



# M9000

Grade 1  
Heavy-Duty  
Mortise Locksets



**M9000 Grade 1 Mortise Locksets**

Features . . . . . 3  
 Technical Details and Specifications . . . . . 4  
 How to Order . . . . . 5

**Trim Designs**

M9000 LR Lever . . . . . 6  
 M9000 LT Lever . . . . . 6  
 M9000 LC Lever . . . . . 6  
 M9000 KB Knob . . . . . 6

**Trim Options**

Standard Cast or Forged Levers –  
 LA, LC, LD, LG, LN, LR, LT . . . . . 7  
 Custom Cast or Forged Levers – L110, L113, L114 . . . . . 7  
 Wrought Knob – KB . . . . . 7  
 Wrought Roses – A, B . . . . . 7  
 Escutcheons – H, M . . . . . 7

**Functions**

Dummy Trim One Side – M9001 . . . . . 8  
 Dummy Trim Two Sides – M9002 . . . . . 8  
 Dummy Trim One Side with Lockcase – M9003 . . . . . 8  
 Dummy Trim Two Sides with Lockcase – M9004 . . . . . 8  
 Passage/Closet – M9010 . . . . . 8  
 Exit/Communicating Passage – M9025 . . . . . 8  
 Privacy, Bedroom or Bath – M9040 . . . . . 8  
 Privacy with Coin Turn Outside – M9042 . . . . . 9  
 Privacy with Indicator – M9046 . . . . . 9  
 Office/Entry – M9050 . . . . . 9  
 Office/Entry – M9053 . . . . . 9  
 Office/Entry with Automatic Unlocking – M9056 . . . . . 9  
 Apartment – M9060 . . . . . 9  
 Classroom – M9070 . . . . . 9  
 Intruder Latch Bolt – M9071 . . . . . 10  
 Holdback – M9076 . . . . . 10  
 Holdback Double Cylinder – M9077 . . . . . 10  
 Storeroom – M9080 . . . . . 10  
 Electrically Locked Fail Safe – M9080EL . . . . . 10  
 Electrically Unlocked Fail Secure – M9080EU . . . . . 10  
 Electrically Locked Fail Safe with Req. to Exit  
 Switch – M9080ELRX . . . . . 10  
 Electrically Unlocked Fail Secure with Req. to Exit  
 Switch – M9080EURX . . . . . 11

Electrically Locked Fail Safe with Double Locking –  
 M9082EL . . . . . 11  
 Electrically Unlocked Fail Secure with Double Locking –  
 M9082EU . . . . . 11  
 Institution – M9082 . . . . . 11  
 Privacy with Dead Bolt – M9940 . . . . . 11  
 Privacy with Dead Bolt and Coin Turn Outside – M9942 . . . . . 11  
 Entry with Dead Bolt – M9953 . . . . . 11  
 Corridor with Dead Bolt – M9956 . . . . . 12  
 Dormitory with Dead Bolt (F11) – M9957 . . . . . 12  
 Storeroom with Dead Bolt (F35) – M9958 . . . . . 12  
 Dormitory/Exit with Dead Bolt – M9959 . . . . . 12  
 Cylinder × Turn Dead Bolt (only) – M9960 . . . . . 12  
 Cylinder × Blank Dead Bolt (only) – M9961 . . . . . 12  
 Cylinder × Cylinder Dead Bolt (only) – M9962 . . . . . 12  
 Classroom Dead Bolt (only) – M9963 . . . . . 13  
 Storeroom with Dead Bolt (F14) – M9966 . . . . . 13  
 Intruder Dead Bolt (F34) – M9967 . . . . . 13  
 Intruder Dead Bolt (F33) – M9968 . . . . . 13  
 Dormitory with Dead Bolt (F21) – M9973 . . . . . 13  
 Classroom Intruder with Dead Bolt – M9974 . . . . . 13  
 Storeroom with Dead Bolt – M9980 . . . . . 13  
 Faculty Restroom/Hotel with Dead Bolt (F15) – M9985 . . . . . 14  
 Faculty Restroom/Hotel with Dead Bolt and Indicator –  
 M9986 . . . . . 14  
 Privacy with Dead Bolt and Indicator – M9996 . . . . . 14  
 Electrical Requirements . . . . . 14  
 Monitoring Options . . . . . 14

**Lock Options**

4-7/8" Non-Handed Strike . . . . . 15  
 4-7/8" Handed Strike . . . . . 15  
 Tactile Warning (Knurling) . . . . . 15  
 Occupancy Indicators . . . . . 15



Intertek

The quality management systems at the Reamstown, PA and Steeleville, IL facilities are certified to ISO-9001:2008.\*



\*DORMA Door Controls, Inc. dba DORMA Architectural Hardware

## DORMA's M9000 Series Grade 1 heavy-duty mortise locksets provide 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.

