

M9000 Series Grade 1 Mortise Locksets



Grade 1 Heavy-Duty Mortise Locksets

M9000 Series

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Lock Options

- 15 4-7/8" Non-Handed Strike
- 15 4-7/8" Handed Strike
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- 15 Occupancy Indicators

DORMA USA quality and environmental management systems in Reamstown/Leola, PA and Steeleville, IL are certified to ISO 9001:2008 and ISO 14001:2004.



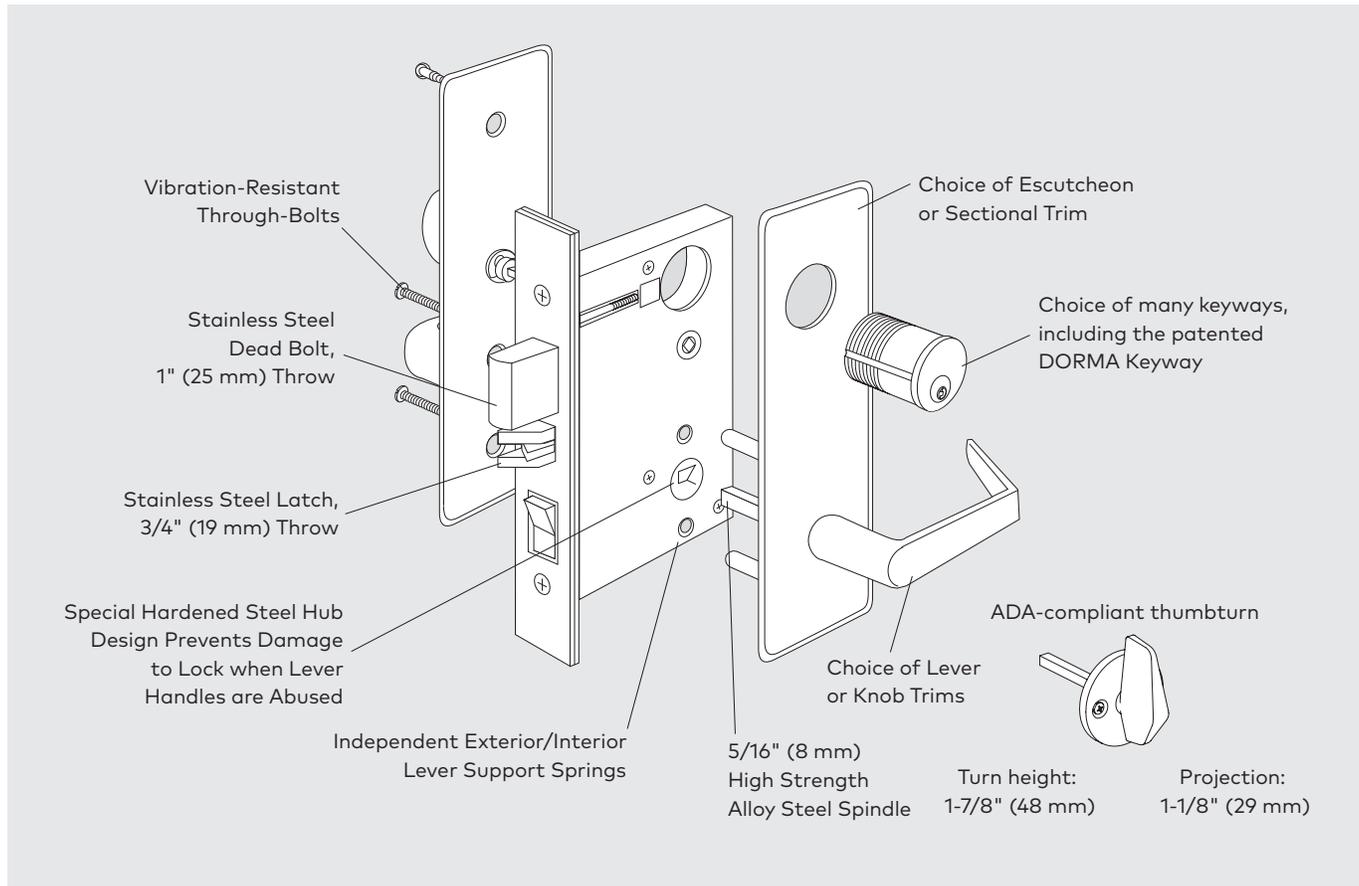
Intertek



Intertek



M9000 Series



Exceptional security, enhanced aesthetics, and rugged dependability.

These premium performance locksets are built with a heavy-duty mortise chassis for all applications where ANSI/BHMA A156.13 Grade 1 products are required. To meet the aesthetic needs of your project, these versatile locks are available in a range of lever and knob trim designs and finishes.

Features

- M9000 Series mortise locks feature advanced design concepts for extreme reliability and are manufactured with the finest materials for exceptional durability.
- M9000 locks provide a wide variety of functions and the most popular finishes.
- Special, high-strength springs and a positive stop eliminate unsightly sagging levers.
- Select components are manufactured with high-strength steel or stainless steel, providing an extremely strong, highly durable lock.

- Trims utilize 5/16" (8 mm) high-strength alloy steel spindles for extra durability.
- Levers, knobs, roses, and escutcheons are manufactured from brass, bronze, or stainless steel.
- All levers—solid cast/forged brass or stainless.
- All roses—wrought brass or stainless.
- Escutcheons—
H: cast/forged brass or stainless.
M: wrought brass or stainless.

