

THASE[®]

MORTISE LOCKS

M Series Extra Heavy Duty Models

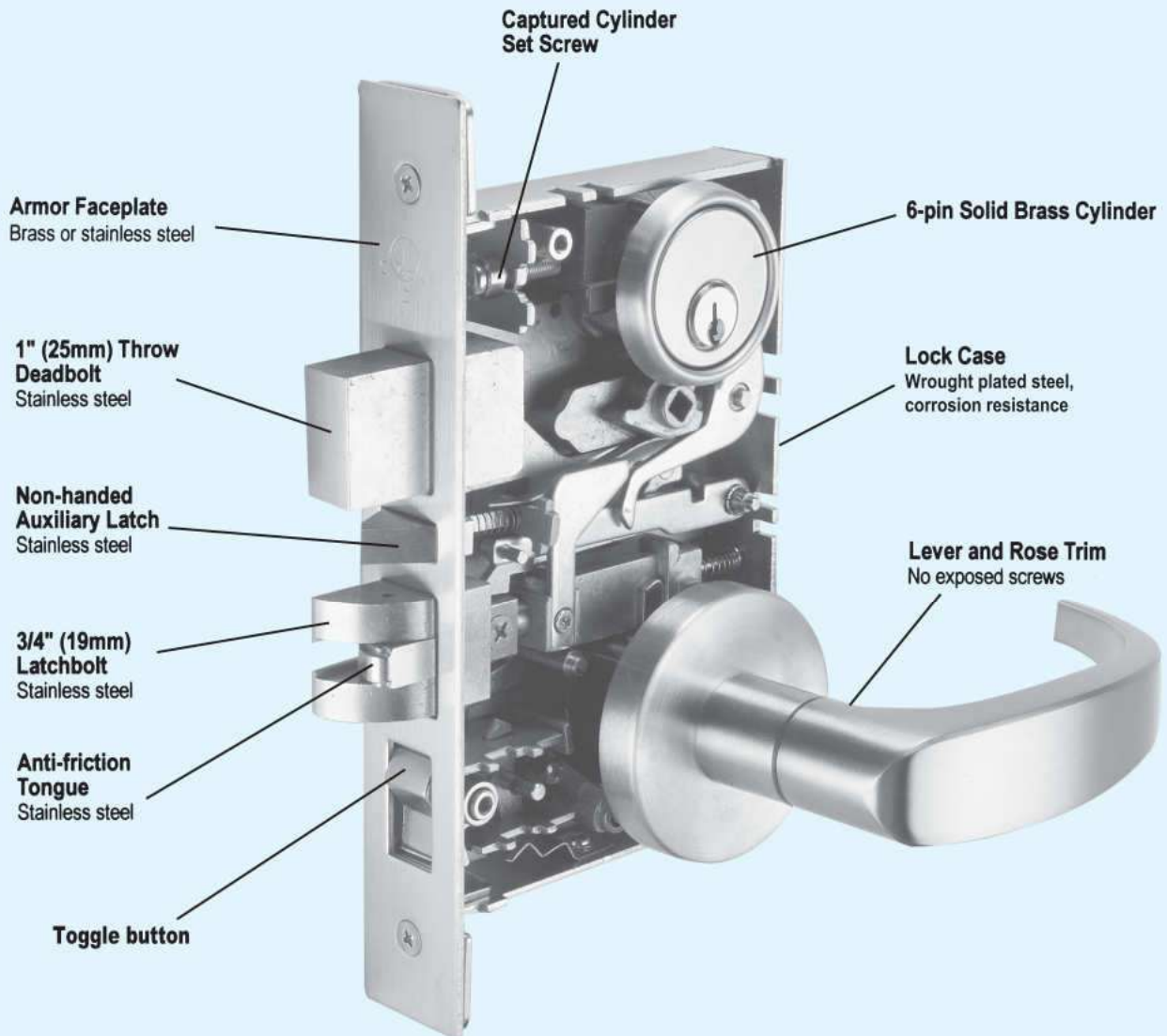


Architectural Hardware

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.

