locked (made inoperative) by operating toggle button
- \* Dead bolt projected by key from either side
- \* Dead bolt retracted by key outside
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously, and outside lever remains locked



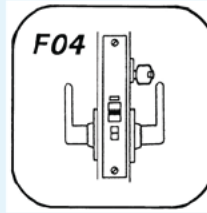
## **APARTMENT CORRIDOR Door Lock**

### **Model No.: M3420**

- \* Latch bolt retracted by lever from either side unless outside lever is locked (made inoperative) by operating toggle button
- \* Dead bolt projected and retracted by key outside or thumbturn inside
- \* Key outside operates dead bolt and latch bolt, and outside lever remains locked
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously (when dead bolt is projected), and outside lever remains locked
- \* Latch bolt is deadlocked when outside lever is locked (made inoperative) or when dead bolt is projected
- \* When dead bolt is retracted, outside lever is unlocked by toggle button
- \* Inside lever is always free for immediate exit



ANSI



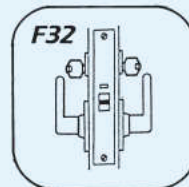
**Office or Entry Lock**

**Model No.: 3004**

- \* Outside lever retracts latch bolt unless outside lever is locked (made inoperative) by operating toggle button
- \* Latch bolt retracted by key outside and inside lever when outside lever is locked
- \* Outside lever is locked and unlocked by toggle button
- \* Key outside locks outside lever only
- \* When latch bolt is retracted by inside lever, outside lever remains locked
- \* Auxiliary latch deadlocks latch bolt when door is closed
- \* Inside lever is always free for immediate exit



ANSI



**Classroom Security**

**Intruder Latch bolt Lock**

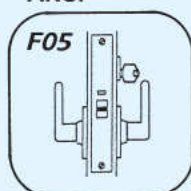
**Model No.: M 2032**

- \* Latch bolt retracted by lever from either side unless outside lever is locked by key from either side
- \* When outside lever is locked, latch bolt retracted by key outside or lever inside
- \* Turning key from either side locks and unlocks outside lever
- \* Auxiliary latch deadlocks latch bolt when door is closed
- \* Inside lever is always free for immediate exit





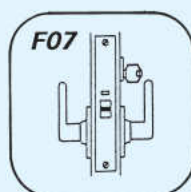
ANSI



### Classroom Lock

**Model No.: M 2005**

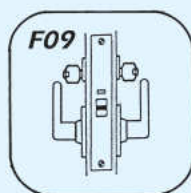
- \* Key outside locks and unlocks outside lever
- \* Outside lever retracts latch bolt unless outside lever is locked by key
- \* When outside lever is locked, unlocked from outside by key or by inside lever
- \* Inside lever is always free for immediate exit
- \* Auxiliary latch deadlocks latch bolt when door is closed



### STOREROOM OR CLOSET Lock

**Model No.: M 2007**

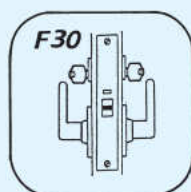
- \* Latch bolt retracted by key outside or by lever inside
- \* Outside lever is always inoperative
- \* Inside lever is always free for immediate exit
- \* Auxiliary latch deadlocks latch bolt when door is closed



### APARTMENT ENTRANCE Lock, Public Toilet Lock

**Model No.: M 2009**

- \* Latch bolt retracted by lever from either side unless outside lever is locked by key from inside
- \* Key inside locks and unlocks outside lever
- \* When outside lever is locked, latch bolt retracted by key outside or by lever inside
- \* Auxiliary latch deadlocks latch bolt when door is closed
- \* Inside lever is always free for immediate exit



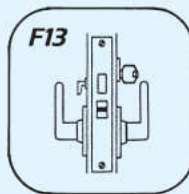
### Asylum or Institution Lock

**Model No.: M 2030**

- \* Latch bolt retracted by key from either side
- \* Levers on both sides are always inoperative
- \* Auxiliary latch deadlocks latch bolt when door is closed



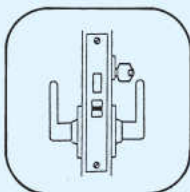
ANSI



## **DORMITORY OR EXIT Lock**

**Model No.: M 2413**

- \* Latch bolt retracted by lever from either side when dead bolt is in retracted position
- \* Dead bolt projected or retracted by key outside or thumbturn inside
- \* Projecting dead bolt locks outside lever
- \* When dead bolt is projected, operating inside lever retracts both dead bolt and latch bolt simultaneously

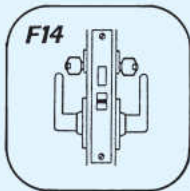


## **CLOSET OR STOREROOM Lock**

**Model No.: M 2465**

- \* Latch bolt retracted by lever from either side
- \* Dead bolt projected or retracted by key outside

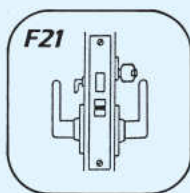
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## **STORE DOOR Lock**

**Model No.: M 2414**

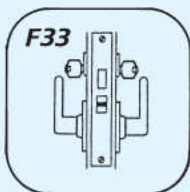
- \* Latch bolt retracted by lever from either side
- \* Dead bolt projected or retracted by key from either side
- \* Latch bolt and dead bolt are independent of each other



## **ROOM DOOR Lock**

**Model No.: M 2421**

- \* Latch bolt retracted by lever from either side
- \* Dead bolt projected or retracted by key outside or thumbturn inside
- \* Latch bolt and dead bolt are independent of each other



## **CLASSROOM SECURITY INTRUDER DEAD bolt Lock**

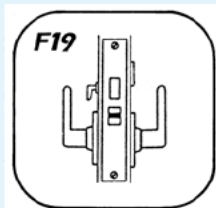
**Model No.: M 2433**

- \* Latch bolt retracted by outside lever unless outside lever is locked by key from inside or outside
- \* Dead bolt projected or retracted by key outside
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously, and unlock outside lever
- \* Inside lever is always free for immediate exit





ANSI



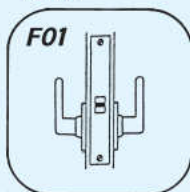
**Privacy Bedroom or Bath Lock**

**Model No.: M2419**

- \* Latch bolt retracted by lever from either side
- \* Dead bolt projected or retracted by inside thumb turn
- \* Projecting dead bolt locks outside lever
- \* Operating inside lever retracts both dead bolt and latch bolt simultaneously, and unlock outside lever
- \* Removing outside Emergency Release retracts dead bolt (i.e. to remove a round plate as shown from outside, then insert a Philips tip screwdriver into access hole and rotate to unlock door)
- \* Inside lever is always free for immediate exit