Recommended Applications

Schools and Universities
Hotels
Apartments
Hospitals and Nursing Homes
Churches
Municipal Buildings
Airports
Retail Complexes
Offices
Warehouses

Technical Details

- Standard door thickness 1-3/4"–2-1/4".
- 2-3/4" backset.
- Stainless steel dead bolt for strength, durability, and saw resistance.
- Security spacer between inside and outside lever hubs in lock case protects lock from unauthorized entry and vandalism.
- Steel lock case and internal components provide additional strength.
- Pivoting face plate allows lock case to fit flat face, standard bevel, and reverse bevel door applications.
- Full length interlocking face plate supports both the latch and dead bolts against forced entry.
- Chassis can be easily handed in the field.

- All trim through-bolted through the lock case for positive alignment.
- Universal non-handed curve lip strike for all functions.
- Premium PVD (physical vapor deposition) finishes for consistent durable color.
- Accepts standard and interchangeable core cylinders.
- Meets California State Reference Code (formerly title 19, California State Fire Marshall standard). All levers with returns, return to within 1/2" (13 mm) of door face.

Certification/ Compliance

- Certified to A156.13 Series 1000, operational and security Grade 1.
- Meets A117.1 accessibility code and ADA requirements for barrier-free accessibility.
- UL listed 3 hour fire rated. Locks are listed for A label and lesser class doors.
- Hurricane code approved to Miami-Dade County Florida acceptance No. 15-0630.04 and 15-0630.05.



Antimicrobial Protected Coating Specify AM.

Special Finish Notes

ANSI/BHMA A156.18 standards describe 613 Dark Oxidized Satin Bronze finish as a category B finish. B category finishes, "do not match from one alloy or form of material to the next and from one manufacturer to the next." The 613 finish may vary between manufacturers' products and models.

In some instances, for customer convenience, the most appropriate BHMA finish symbols are used to indicate similarity of appearance, regardless of base metal or finishing process. Finishes of latches, strikes, cylinders/cores, and visible mounting screws, though similar in appearance, may differ from the finish of the trim. Finish designations in the 600 numbers are the BHMA (Builders Hardware Manufacturers Association) industry standard.

Cylinders & Keying

- Unless otherwise specified, cylinders will be provided in SC keyway with two (2) nickel silver keys.
- Optional patented key system available.

Warranty

For details, refer to **Limited Warranty** on our website at go.dormakaba.com/Terms-DA

Finishes

- Brass: 605 PVD (Bright) or 606 PVD (Satin)
- Bronze: 612 PVD (Satin) or 613 PVD (Dark Oxidized Satin)
- Nickel: 619 PVD (Satin)
- Chrome: 625 (Bright) or 626 (Satin)
- Stainless: 630 (Satin)
- Black: 622 PVD (Satin)

Security Screws

Torx® tamper-resistant screws are available for all exposed screws. Specify **TX**.



LT Lever with H Escutcheon



LR Lever with B Rose



KB Knob with B Rose

How to order M9000 Series locks

	Function ²
Privacy w/DB & Indicator	996
Faculty Restroom/Hotel w/DB & Indicator	986
Storeroom w/DB Single Cylinder	980
Classroom Intruder w/DB	974
Dormitory w/DB (F21)	973
Intruder Dead Bolt (F33)	968
Intruder Dead Bolt (F34)	967
Storeroom w/DB (F14)	966
Storeroom w/DB (F35)	958
Dormitory w/DB (F11)	957
Corridor w/DB (F13)	956
Entry w/DB (F20)	953
Privacy w/DB (F19)	940
Institution (F30)	082
Electrically Unlocked/Locked w/Double Locking	082EU/EL
Electrically Unlocked/Locked	080EU/EL
Storeroom (F07)	080
Classroom Intruder Latch Bolt with Indicator	072
Classroom Intruder Latch Bolt (F32)	071
Classroom (F05)	070
Apartment (F09)	060
Office/Entry (Alt F04)	053
Office/Entry (F04)	050
Privacy w/Indicator	046
Privacy w/Coin Turn	042
Privacy, Bedroom or Bath (F22)	040
Exit/Communicating Passage (F31)	025
Passage/Closet (F01)	010
Dummy Trim Two Sides	002
Dummy Trim One Side	001

- Indicator cannot be added to M9071 function. For intruder function with indicator, order M9072.
- Additional functions available. Detailed function descriptions begin on page 8.
- KB knob priced same as Premium lever.
- D Rose not available in 625 or 626.
- Available in 626 and 630 finishes only. Not available on 630 H escutcheon.
- Security Screws only available with 619, 625, 626 and 630 finishes.
- Standard door thickness is 1-3/4" (44 mm). Requirements for doors 1-13/16" (46 mm) and thicker can vary by trim and function. Consult factory for these special applications.
- Example shows default values. Refer to Lock Options section for full details.

