M9000

—

Grade 1 Heavy Duty Mortise Locksets

CONTENTS

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

Intertek   **Intertek**
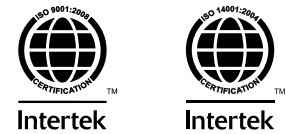
M9000 – GRADE 1 HEAVY-DUTY MORTISE LOCKSETS
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Exceptional security, enhanced aesthetics, and rugged dependability.
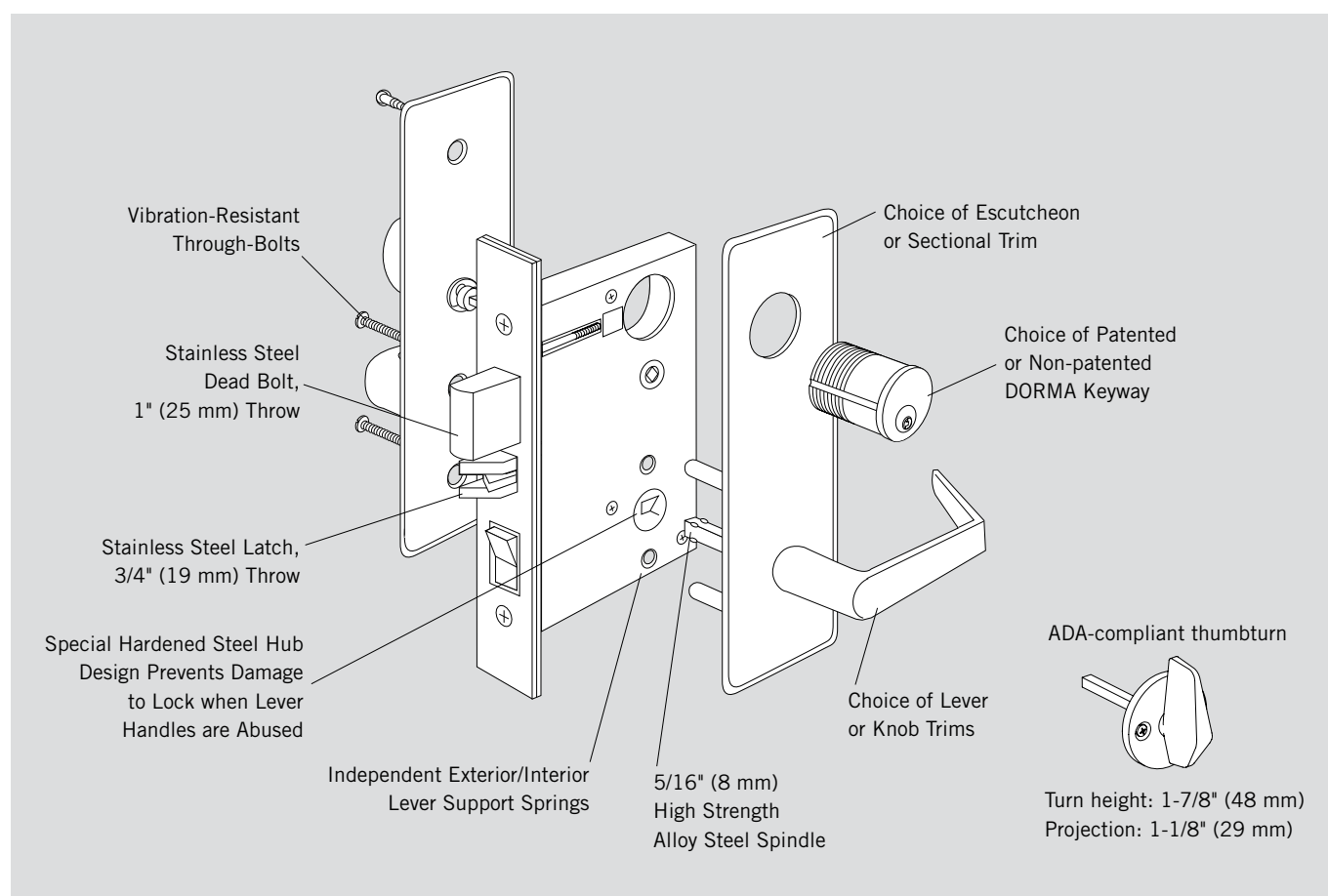These premium performance locksets are built with a heavy-duty mortise chassis for all applications where ANSI/BHMA A156.13 Grade 1 products are required. To meet the aesthetic needs of your project, these versatile locks are available in a range of lever and knob trim designs.