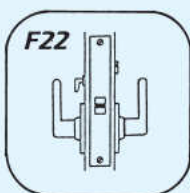
ANSI



**PASSAGE LATCH**

**Model No.: M1001**

- \* Latch bolt retracted by lever from either side at all times
- \* Inside lever is always free for immediate exit



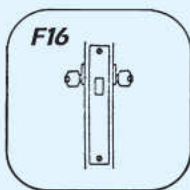
**Privacy Bedroom or Bath Lock**

**Model No.: M1022**

- \* Latch bolt retracted by lever from outside unless outside lever is locked by inside thumbturn
- \* Operating inside lever retracts latch bolt and unlocks outside lever
- \* Removing outside Emergency Release unlocks outside lever
- \* Turning inside thumbturn locks and unlocks outside lever
- \* Inside lever is always free for immediate exit



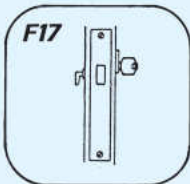
ANSI



### DEAD LOCK—DOUBLE CYLINDER

**Model No.: M 1416**

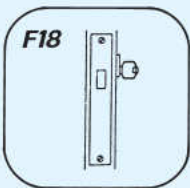
- \* Dead bolt projected or retracted by key from either side



### DEAD LOCK—CYLINDER & THUMBTURN

**Model No.: M 1417**

- \* Dead bolt projected or retracted by key outside or thumbturn inside



### DEAD LOCK—SINGLE CYLINDER

**Model No.: M 1418**

- \* Dead bolt projected or retracted by key from outside
- \* No trim on opposite side

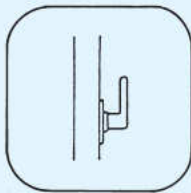


### CLASSROOM DEAD LOCK

**Model No.: M 1429**

- \* Dead bolt projected or retracted by key from outside
- \* Inside thumbturn cylinder retracts dead bolt but cannot project it

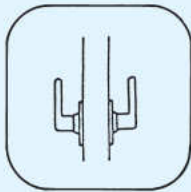
(Original listed model no.: M1463)



### Single DUMMY TRIM

#### Model No.:M0071

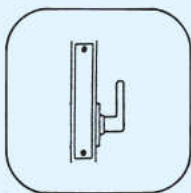
- \* Lever on one side fixed by mounting bar, it is always rigid
- \* Lever only used as door pull



### Double DUMMY TRIM

#### Model No.:M0072

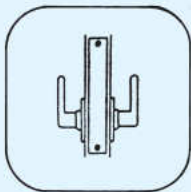
- \* Lever on both sides fixed by mounting bar and are always rigid
- \* Lever only used as door pull



### Single DUMMY TRIM WITH LOCK CASE

#### Model No.:M0075

- \* Lever on one side fixed on door surface, it is always rigid
- \* Includes lock case and armor faceplate



### Double DUMMY TRIM WITH LOCK CASE

#### Model No.:M0076

- \* Lever on both sides fixed on door surface and are always rigid
- \* Includes lock case and armor faceplate



# ELECTRIFIED MORTISE LOCKS

## Applications:

Security and restricted access areas in cashier rooms, computer rooms, hospital equipment, engineering rooms, laboratories, radar control rooms, telephone equipment rooms, narcotics rooms and any security control centers.

## Regulating Devices:

This lock can be used by keypad access controls, access card readers, security consoles, automatic time devices and computerized controls.

*All installations should be in accordance with your local electrical codes or National Electrical code NFPA70 in USA.*

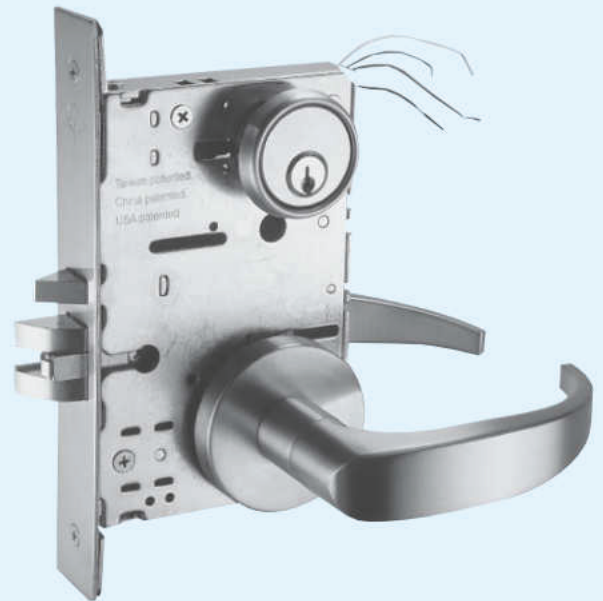
## Electrical Requirements:

Voltage: 12VDC or 24VDC

Current: 0.3A at 24VDC or 0.6A at 12VDC

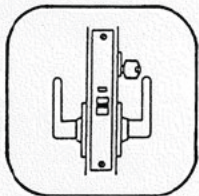
Operation Temperature: Max. +140°F (+60°C), Min. -22°F (-30°C)

Replacement Kit: 1632-PT Solenoid



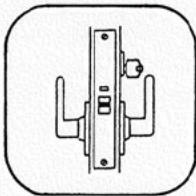
## Electrified Functions:

2081EL



Fail Safe:  
Power ON locks  
outside lever

2081EU

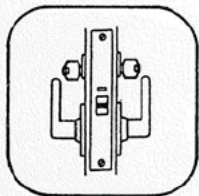


Fail Secure:  
Power ON unlocks  
outside lever

### Electrically Locked (Fail Safe), Model No. 2081EL Electrically Unlocked (Fail Secure), Model No. 2081EU

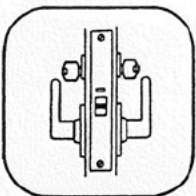
- 2081EL – Power ON, outside lever is locked continuously by solenoid
- 2081EU – Power ON, outside lever is unlocked by solenoid
- Key outside retracts latch bolt when outside lever is locked
- Outside lever retracts latch bolt except when outside lever is locked
- Inside lever is always free for immediate egress
- Auxiliary latch deadlocks latch bolt when door is closed