Lever Design

Premium Lever	PREMIUM
Knob ³	KB
Lever	LT
Lever	LR
Lever	LN
Lever	LG
Lever	LD
Lever	LC

Finish

630	Satin Stainless
626	Satin Chrome
625	Bright Chrome
622 PVD	Satin Black
619 PVD	Satin Nickel
613 PVD	Dark Oxidized Satin Bronze
612 PVD	Satin Bronze
606 PVD	Satin Brass
605 PVD	Bright Brass

Door Thickness⁷

Strike Options⁸

Lip Length⁸

M9	953	D	LR	A	626			RH	134	5006	114	XXXX
Product Family Heavy Duty Grade 1 Mortise Lockset	Temporary SFIC	T		A	2-1/4" Dia. Rose	AM	TX	RH	Right Hand			
	SFIC (Less Core)	J		B	2-9/16" Dia. Rose			RHR	Right Hand Reverse			
	SFIC (With Core)	C		H	2-1/8" x 8-9/16" Escutcheon			LH	Left Hand			
	Less Cylinder	L		M	2-1/2" x 8" Escutcheon			LHR	Left Hand Reverse			
	Conventional Cylinder	D		D	2-9/16" Dia. Decorative Rose ⁴			Door Hand				
	Temporary Schlage LFIC	G						Security Screws⁶				
Schlage LFIC (Less Core)	R						Antimicrobial Coating⁵					
Schlage LFIC	F											
												See Next Page for Keying Options

How to order Keyways

Standard Keyways

Keying

- OBIT** — 0-Bitted
- CMK** — Construction Master Keyed
- MKD** — Master Keyed
- NSK** — Keyed Alike, Sets of 3 or More
- KA2** — Keyed Alike, Sets of 2
- KD** — Keyed Different

SC KD

- SC** — Schlage C
- SE** — Schlage E
- D100** — DORMA SKC

- AA** — Arrow A
- CA** — Corbin 60
- CB** — Corbin 67
- CC** — Corbin 77
- CD** — Corbin 59A1
- CE** — CorbinRusswin L4
- RA** — Russwin 981
- RB** — Russwin D1
- GA** — Sargent LA
- SF** — Schlage F
- YA** — Yale 8
- YG** — Yale GA

Retrofit Keyways Available 0-Bitted Only

Keyway

IC Keyways

Keying

- TMP** — Temporary Construction Core
- MKD** — Combined (Master Keyed)

BA MKD

- BA** — Best A
- BB** — Best B
- BC** — Best C
- BD** — Best D
- BE** — Best E
- BF** — Best F
- BG** — Best G
- BH** — Best H
- BJ** — Best J
- BK** — Best K
- BL** — Best L
- BM** — Best M
- BQ** — Best Q
- TB** — Best TB
- D100** — DORMA SKC (7-pin Core only)

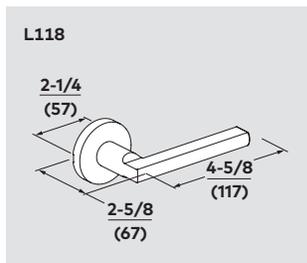
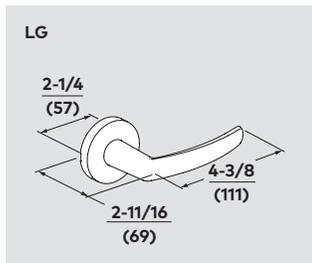
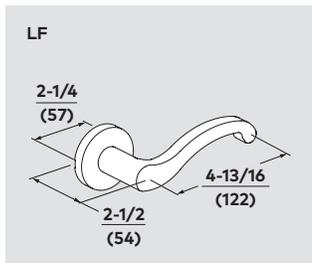
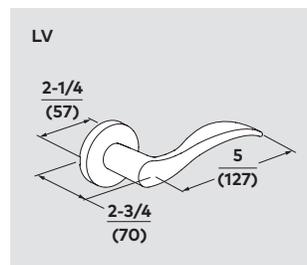
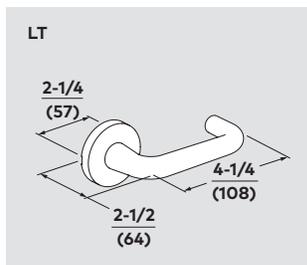
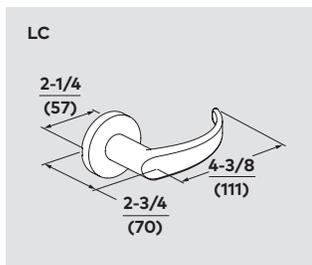
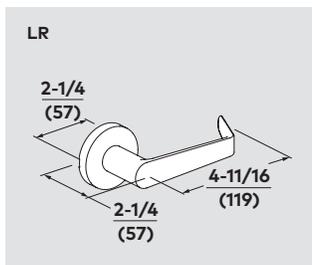
- BLK** — Black Construction Core
- BLU** — Blue Construction Core
- GRN** — Green Construction Core