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

Vibration-Resistant Through-Bolts

Stainless Steel Dead Bolt, 1" (25 mm) Throw

Stainless Steel Latch, 3/4" (19 mm) Throw

Special Hardened Steel Hub Design Prevents Damage to Lock when Lever Handles are Abused

Independent Exterior/Interior Lever Support Springs

5/16" (8 mm) High Strength Alloy Steel Spindle

Choice of Escutcheon or Sectional Trim

Choice of Patented or Non-patented DORMA Keyway

Choice of Lever or Knob Trims

ADA-compliant thumbturn

Turn height: 1-7/8" (48 mm)
Projection: 1-1/8" (29 mm)

Technical Details

- Standard door thickness 1-3/4"–2-1/4".

- 2-3/4" backset.

- Stainless steel dead bolt with hardened steel roller pins 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.

- Adjustable 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.

- Non-handed chassis can be handed in the field.

- All trim through-bolted through the lock case for positive alignment.

- All trim shipped fully assembled for reduced installation time.

- 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.

Certification/Compliance

ANSI/BHMA
Meets A156.13 Series 1000, operational and security Grade 1.

Meets A117.1 accessibility code and ADA requirements for barrier-free accessibility.

UL/CUL – UL 10C Positive Pressure
All M9000 are 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. 12-0508.06.

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.

Cylinders and 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 Policy** in the current DORMA Price List.

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: 629 (Bright) or 630 (Satin).

NOTE: Consult factory for finishes not shown.

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.

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*

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 —	**956**
Entry w/DB —	**953**
Privacy w/DB —	**940**
Institution —	**082**
	082EU/EL — Electrically Unlocked/Locked w/Double Locking
Electrically Unlocked/Locked —	**080EU/EL**
Storeroom —	**080**
Intruder Latch Bolt (F32) —	**071**
Classroom —	**070**
Apartment —	**060**
Office/Entry (Alt F04) —	**053**
Office/Entry —	**050**
Privacy w/Indicator —	**046**
Privacy w/Coin Turn —	**042**
Privacy, Bedroom or Bath —	**040**
Exit/Communicating Passage —	**025**
Passage/Closet —	**010**
Dummy Trim Two Sides —	**002**
Dummy Trim One Side —	**001**

***Additional functions available. See page 8 for detailed descriptions.**

1. For split finishes or finishes not shown, consult factory. Special order finishes require extended lead times.

2. Available on lever designs in 626/630 finishes only. Consult factory for other finishes.

3. Example shows default values. Refer to Lock Options section for full details.

4. 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.

Lever Design

Premium Lever —	**PREMIUM**
Lever —	**LT**
Lever —	**LR**
Lever —	**LN**
Lever —	**LG**
Lever —	**LD**
Lever —	**LC**

Finish[1]

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

Door Thickness[3,4]

Strike Options[3]

Lip Length[3]

Ordering string

M9 953 D LR A 626 ☐ ☐ RH 134 5006 114 XXXX

Product Family — Heavy Duty Grade 1 Mortise Lockset

Cylinder Type

Temporary SFIC —	**T**
Less SFIC —	**J**
SFIC —	**C**
Less Cylinder —	**L**
Conventional Cylinder —	**D**
Schlage FSIC (Less Core) —	**R**

Rose/Escutcheon Design

A	2-1/4" Dia. Rose
B	2-9/16" Dia. Rose
H	2-1/8" x 8-9/16" Escutcheon
M	2-1/2" x 8" Escutcheon
D	2-9/16" Dia. Decorative Rose

AM — Antimicrobial Coating[2]