2082EL



Fail Safe:  
Power ON locks  
both levers

2082EU



Fail Secure:  
Power ON unlocks  
both levers

### Electrically Locked (Fail Safe), Model No. 2082EL Electrically Unlocked (Fail Secure), Model No. 2082EU

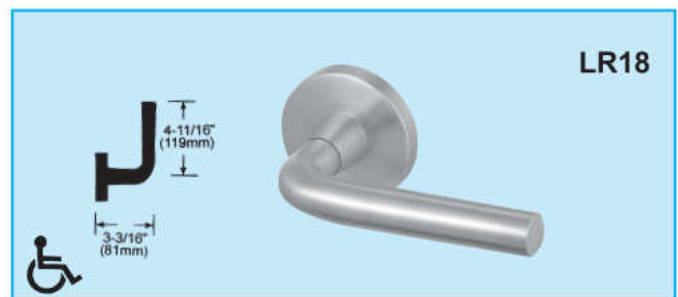
- 2082EL – Power ON, both levers are locked by solenoid simultaneously
- 2082EU – Power ON, both levers are unlocked by solenoid simultaneously
- Key on either side retracts latch bolt when both levers are locked
- Lever from either side retracts latch bolt except when both levers are locked
- Lever cannot be locked separately, only together
- Auxiliary latch deadlocks latch bolt when door is closed

**CAUTION:** Double cylinder locks are not recommended to use on any door in any building for life safety for the egress in case of emergency.



# LEVER TRIMS

## ROSE DESIGN



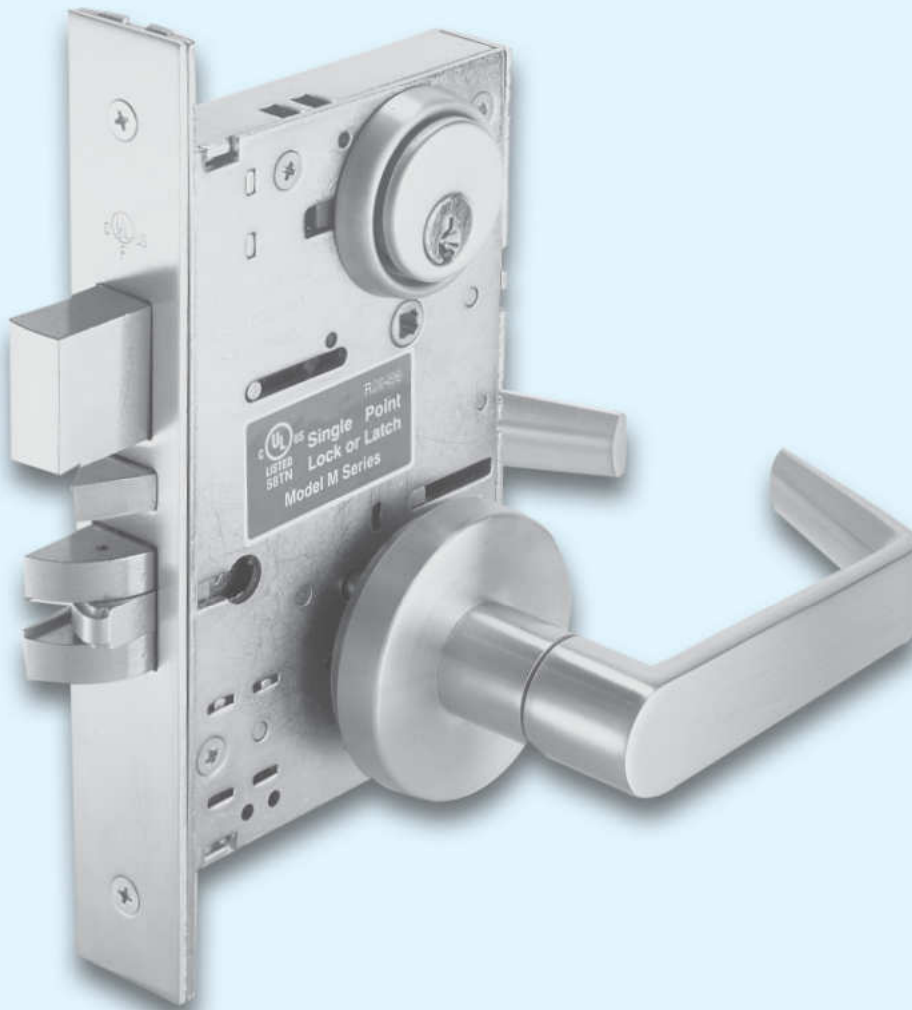
## Lever Material

Lever type	Lever material options
No. 01	Forged brass or bronze, cast stainless steel, or cast zinc alloy *
No. 05	Forged brass or bronze, cast stainless steel, or cast zinc alloy *
No. 13	Forged brass or bronze, cast stainless steel, or cast zinc alloy *
No. 17	Forged brass or bronze, cast stainless steel, or cast zinc alloy *
No. 02	Hollow/solid tube, extruded or cast stainless steel
No. 18	Hollow tube, extruded stainless steel

- Lever type No. 01, 02, 17 meet California State Fire Marshall Standard.
- Lever costs vary depending upon material used. When asking a quote, please indicate your material choice: Forged Brass/Bronze (BR), Cast Stainless Steel (SS), Cast Zinc Alloy (ZA).
- All lever trims and knob trims are available in the finishes: US3, US4, US10, US10B, US26, US26D, US32, US32D. Special finish request is workable, but MOQ per ordered shipment is required.
- If a complete unit of mortise lock is ordered, the escutcheon design of both lever and knob trims does not use a cylinder guard as the cylinder is protected by escutcheon. The cylinder guard is just used for the rose design of both lever and knob trims, but it is not a included part. Details see page 23.