Specify Color If Required to Match Existing Project

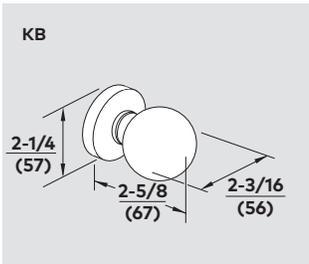
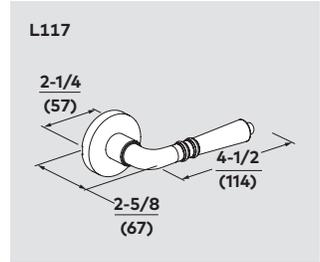
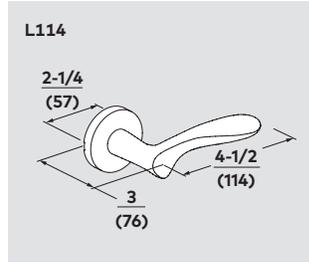
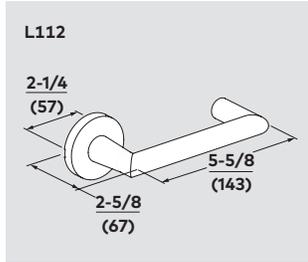
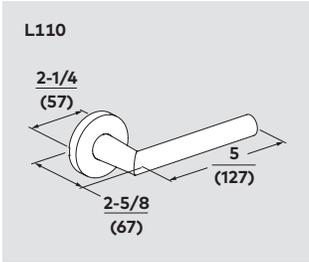
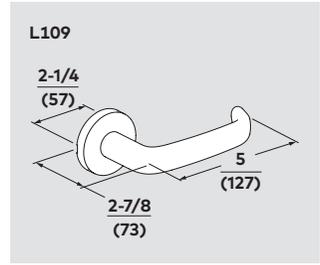
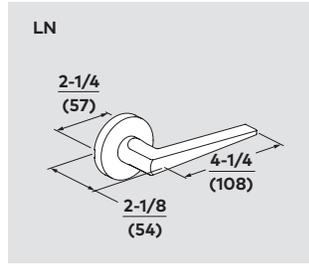
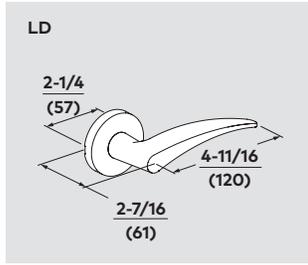
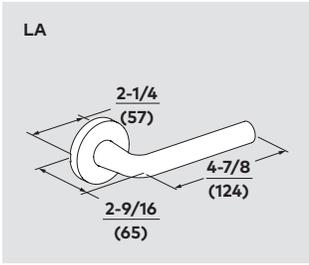
Keyway

Trim Options

Lever Options — Standard



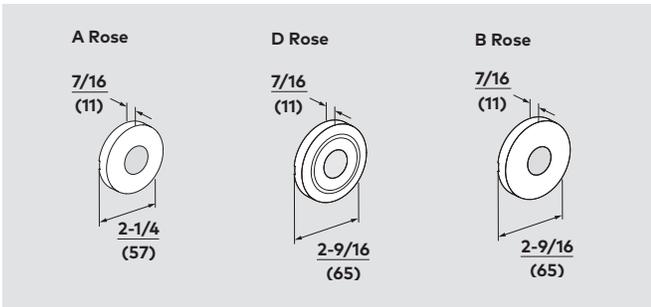
Lever Options — Premium



Trim Styles

All Finishes

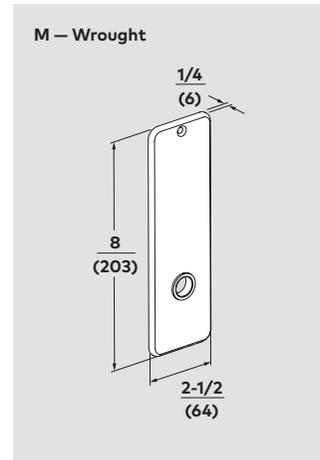
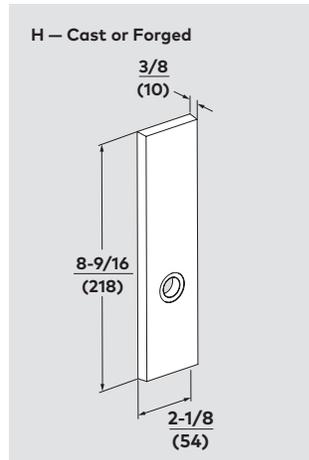
Wrought Roses



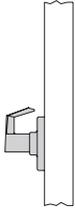
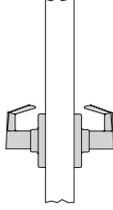
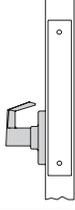
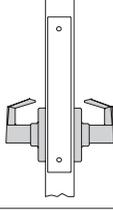
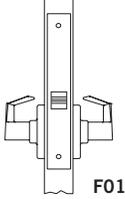
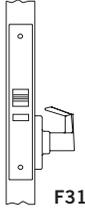
D Rose not available in 625/626 finishes.

NOTE: Levers with returns return to within 1/2" (13 mm) of the door face.

Escutcheons

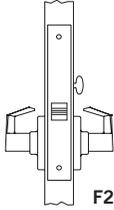
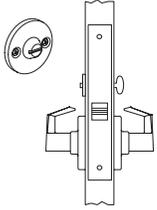
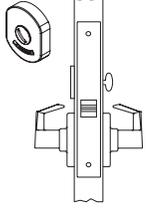
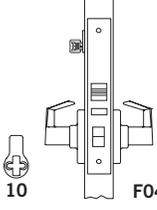
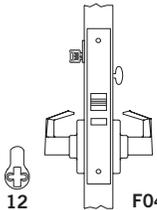
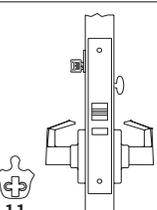
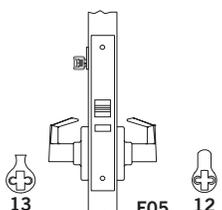