TX — Security Screws

Door Hand

RH —	Right Hand
RHR —	Right Hand Reverse
LH —	Left Hand
LHR —	Left Hand Reverse

See Next Page for Keying Options

HOW TO ORDER KEYWAYS

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Standard Keyways

Keying

0BIT	— 0-Bitted
CMK	— Construction Master Keyed
MKD	— Master Keyed
NSK	— Non-Stock Keyed
KA4	— Keyed Alike, Sets of 4
KA2	— Keyed Alike, Sets of 2
KD	— Keyed Different

SC **KD**

SC	— Schlage C
SE	— Schlage E
D100	— DORMA SKC
CA	— Corbin 60
CD	— Corbin 59A1
CE	— CorbinRusswin L4
RA	— Russwin 981
RB	— Russwin D1
GA	— Sargent LA
SF	— Schlage F
WA	— Weiser E
YA	— Yale 8
YG	— Yale GA

Retrofit Keyways Available 0-Bitted Only

Keyway

IC Keyways

Keying

TMP	— Temporary Construction Core
MKD	— Combinated (Master Keyed)

BA **MKD**

00	— Less Core
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
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

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Standard Levers

LG — 2-1/4 (57), 4-3/8 (111), 2-11/16 (69)

LC — 2-1/4 (57), 4-3/8 (111), 2-3/4 (70)

LR — 2-1/4 (57), 4-11/16 (119), 2-1/4 (57)

LD — 2-1/4 (57), 4-11/16 (120), 2-7/16 (61)

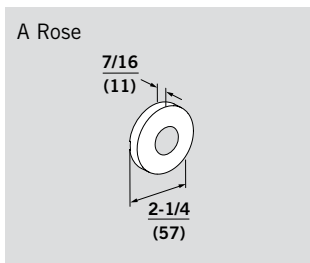LN — 2-1/4 (57), 4-1/4 (108), 2-1/8 (54)

LT — 2-1/4 (57), 4-1/4 (108), 2-1/2 (64)
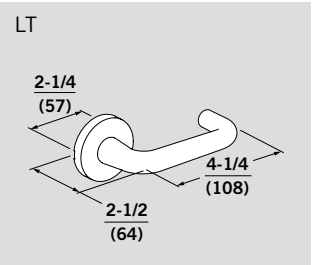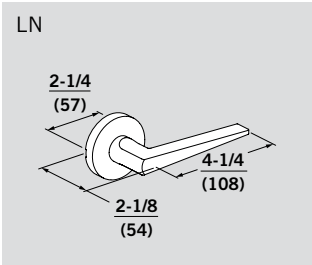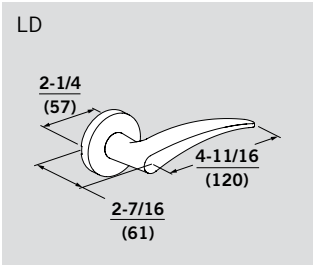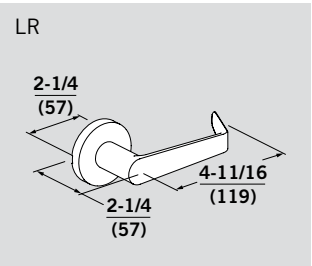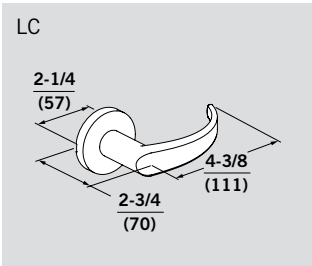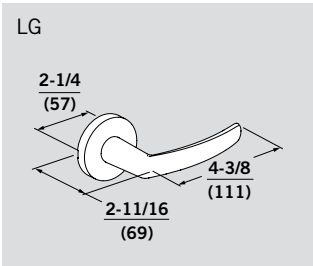
Premium Levers
(may require additional lead time)

LA	LF	LV	L109
2-1/4 (57)	2-1/4 (57)	2-1/4 (57)	2-1/4 (57)
4-7/8 (124)	4-13/16 (122)	5 (127)	5 (127)
2-9/16 (65)	2-1/2 (54)	2-3/4 (70)	2-7/8 (73)