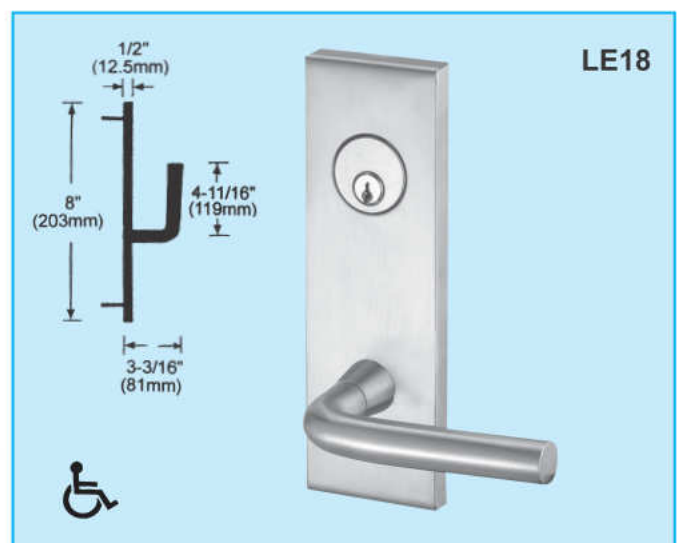
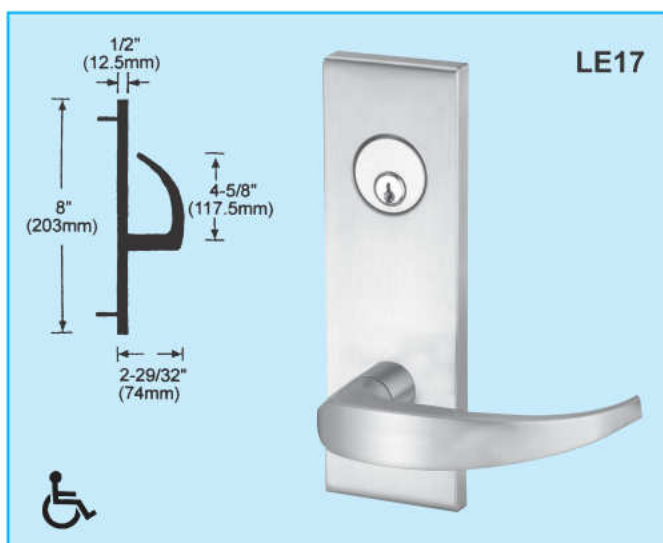
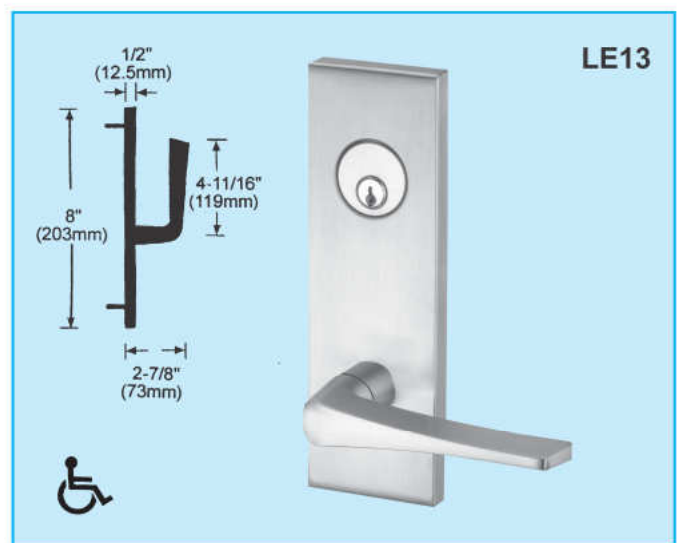
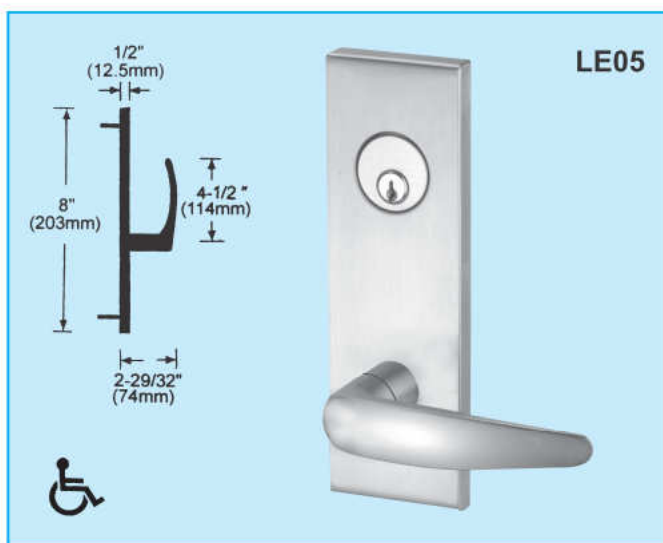
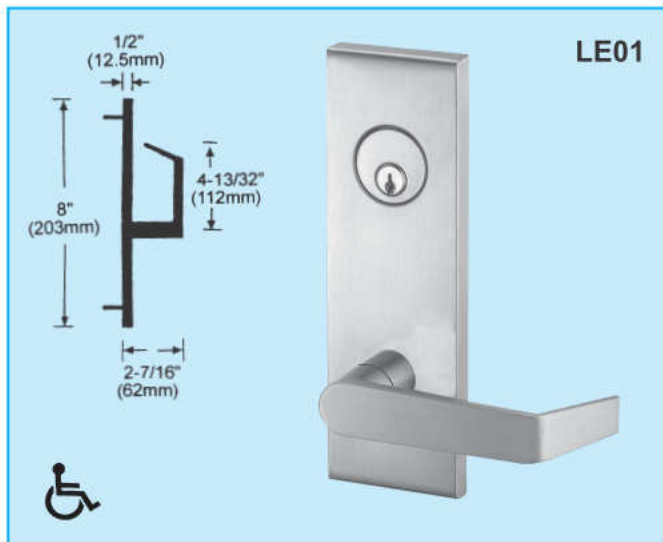
## Mortise Lock with Rose & Lever Trim

Trim Type No. LR01



This Mortise Lock is model number M3485-LR01 Entrance Lock shown, which is coupled with round rose trim and lever type no. 01. It is available in all BHMA finishes.