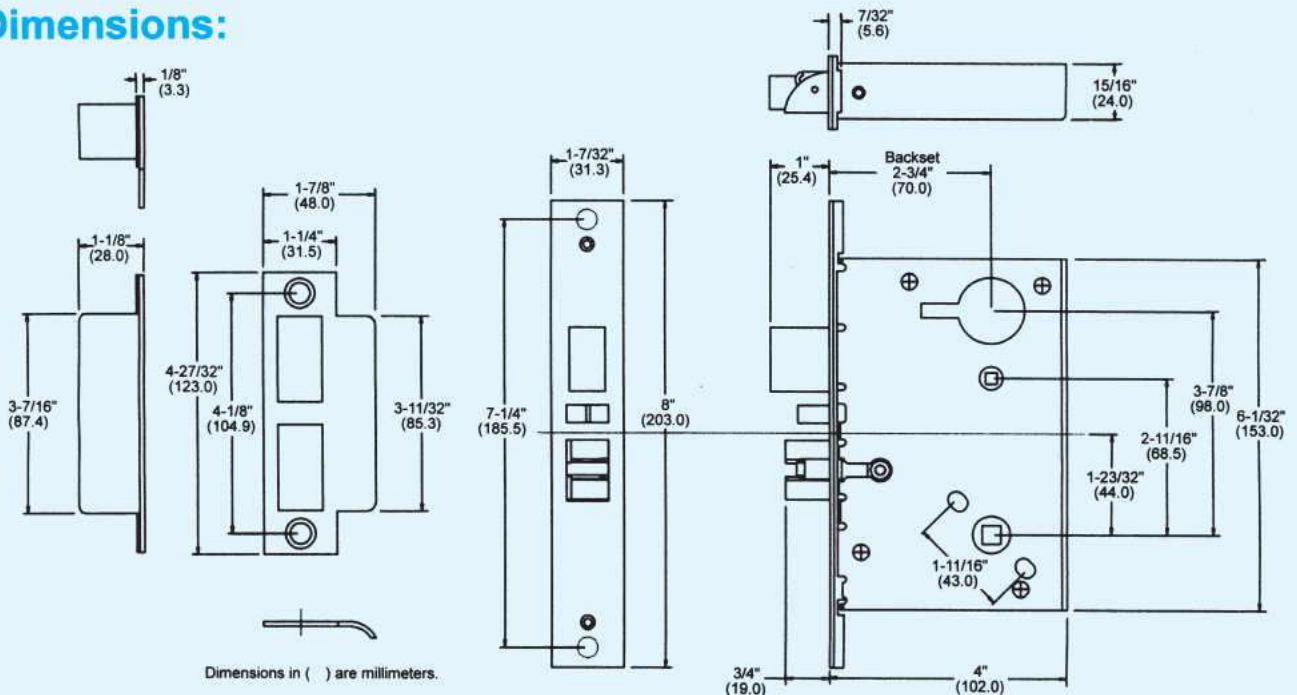
Specifications:

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

Certifications:

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

Dimensions:





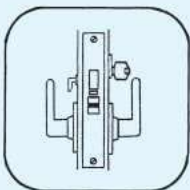
ANSI



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

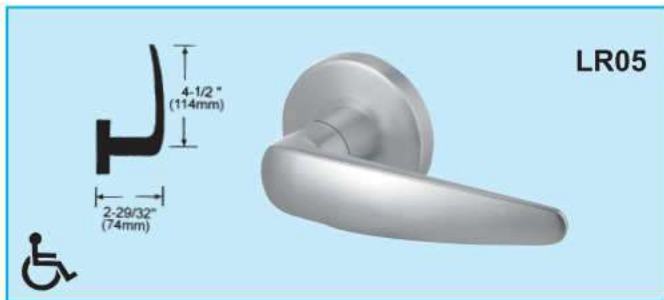
Model No.: M3485

- * 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)

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.

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

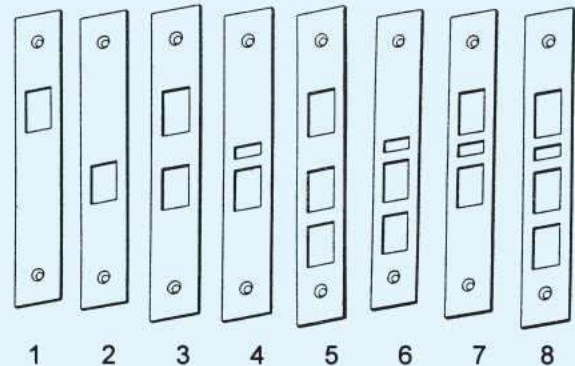


No. 215

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