L110	L112	L113	L114
2-1/4 (57)	2-1/4 (57)	2-1/4 (57)	2-1/4 (57)
5 (127)	5-5/8 (143)	5 (127)	4-1/2 (114)
2-5/8 (67)	2-5/8 (67)	2-9/16 (65)	3 (76)

L117	L118	KB
2-1/4 (57)	2-1/4 (57)	2-1/4 (57)
4-1/2 (114)	4-5/8 (117)	2-5/8 (67) 2-3/16 (56)
2-5/8 (67)	2-5/8 (67)	
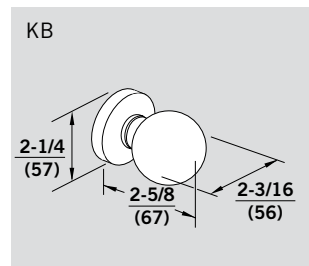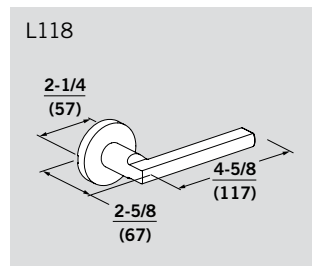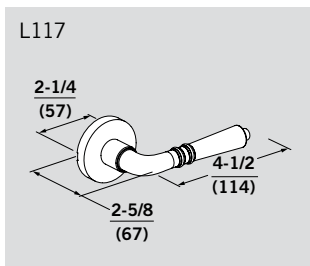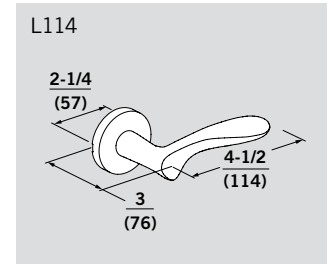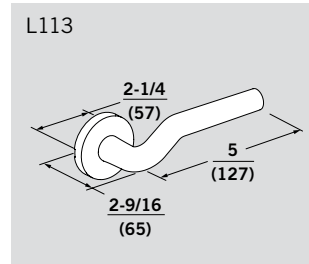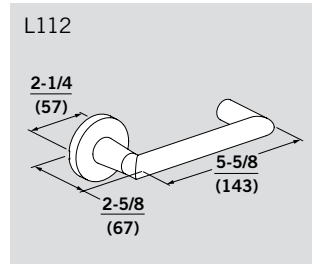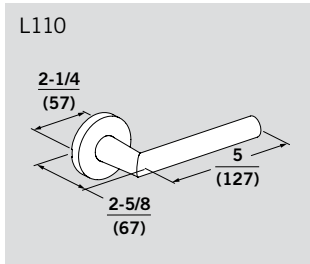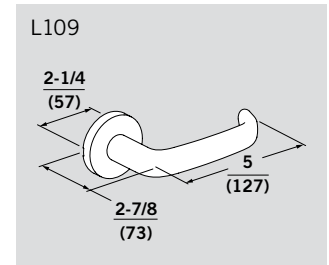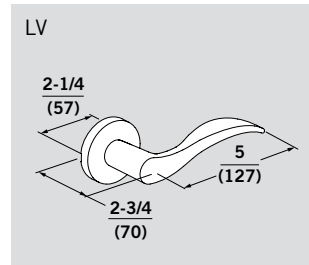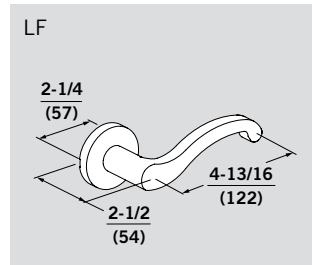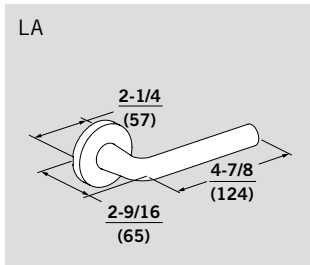
Wrought Roses