Functions

Function	Series	Outside/Inside	Description
Dummy Trim One Side	M9001		<ul style="list-style-type: none"> Used as pull or matching trim on pairs of doors.
Dummy Trim Two Sides	M9002		<ul style="list-style-type: none"> Used as pull or matching trim on pairs of doors.
Dummy Trim One Side	M9003 (w/lockcase)		<ul style="list-style-type: none"> Used as pull or matching trim on pairs of doors. Trim always rigid.
Dummy Trim Two Sides	M9004 (w/lockcase)		<ul style="list-style-type: none"> Used as pull or matching trim on pairs of doors. Trim always rigid.
Passage/Closet	M9010		<ul style="list-style-type: none"> Latch bolt operated by trim either side. <p>NOTE: Available with Request to Exit (RX), Latch Monitoring (LM) or both.</p>
Exit/Communicating Passage	M9025		<ul style="list-style-type: none"> Latch bolt operated by trim either side. Blank trim or no outside trim. Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Request to Exit (RX), Latch Monitoring (LM) or both.</p>

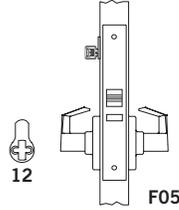
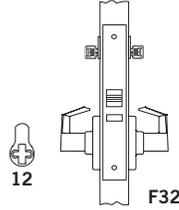
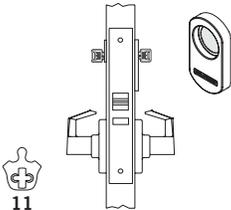
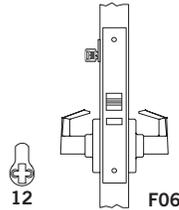
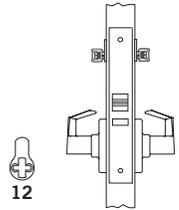
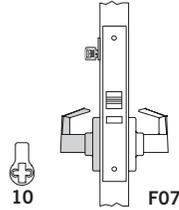
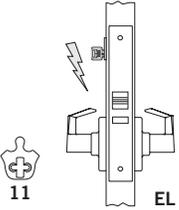


Indicates rigid lever.

Function	Series	Outside/Inside	Description
Privacy, Bedroom or Bath	M9040	 F22	<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by inside turn. When locked, outside trim unlocked by inside trim, by closing door, by rotating inside turn, or by emergency release.
Privacy with Coin Turn Outside	M9042	 F22	<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by inside turn or coin turn outside. When locked, outside trim unlocked by inside trim, by closing door, by rotating inside turn, or by rotating coin turn outside.
Privacy with Indicator	M9046	 F22	<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by inside turn. When locked, outside trim unlocked by inside trim, by rotating inside turn, or by coin turn outside. When outside trim is locked, "OCCUPIED" message is displayed. Latch bolt deadlocked when outside trim is locked.
Office/Entry	M9050	 F04 10	<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by stopworks. When outside trim locked, latch bolt retracted by key outside or operated by inside trim. Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Request to Exit (RX), Latch Monitoring (LM) or both.</p>
Office/Entry	M9053	 F04 12	<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by key outside or by inside turn. When outside trim locked, latch bolt retracted by key outside or by inside trim. Outside trim remains locked until inside turn rotated to unlocked position or unlocked by key. Auxiliary latch deadlocks latch bolt when door locked. <p>NOTE: Available with Latch Monitoring (LM).</p>
Office/Entry with Automatic Unlocking	M9056	 F04 11	<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by key outside or by inside turn. When outside trim locked, latch bolt retracted by key outside or by inside trim. Outside trim unlocked by key outside or by inside turn. Rotating inside trim simultaneously retracts latch bolt and unlocks outside trim. Auxiliary latch deadlocks latch bolt when door locked.
Apartment	M9060	 F05 13 12	<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by key inside. When outside trim locked, latch bolt retracted by key outside or by inside trim. Auxiliary latch deadlocks latch bolt.



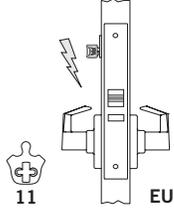
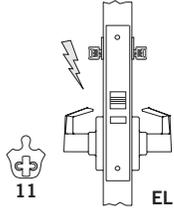
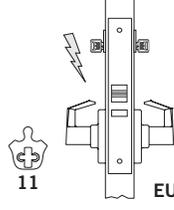
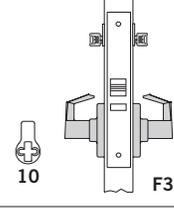
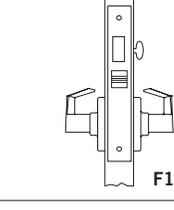
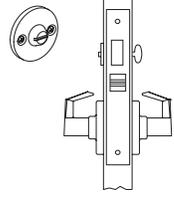
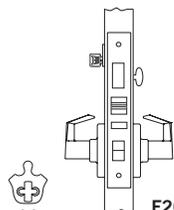
Indicates rigid lever.