## L ESCUTCHEON DESIGN - Wide Style



## Mortise Lock with Escutcheon & Lever Trim

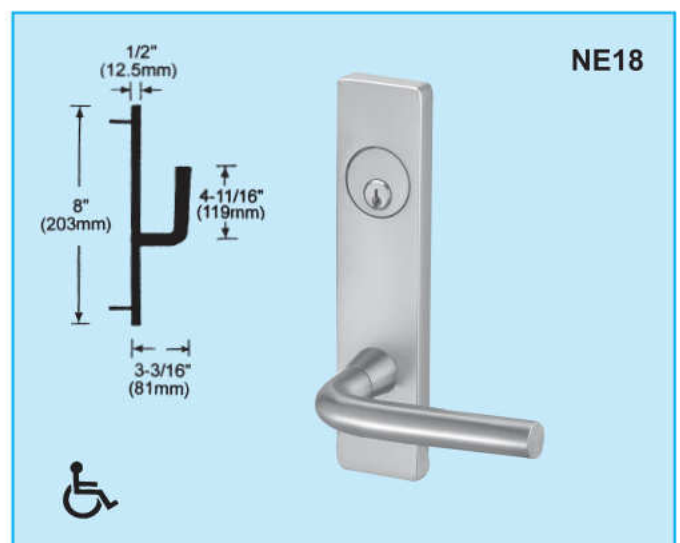
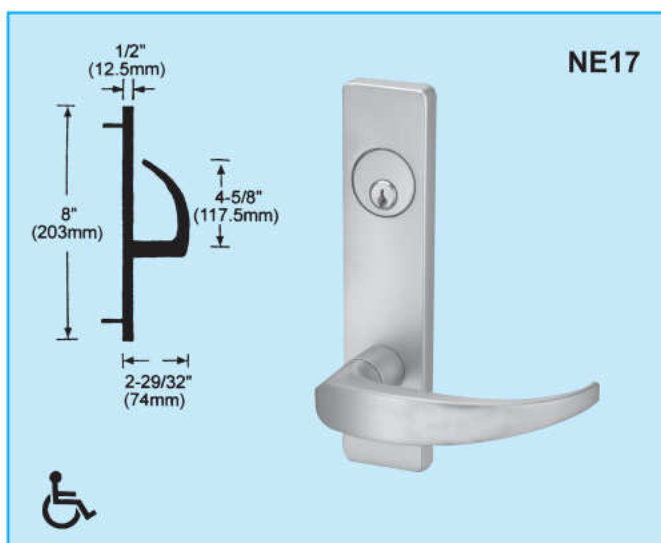
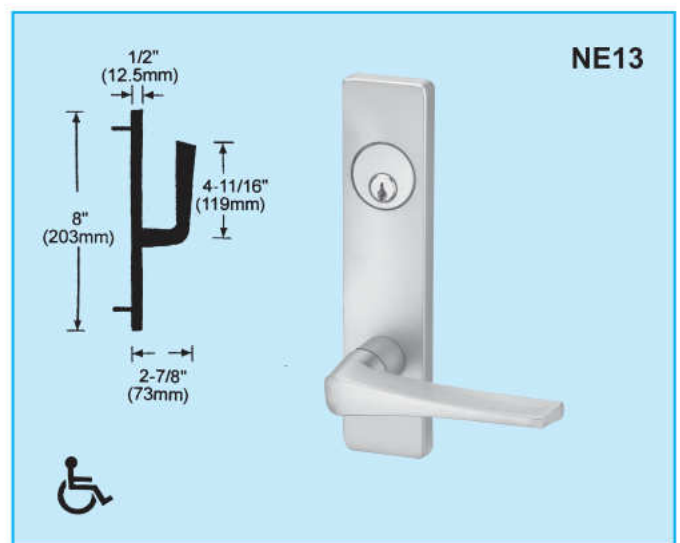
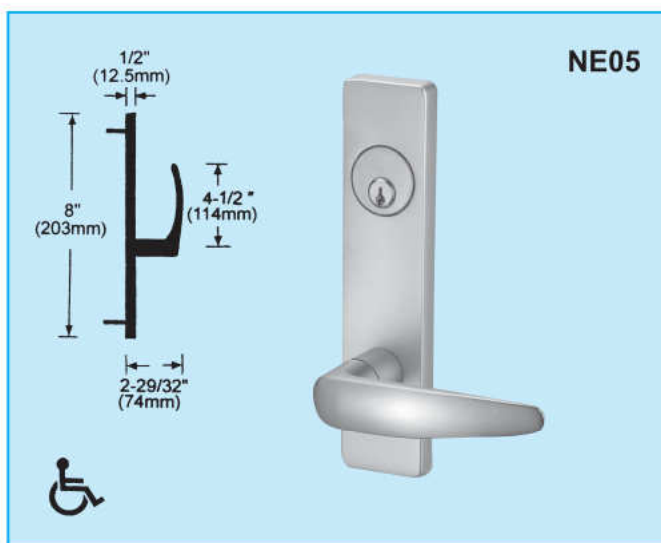
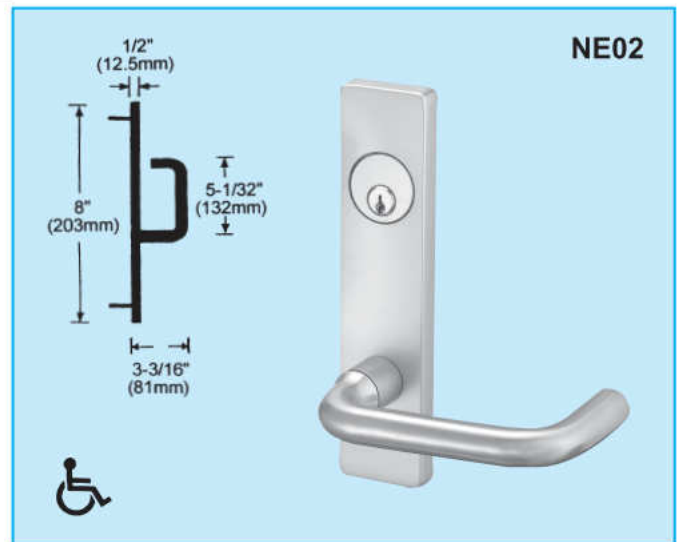
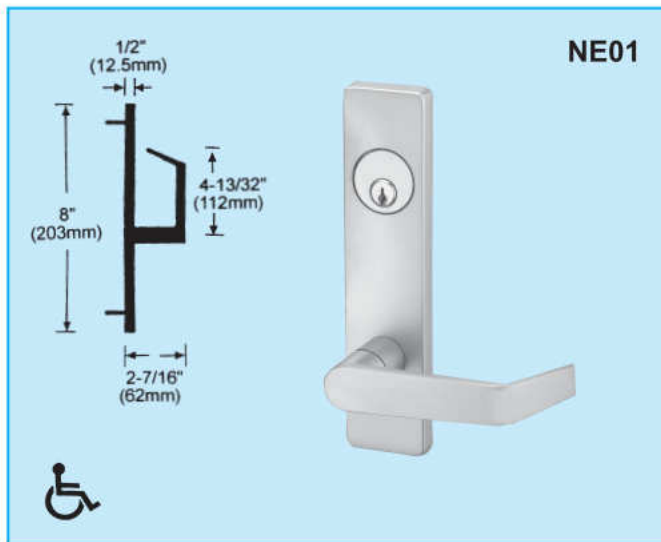
Trim Type No. LE02



This Mortise Lock is model number M4486-LE02 All Purpose Lock shown, which is coupled with wide escutcheon trim and lever type no. 02. It is available in all BHMA finishes.