Escutcheons

A Rose	B Rose	H—Cast or Forged	M—Wrought
7/16 (11)	7/16 (11)	3/8 (10)	1/4 (6)
2-1/4 (57)	2-9/16 (65)	8-9/16 (218)	8 (203)
		2-1/8 (54)	2-1/2 (64)

D Rose

7/16 (11)

2-9/16 (65)
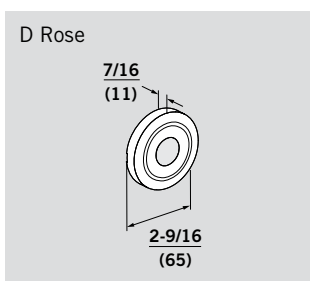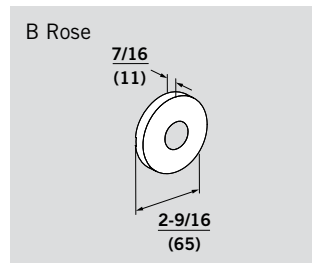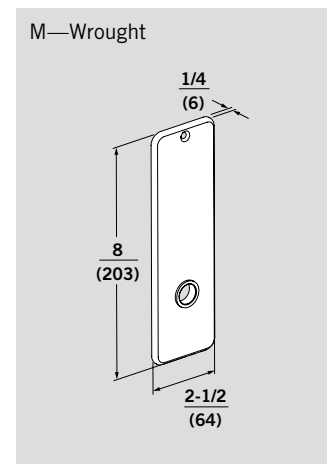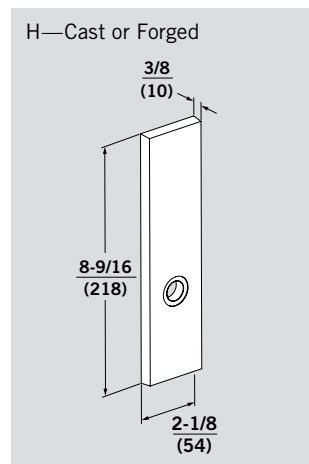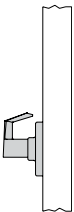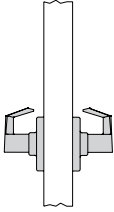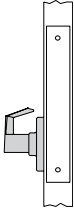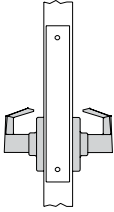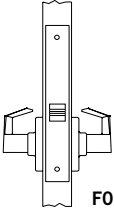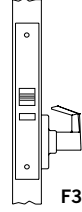
NOTE: Levers with returns return to within 1/2" (13 mm) of the door face.
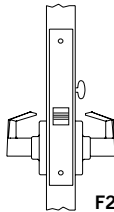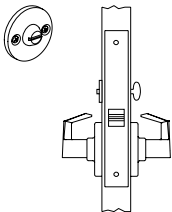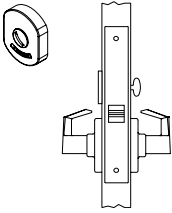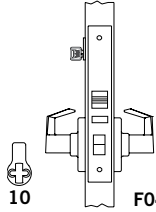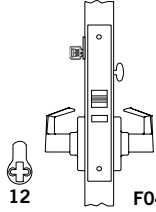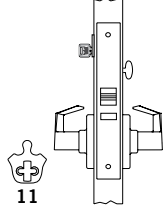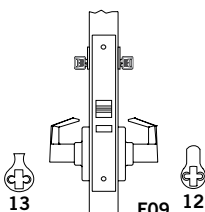
FUNCTIONS
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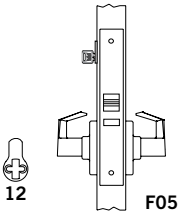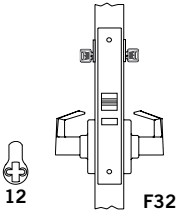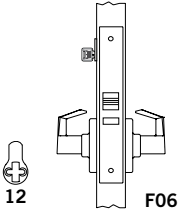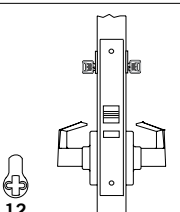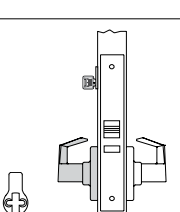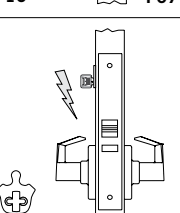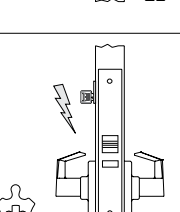| Function	Series	Outside/Inside	Description
Dummy Trim One Side	M9001		▪ Used as pull or matching trim on pairs of doors.
Dummy Trim Two Sides	M9002		▪ Used as pull or matching trim on pairs of doors.
Dummy Trim One Side	M9003 (w/lockcase)		▪ Used as pull or matching trim on pairs of doors. ▪ Trim always rigid.
Dummy Trim Two Sides	M9004 (w/lockcase)		▪ Used as pull or matching trim on pairs of doors. ▪ Trim always rigid.
Passage/Closet	M9010	**F01**	▪ Latch bolt operated by trim either side.
Exit/ Communicating Passage	M9025	**F31**	▪ Latch bolt operated by inside trim. ▪ Blank trim or no outside trim. ▪ Auxiliary latch deadlocks latch bolt.