Function	Series	Outside/Inside	Description
Classroom	M9070		<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by key outside. When outside trim locked, latch bolt operated by inside trim Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Latch Monitoring (LM).</p>
Classroom Intruder Latch Bolt	M9071		<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by key either side. When outside trim locked, latch bolt operated by key either side or by operating inside trim. Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Latch Monitoring (LM).</p>
Classroom Intruder with Indicator	M9072		<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by key either side. Key inside or outside locks outside trim. When outside trim locked, latch bolt operated by inside trim. Auxiliary latch deadlocks latch bolt. When outside trim locked, LOCKED message displayed inside. When outside trim unlocked, UNLOCKED displayed inside.
Holdback	M9076		<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by key outside. Latch bolt can be locked in a retracted position by key. When outside trim locked, latch bolt operated by key outside or trim inside, unless latch bolt locked in retracted position. Auxiliary latch deadlocks latch bolt. <p>NOTE: Not approved for use on UL fire listed applications.</p>
Holdback Double Cylinder	M9077		<ul style="list-style-type: none"> Latch bolt operated by trim either side, except when outside trim locked by key either side. Latch bolt can be locked in a retracted position by key. When outside trim locked, latch bolt operated by key outside or trim inside, unless latch bolt locked in retracted position. Auxiliary latch deadlocks latch bolt. <p>NOTE: Not approved for use on UL fire listed applications.</p>
Storeroom	M9080		<ul style="list-style-type: none"> Latch bolt retracted by key outside or operated by inside trim. Outside trim always rigid. Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Request to Exit (RX), Latch Monitoring (LM) or both.</p>
Electrically Locked Fail Safe	M9080EL		<ul style="list-style-type: none"> Outside trim locked when power is on. Outside trim unlocked when power is interrupted. Latch by key outside. Inside trim always unlocked. Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Request to Exit (RX), Latch Monitoring (LM) or both.</p>

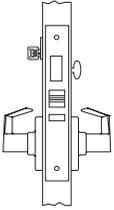
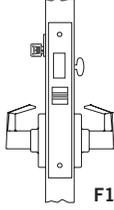
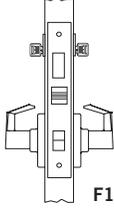
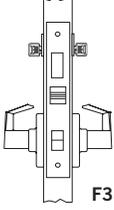
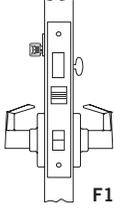
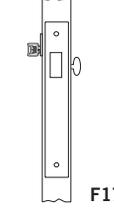
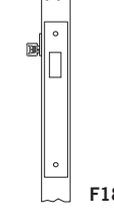


Indicates rigid lever.

CAUTION: Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing local codes only.

Function	Series	Outside/Inside	Description
Electrically Unlocked Fail Secure	M9080EU	 EU	<ul style="list-style-type: none"> • Outside trim unlocked when power is on. • Outside trim locked when power is interrupted. • Latch by key outside. . Inside trim always unlocked. • Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Request to Exit (RX), Latch Monitoring (LM) or both.</p>
Electrically Locked Fail Safe with Double Locking	M9082EL	 EL	<ul style="list-style-type: none"> • Outside and inside trim locked when power is on. • Outside and inside trim unlocked when power is interrupted. • Latch by key either side. • Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Request to Exit (RX) or Latch Monitoring (LM).</p>
Electrically Unlocked Fail Secure with Double Locking	M9082EU	 EU	<ul style="list-style-type: none"> • Outside and inside trim unlocked when power is on. • Outside and inside trim locked when power is interrupted. • Latch by key either side. • Auxiliary latch deadlocks latch bolt. <p>NOTE: Available with Request to Exit (RX) or Latch Monitoring (LM).</p>
Institution	M9082	 F30	<ul style="list-style-type: none"> • Latch bolt operated by key either side. • Auxiliary latch deadlocks latch bolt. • Trim both sides always rigid. <p>NOTE: Available with Latch Monitoring (LM).</p>
Privacy with Dead Bolt	M9940	 F19	<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when projected dead bolt locks outside trim and deadlocks latch. • Dead bolt operated by turn inside. • Dead bolt operated by emergency release outside. • Inside trim operates both bolts simultaneously and unlocks outside trim.
Privacy with Dead Bolt and Coin Turn Outside	M9942	 F19	<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when projected dead bolt locks outside trim and deadlocks latch. • Dead bolt operated by turn inside or coin turn outside. • Rotating outside coin turn retracts dead bolt and unlocks outside trim. • Inside trim operates both bolts simultaneously and unlocks outside trim.
Entry with Dead Bolt	M9953	 F20	<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when outside locked by stopworks. • Dead bolt operated by key outside or turn inside. • Key operates both dead bolt and latch bolt. • Inside lever operates both bolts; outside trim remains locked. • Latch bolt deadlocked when outside lever locked, or dead bolt projected. • When dead bolt retracted, outside trim unlocked by stopworks.

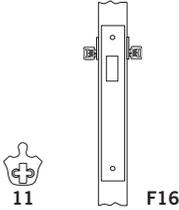
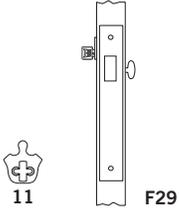
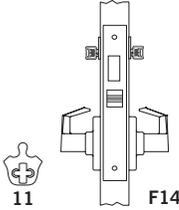
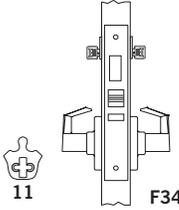
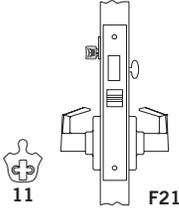
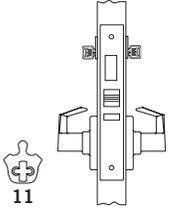
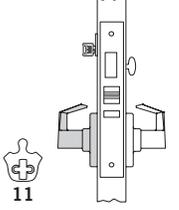
 Indicates rigid lever.