## N ESCUTCHEON DESIGN - Narrow Style



## Mortise Lock

with Escutcheon & Lever Trim

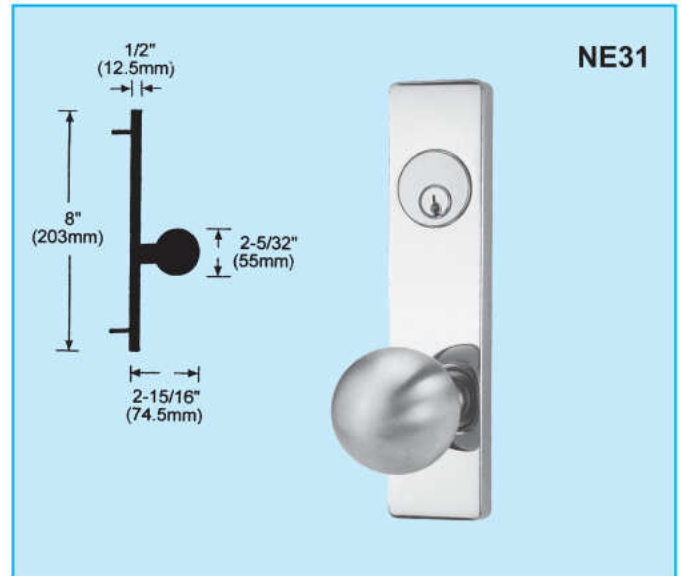
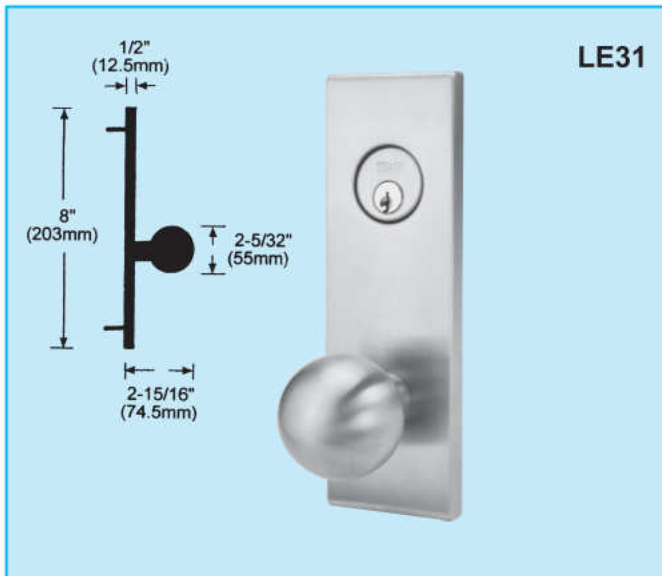
Trim Type No. NE05



This Mortise Lock is model number M2413-NE05 (F13) Dormitory or Exit Lock shown, which is coupled with narrow escutcheon trim and lever type no. 05. It is available in all BHMA finishes.

# KNOB TRIMS

## ESCUTCHEON DESIGN



## ROSE DESIGN



### Trim Material

#### L Escutcheon Type

100% stainless steel, Wrought forming

#### N Escutcheon Type

Cold forged brass or bronze, Cast forming

#### Knob Type

100% stainless steel, Forming by deep drawing press

#### Round Rose

Brass, bronze, or stainless steel,  
Wrought forming

### Trim Feature

1. Our mortise lock is coupled with clutch freewheeling trim that is designed for areas where are susceptible to vandalism including schools, universities, multi – tenant buildings, apartments, athlete's locker rooms at indoor stadiums and gymnasiums, or other public buildings.
2. The clutch freewheeling design allows the outside lever to swing freely and down to 45°. The outside lever rotates when the door is locked preventing excessive or abusive force from being applied to the lever trim. This advantage can eliminate resetting the trim after vandalism attempts because the lever returns to its original position automatically, also it can decrease the lever handle to be broken and damaged.



## ROSE, ESCUTCHEON, AND THE OTHERS



### 120 ROUND ROSE

2-7/16" (62mm) diameter,  
13/32" (10mm) projection,  
Wrought stainless steel  
Specify finish when ordering



### 211 SPRING CAGE

Round design, use for  
L Escutcheon trim,  
Cast zinc housing.  
Zinc plated



### 132 THUMBTURN

Base: 1-23/32" (43.7mm) diameter  
Turnpiece: 1-9/16" (39.8mm) long  
Material: stainless steel  
Specify finish when ordering



### 212 SPRING CAGE

Square design, use for  
N Escutcheon trim,  
Cast zinc housing  
Zinc plated



### 146 EMERGENCY RELEASE

Base: 1-23/32" (43.7mm) diameter  
Material: stainless steel  
Specify finish when ordering



### 250 CYLINDER GUARD

1-23/32" (44mm) diameter,  
9/32" (7.3mm) projection,  
Standard for 1-1/8" (28mm)  
mortise cylinder use.  
Wrought stainless steel



### N ESCUTCHEON

Material: Cold forged brass,  
bronze  
Size: 8" x 1-27/32" x 1/2"  
(203mm x 46.5mm x 12.5mm)  
Finishes: US3, US4, US10, US10B,  
US26, US26D, US32, and  
US32D



### 252 CYLINDER GUARD

1-11/16" (43mm) diameter,  
7/16" (10.9mm) projection.  
Available for use with 1-3/8"  
(35mm) mortise cylinder use  
Material: Cast zinc alloy  
Order separately



### L ESCUTCHEON

Material: Wrought stainless  
steel  
Size: 8" x 2-9/16" x 1/2"  
(203mm x 65mm x 12.5mm)  
Finishes: US3, US4, US10, US10B,  
US26, US26D, US32, and  
US32D



### 255 CYLINDER GUARD

1-25/32" (45mm) diameter,  
21/32" (17mm) projection.  
Available for more longer  
mortise cylinder use.  
Material: Cast zinc alloy,  
Order separately



### 210 SPINDLE

Material: square steel  
Finish: Rust-resistant zinc  
dichromate plated



### 258 WAVE SPRING

Used with cylinder guard as  
spacer; included with above  
cylinder guards when ordering

#### NOTE:

When ordering the ancillary parts such as cylinder guards, round rose, thumbturn, emergency release plate, and escutcheons, must specify finish. All these parts are available in US3, US4, US10, US10B, US26, US26D, US32, US32D.