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 codes only.

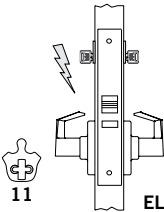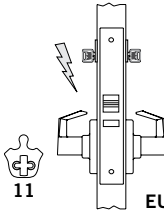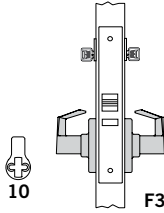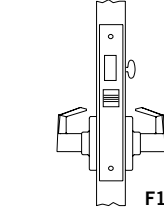| Function	Series	Outside/Inside	Description
Privacy, Bedroom or Bath	M9040	**F22**	▪ Latch bolt operated by trim either side, except when outside trim locked by inside turn. ▪ When locked, outside trim unlocked by inside trim, by closing door, by rotating inside turn, or by emergency release.
Privacy with Coin Turn Outside	M9042		▪ 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		▪ Latch bolt operated by trim either side, except when outside trim is 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	10 **F04**	▪ 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.
Office/Entry	M9053	12 **F04**	▪ 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.
Office/Entry with Automatic Unlocking	M9056	11	▪ 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	13 **F09** 12	▪ 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.
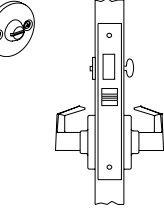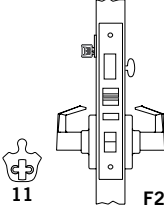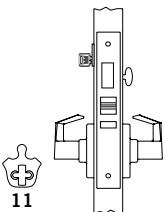
Indicates rigid lever.

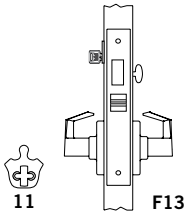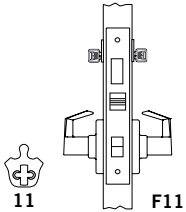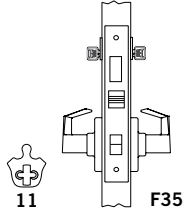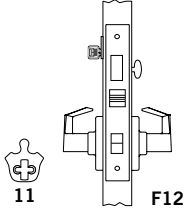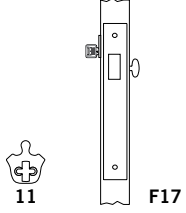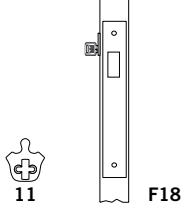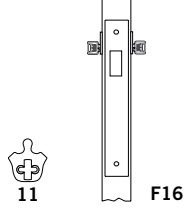| Function	Series	Outside/Inside	Description
Classroom	M9070	12 F05	■ Latch bolt operated by trim either side, except when outside trim locked by key outside. ■ When outside trim locked, latch bolt operated by inside trim. ■ Auxiliary latch deadlocks latch bolt.
Intruder Latch Bolt	M9071	12 F32	■ Latch 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.
Holdback	M9076	12 F06	■ 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. **NOTE:** Not approved for use on UL fire listed applications.
Holdback Double Cylinder	M9077	12	■ 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. **NOTE:** Not approved for use on UL fire listed applications.
Storeroom	M9080	10 F07	■ Latch bolt retracted by key outside or operated by inside trim. ■ Outside trim always rigid. ■ Auxiliary latch deadlocks latch bolt.
Electrically Locked Fail Safe	M9080EL M9080ELRX M9080ELRXLM	11 EL	■ 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. **RX**—Request to exit **LM**—Latch monitoring
Electrically Unlocked Fail Secure	M9080EU M9080EURX M9080EURXLM	11 EU	■ 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. **RX**—Request to exit **LM**—Latch monitoring