Function	Series	Outside/Inside	Description
Security Entrance	M9954	 	<ul style="list-style-type: none"> • Latchbolt operated by trim either side, except when outside trim locked by key outside or turn inside. • Dead bolt operated by key outside, turn inside and retracted by inside lever. • Key outside retracts deadbolt only — not latch. • Inside lever operates both bolts; outside trim remains locked until unlocked by key outside. • Deadlocking latch bolt.
Corridor with Dead Bolt	M9956	 	<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when projected dead bolt locks outside trim and deadlocks latch. • Dead bolt and latch retracted by key outside. • Dead bolt projected by turn inside or key outside. • Inside trim operates both bolts and unlocks outside trim.
Dormitory with Dead Bolt	M9957	 	<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when outside trim locked either by stopworks or projected dead bolt. • Dead bolt operated by key either side. • Dead bolt deadlocks latch bolt. • Inside trim operates both bolts simultaneously; outside trim remains locked.
Storeroom with Dead Bolt	M9958	 	<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when outside trim locked by stopworks. • Dead bolt operated by key either side. • Latch bolt operated by inside lever.
Dormitory/Exit with Dead Bolt	M9959	 	<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when outside trim locked either by stopworks or projected dead bolt. • Dead bolt operated by key outside or turn inside. • Dead bolt deadlocks latch bolt. • Inside trim operates both bolts simultaneously; outside trim remains locked.
Cylinder × Turn Dead Bolt (only)	M9960	 	<ul style="list-style-type: none"> • Dead bolt operated by key outside or by turn inside.
Cylinder × Blank Dead Bolt (only)	M9961	 	<ul style="list-style-type: none"> • Dead bolt operated by key outside only.



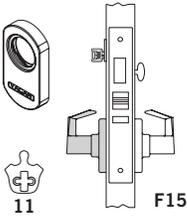
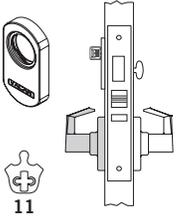
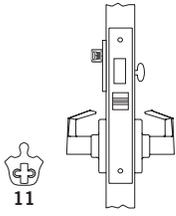
Indicates rigid lever.

CAUTION: Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing local codes only.

Function	Series	Outside/Inside	Description
Cylinder x Cylinder Dead Bolt (only)	M9962		<ul style="list-style-type: none"> • Dead bolt operated by key either side.
Classroom Dead Bolt (only)	M9963		<ul style="list-style-type: none"> • Dead bolt operated by key outside. • Turn inside retracts but does not project dead bolt.
Storeroom with Dead Bolt	M9966		<ul style="list-style-type: none"> • Latch bolt operated by trim either side. • Dead bolt operated by key either side.
Intruder Dead Bolt	M9967		<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when outside trim locked by key either side. • Dead bolt operated by key either side. • Inside trim operates both bolts and unlocks outside trim. • Latch bolt deadlocked when dead bolt thrown.
Dormitory with Dead Bolt	M9973		<ul style="list-style-type: none"> • Latch bolt operated by trim either side. • Dead bolt operated by key outside or by turn inside.
Classroom Intruder with Dead Bolt	M9974		<ul style="list-style-type: none"> • Latch bolt operated by trim either side, except when outside trim locked by projection of dead bolt. • Dead bolt projected or retracted by key either side. • Inside trim operates both bolts simultaneously; outside trim remains locked. • Key either side unlocks outside trim allowing latch bolt to be retracted by trim. • Auxiliary latch deadlocks latch bolt.
Storeroom with Dead Bolt	M9980		<ul style="list-style-type: none"> • Latch bolt operated by key outside or by trim inside. • Outside trim always rigid. • Dead bolt projected by key outside or by turn inside. • Inside trim operates both bolts simultaneously. • Auxiliary latch or dead bolt deadlocks latch bolt.



Indicates rigid lever.

Function	Series	Outside/Inside	Description
Faculty Restroom/ Hotel with Dead Bolt	M9985		<ul style="list-style-type: none"> • Latch bolt operated by key outside or trim inside. • Outside trim always rigid. • Latch bolt retracted by key outside. • Dead bolt projected by turn inside, and all keys, except emergency key, are shut out. • Inside trim operates both bolts simultaneously. • Auxiliary latch or dead bolt deadlocks latch bolt.
Faculty Restroom/Hotel with Dead Bolt and Indicator	M9986		<ul style="list-style-type: none"> • Latch bolt operated by key outside or trim inside. • Outside trim always rigid. • Latch bolt retracted by key outside. • Dead bolt projected by turn inside, and all keys, except emergency key, are shut out. • Inside trim operates both bolts simultaneously. • Auxiliary latch or dead bolt deadlocks latch bolt. • Indicator message reads OCCUPIED/VACANT or SECURED/UNSECURED.
Privacy with Dead Bolt and Indicator	M9996		<ul style="list-style-type: none"> • Latch bolt operated by trim either side. • Dead bolt operated by key outside (key required in the event of an emergency) or by turn inside. • Projecting dead bolt locks outside trim, deadlocks latch, and displays OCCUPIED message. • Inside trim operates both bolts simultaneously and unlocks outside trim. • Optional message SECURED/UNSECURED included.