## CYLINDERS

### STANDARD MORTISE CYLINDER



No. 526 1-1/8" (29mm)  
No. 527 1-1/4" (32mm)

Material:  
Cylinder body: Solid brass  
Cylinder face: Brass or stainless steel  
Cylinder cam is comparable with Schlage L583-254 as shown.



Schlage Cam  
L583-254

Face finishes:  
US3, US4, US10, US10B, US26, US26D  
US32, US32D

### INTERCHANGEABLE CORE (IC) CYLINDER



No. 206 6-pin 1-1/4" (32mm)  
No. 208 7-pin 1-3/8" (35mm)

Face finishes:  
US3, US4, US10, US10B, US26, US26D  
US32, US32D



This interchangeable core (IC) cylinder offers immediate rekeying at door simply by using the special "control key" to replace the core in seconds, it is unnecessary to remove a cylinder.

To order IC cylinder less core, add suffix **NIC** with the item number such as 208NIC

• Above cylinders can be masterkeyed and grand masterkeyed, construction keying is also available.

### INTERCHANGEABLE CORE ONLY



No. 106 6-pin  
No. 108 7-pin

Available US4 (606), US26D (626) finish only.

This core is compatible with cylinder manufacturers such as Falcon, Best Arrow, and Schlage. Cams are easily changeable.

### THUMBTURN CYLINDER



No. 522 RH (Right Hand)  
No. 523 LH (Left Hand)

This cylinder is for classroom function and deadlocks use. It is handed. The cylinder furnished with Schlage cam # L583-254. 1-1/8" length standard. Specify finish when ordering

## STRIKE & ARMOR FACEPLATE

### CURVED LIP STRIKE (STANDARD)



No. 617

Material: 100% stainless steel, brass

Finishes: US3, US4, US10, US10B  
US26, US26D, US32, US32D

This strike is not available to use on the double doors with overlapping astragal. If so, specify to change the plain strike when ordering.

### PLAIN STRIKE



No. 618

Material: 100% stainless steel, brass

Finishes: US3, US4, US10, US10B  
US26, US26D, US32, US32D

This strike is for deadlocks (F16, F17, F18) and classroom (F29) function use, or double doors with overlapping astragal use.

### STRIKE BOX

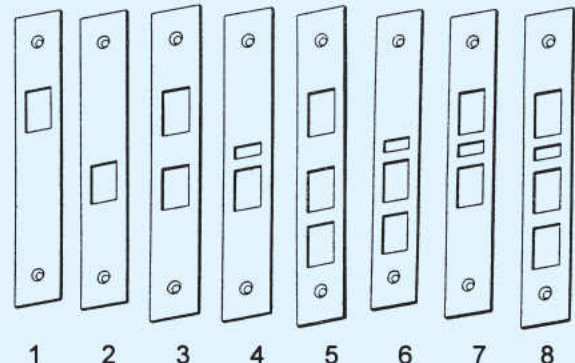


No. 215

Plastic material with blank finish  
Mounting face: L 4-3/4" x W1-3/16"  
(121mm x 30.5mm)

### ARMOR FACEPLATE

Material: 100% stainless steel, brass



Specify part numbers when ordering separately. See following chart for the part numbers:

Item	Part No.	ANSI Functions or model No.
1	621	F16, F17, F18, F29
2	622	F01, F22
3	623	F13, F14, F19, F21, F33
4	624	F05, F07, F09, F30, F32
5	625	F11, F20
6	626	F04
7	627	F15, M3485, F34
8	628	M4486

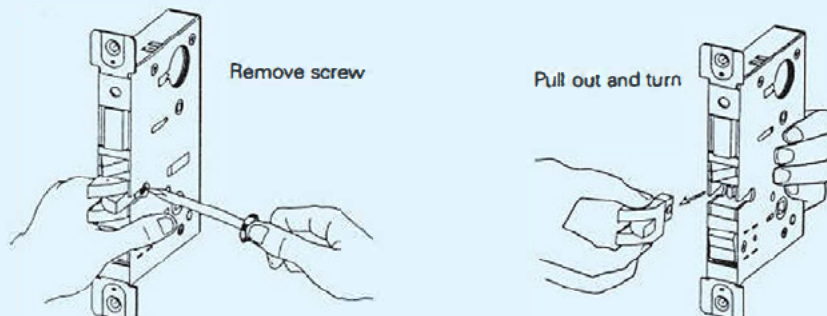


## DOOR HANDING

The hand of our heavy-duty mortise lock can be re-handed by seller or installer quickly and easily without opening the lock body. Just two simple steps are required to change the hand of our mortise lock as follows. This feature allows the buyers and every distributor to order it as stock and customize the handing to meet each order's requirement.

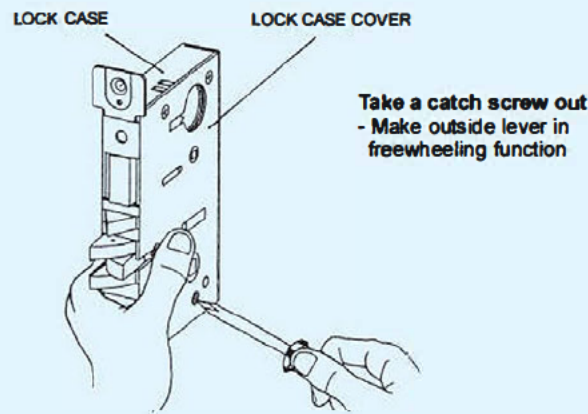
### 1. Change latch bolt handing

If the hand of latch bolt does not match door hand, remove fixing screw and pull latch bolt out from lock case, then turn complete unit having the bevel of latch bolt to reverse door handing. Position latch bolt and fasten it.