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 codes only.

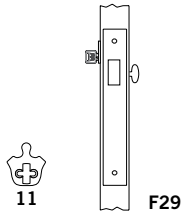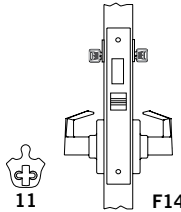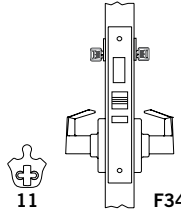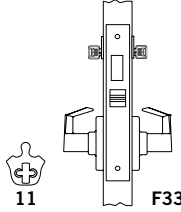| Function	Series	Outside/Inside	Description
Electrically Locked Fail Safe with Double Locking	M9082EL	**EL** 11	▪ Outside and inside trim locked when power is on. ▪ Outside and inside trim unlocked when power is interrupted. ▪ Latch by key either side. ▪ Auxiliary latch deadlocks latch bolt.
Electrically Unlocked Fail Secure with Double Locking	M9082EU	**EU** 11	▪ 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.
Institution	M9082	**F30** 10	▪ Latch bolt operated by key either side. ▪ Auxiliary latch deadlocks latch bolt. ▪ Trim both sides always rigid.
Privacy with Dead Bolt	M9940	**F19**	▪ 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		▪ 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** 11	▪ 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.
Security Entrance	M9954	11	▪ 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
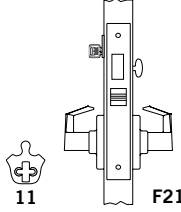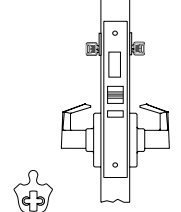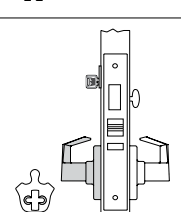
Indicates rigid lever.

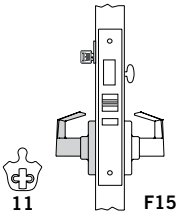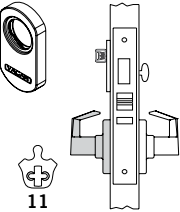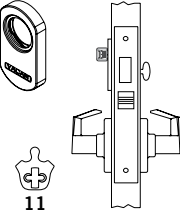| Function	Series	Outside/Inside	Description
Corridor with Dead Bolt	M9956	11 F13	▪ Latch bolt operated by trim either side, except when projected dead bolt locks outside trim and deadlocks latch. ▪ Dead bolt and latch retracted by key outside. ▪ Dead bolt projected by turn inside or key outside. ▪ Inside trim operates both bolts and unlocks outside trim.
Dormitory with Dead Bolt	M9957	11 F11	▪ 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	11 F35	▪ 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	11 F12	▪ 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	11 F17	▪ Dead bolt operated by key outside or by turn inside.
Cylinder × Blank Dead Bolt (only)	M9961	11 F18	▪ Dead bolt operated by key outside only.
Cylinder × Cylinder Dead Bolt (only)	M9962	11 F16	▪ Dead bolt operated by key either side.

Indicates rigid lever.