Indicates rigid lever.

Electromechanical Options

Electromechanical Functions

- Electrically locked (fail safe).
- Electrically unlocked (fail secure).

Electrical Requirements for Solenoid Functions

- Voltage: 24 VDC regulated, filtered.
- Current: 0.21 A. UL and CUL listed for use on fire doors.
- Solenoids are rated for continuous duty.
 - Repeated operation at voltage exceeding +/-10% is not recommended.

Monitoring Options

Single pole double throw (SPDT) type C switches, rated 2 A @ 30 VDC

- RX** — Request-to-exit signaling switch.
- A single switch mounted internally in the lock body that provides independent monitoring of inside lever rotation.
 - Available on the following functions: M9010, M9025, M9050, M9080, M9080EL, M9080EU, M9082EL, M9082EU.

When ordering specify **RX**.

Example: M9010RX.

LM — Latch bolt monitor.

- A single switch mounted internally in the lock body signaling latch bolt position.
- Available on the following functions: M9010, M9025, M9050, M9053, M9070, M9071, M9080, M9082, M9080EL, M9080EU, M9082EL, M9082EU.

When ordering specify **LM**.

Example: M9080EULM.

RX and LM monitoring available on the following functions: M9010, M9025, M9050, M9080, M9080EL, M9080EU.

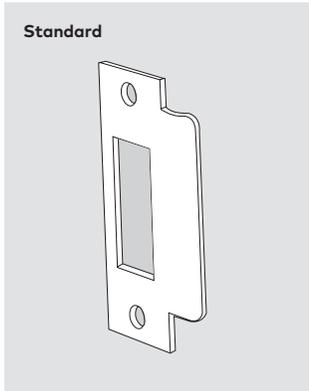
When ordering specify **RX LM**. Example: M9010RXLM.

NOTE:

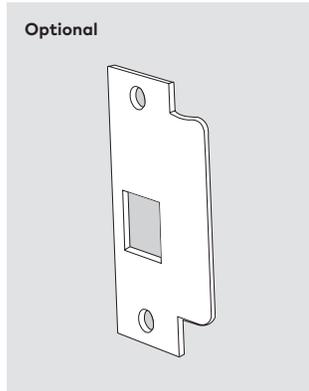
Opening the lock case or the replacement of the solenoid or switches in the field by non-authorized personnel voids UL label and lock warranty.

Lock Options

Lever Options — Premium



5006 — ANSI 1-1/4" x 4-7/8" curved lip strike. 1-1/4" lip length. Default non-handed strike for all M9000 Series lock functions. Strikes are available in the following lip lengths: 7/8", 1-1/2", 1-3/4", 2", and 2-1/4". Includes dust box.



5007 — ANSI 1-1/4" x 4-7/8" curved lip strike. 1-1/4" lip length. Optional handed strike for the following non-dead bolt functions: M9010, 9040, 9042, 9046, 9050, 9053, 9056, 9070, 9076, 9080, 9080EL/EU, 9060, 9071, 9077, 9082, 9082EL/EU. Includes dust box.

NOTE: Not approved for use on UL fire listed applications.

Tactile Warning (Knurling)



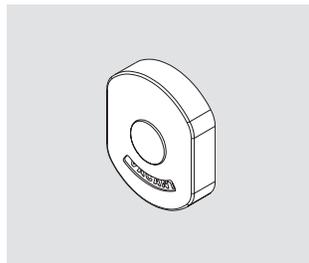
Grooved or knurled levers available on LR, LT and LG designs only. All other lever and knob designs available with abrasive coating only.

Occupancy Indicators

Occupancy indicators for M9000 Series with sectional trim are available for dead bolt applications where door status confirmation is required. Available keyed or non-keyed and can be used outside, inside, or on both sides of door. Emergency override on non-keyed available.



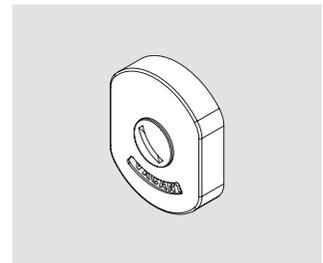
79019 — Indicator for rose trim used with cylinder, reading OCCUPIED/VACANT or SECURED/UNSECURED. Both readings supplied.



79020 — Indicator for rose trim used without cylinder, emergency access, reading OCCUPIED/VACANT



79021 — Indicator for rose trim used without cylinder, reading SECURED/UNSECURED. No emergency access. Used on inside of door with 79019 on outside.



79022 — Indicator with cointurn for rose trim used without cylinder, reading OCCUPIED/VACANT.

NOTES:

- Occupancy indicators are for use on 1-3/4"-2-1/8" thick doors. Consult factory for thicker door applications.
- Indicators will work on the following functions but may have unexpected operation on lock sets that remain locked when the dead bolt is retracted: M9046, 9056, 9940, 9942, 9953, 9956, 9957, 9959, 9960, 9961, 9962, 9966, 9967, 9968, 9973, 9974, 9980, 9985, 9986, 9996.
- Specify Finish. Example: 79019 626.

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