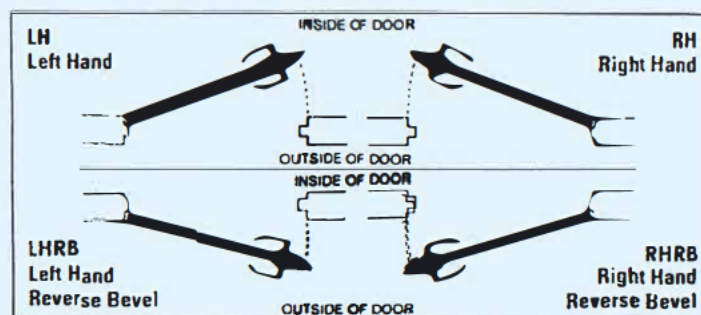


### 2. Set outside hand of chassis (lock case set)

There are two catch screws of lock hand on both sides of chassis. Take catch screw out from one side of chassis which is going to face outside of door. And another catch screw must always be on *inside* of the chassis. For RH and RHRB, the catch screw will be on the *lock case* side. For LH and LHRB, the catch screw will be on the *lock case cover* side.



## LOCK HANDING

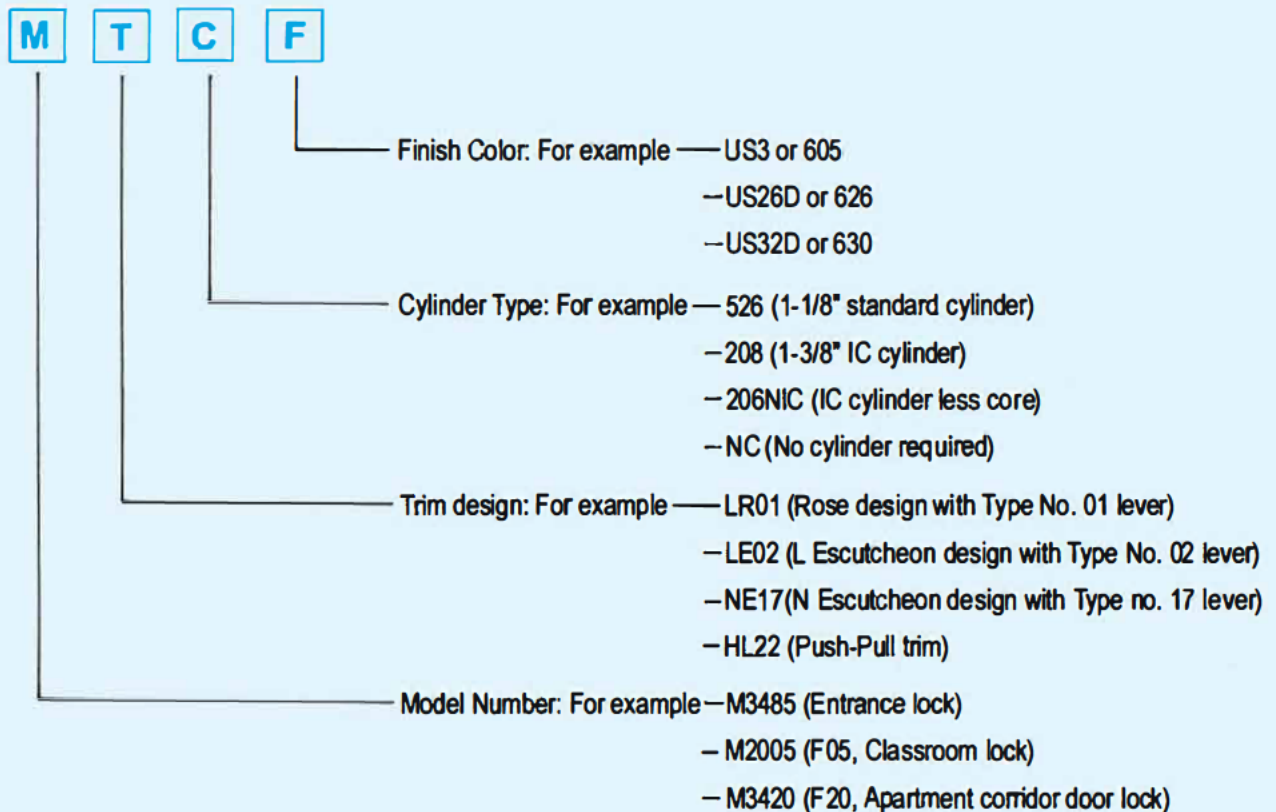


Door hand is determined by door swing when viewed from outside or corridor side of door.



## HOW TO ORDER INFORMATION

1. To order the mortise locks, simply specify your desired models as shown:



### The examples of ordered model numbers:

M3485 – LR01 – 206 – US3 (or 605)  
M2005 – LE02 – 526 – US26D (or 626)  
M3420 – NE17 – NC – US32D (or 630)  
M2413 – HL22 – 526 – US32D (or 630)

2. Specify door thickness if other than 1-3/4" (44.5mm) standard door, a special longer spindle and mounting screws will be provided.
3. The armor faceplate of each lock is stamped "██████" logo along with letter " F " and UL symbol. Please note: if buyer does not want "██████" logo showing out, buyer has to specify "no brand" request when ordering.

## FINISH CLASSIFICATION

The finishes described in this catalog conform to U.S. Standard specifications. Shown here are the most common finishes along with corresponding American B.H.M.A. (Builders Hardware Manufacturers Association) designation, details see American National Standard ANSI/BHMA A156.18-2006.

U.S. Standard Designation	B.H.M.A. Code Number	Finish Description
US3	605	Bright Brass, clear coated
US4	606	Satin Brass, clear coated
US9	611	Bright Bronze, clear coated
US10	612	Satin Bronze, clear coated
US10B	613	Dark Oxidized Satin Bronze, oil rubbed
US15	619	Satin Nickel Plated, clear coated
US26	625	Bright Chromium Plated over nickel
US26D	626	Satin Chromium Plated over nickel
US32	629	Bright Stainless Steel
US32D	630	Satin Stainless Steel
US28	689	Aluminum Painted
US20A	690	Dark Bronze Painted

Note: BHMA Code Number should be different if the base material is changed.