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Function	Series	Outside/Inside	Description
Classroom Dead Bolt (only)	M9963	11 F29	▪ Dead bolt operated by key outside. ▪ Turn inside retracts but does not project dead bolt.
Storeroom with Dead Bolt	M9966	11 F14	▪ Latch bolt operated by trim either side. ▪ Dead bolt operated by key either side.
Intruder Dead Bolt	M9967	11 F34	▪ 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.
Intruder Dead Bolt	M9968	11 F33	▪ 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 retracts both bolts and unlocks outside trim.
Dormitory with Dead Bolt	M9973	11 F21	▪ Latch bolt operated by trim either side. ▪ Dead bolt operated by key outside or by turn inside.
Classroom Intruder with Dead Bolt	M9974	11	▪ 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	11	▪ 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	11 F15	▪ 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	11	▪ 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	11	▪ 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.

ELECTROMECHANICAL OPTIONS

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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.
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, M9080ELRX, M9080EURX, M9082EL, M9082EU.
When ordering specify **LM**.
Example: M9080EURXLM.

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
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Strikes

Standard

Optional

Tactile Warning (Knurling)
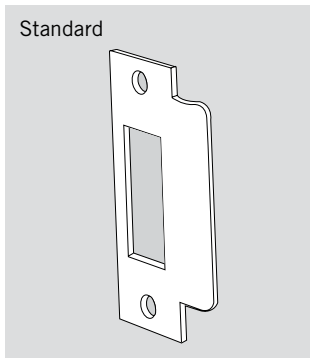
5006—ANSI 1-1/4" × 4-7/8" curved lip strike. 1-1/4" lip length. Default non-handed strike for all M9000 Series lock functions. Strikes are available in the following lip lengths: 7/8", 1-1/2", 1-3/4", 2", and 2-1/4". Includes dust box.
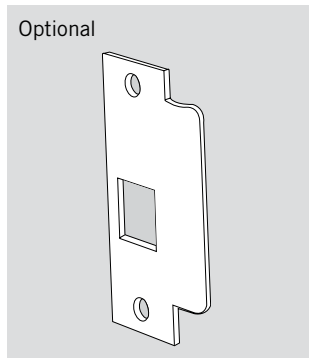
5007—ANSI 1-1/4" × 4-7/8" curved lip strike. 1-1/4" lip length. Optional handed strike for the following non-dead bolt functions: M9010, 9040, 9042, 9046, 9050, 9053, 9056, 9070, 9076, 9080, 9080EL/ EU, 9080EL/EURX, 9060, 9071, 9077, 9082, 9082EL/EU. Includes dust box.

**NOTE:** Handed strikes are not available in extended lip lengths.

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.
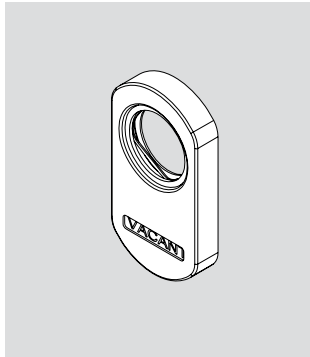
79019—Indicator for rose trim used with cylinder, reading OCCUPIED/VACANT or SECURED/UNSECURED. Both readings supplied.
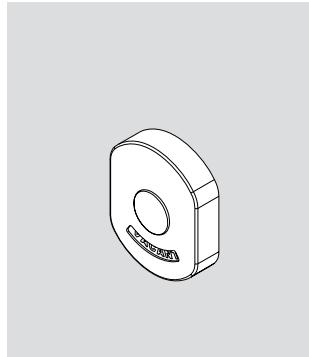
79020—Indicator for rose trim used without cylinder, emergency access, reading OCCUPIED/ VACANT.
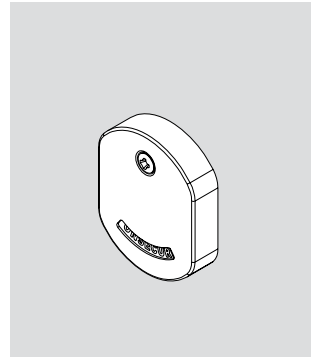
79021—Indicator for rose trim used without cylinder, reading SECURED/UNSECURED. No emergency access. Used on inside of door with 79019 on outside.

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.

![DORMA logo]