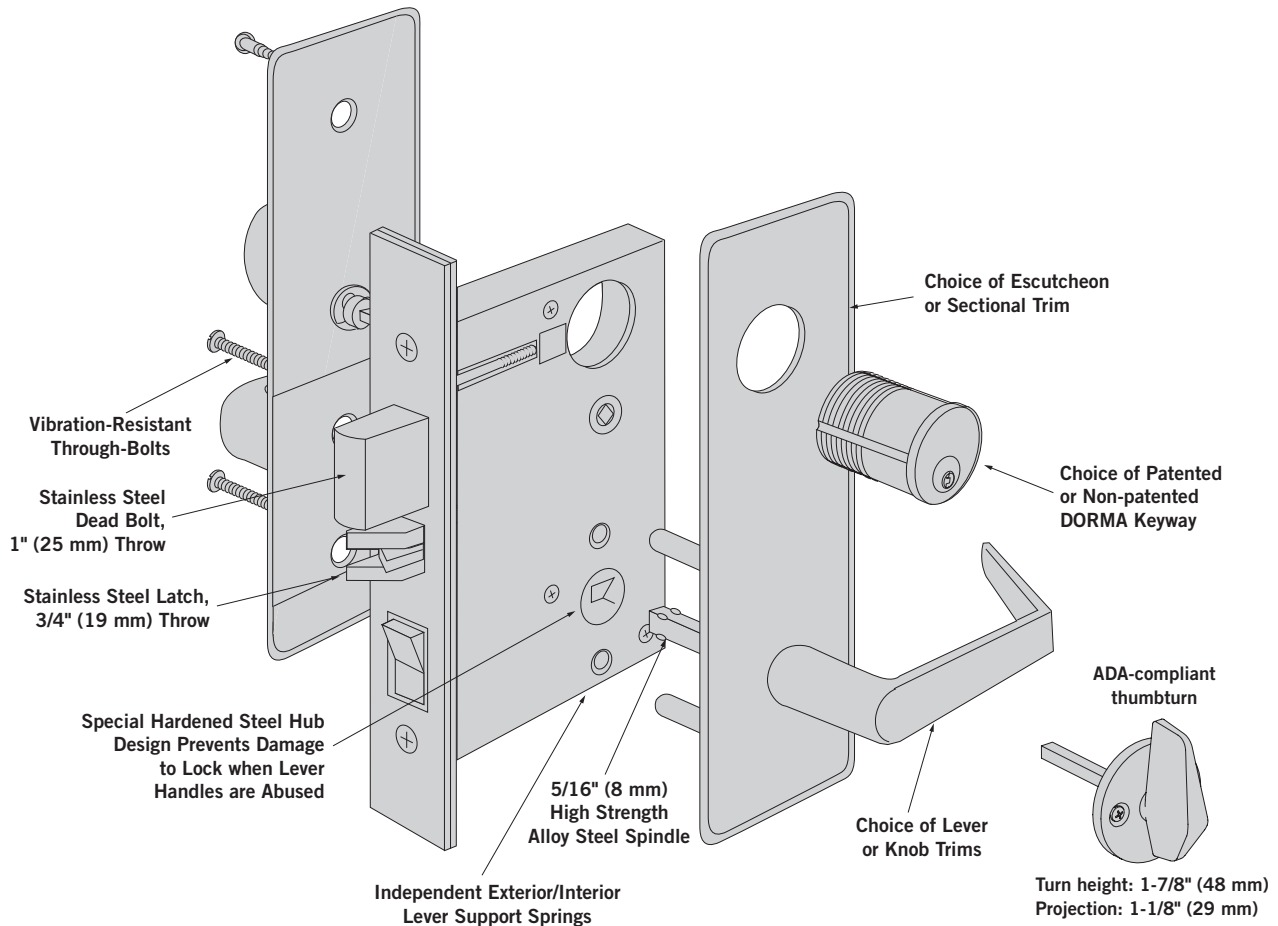
### Features

- All DORMA M9000 Series mortise locks feature advanced design concepts for extreme reliability and are manufactured with the finest materials for exceptional durability.
- DORMA M9000 Series mortise locks provide a wide variety of functions and the most popular finishes.
- All DORMA M9000 Series locks include special, high-strength springs and a positive stop to eliminate unsightly sagging levers.
- Trims utilize 5/16" (8 mm) high-strength alloy steel spindles for extra durability.

### Recommended Applications

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

- Select components in the M9000 Series locks are manufactured with high-strength steel or stainless steel, providing an extremely strong, highly durable lock.
- 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 style: cast/forged brass or stainless.  
M style: wrought brass or stainless.



**Technical Details:**

ANSI/BHMA A156.13 Grade 1 Operational	Yes	Highest grade level standard for durability
Grade 1 Security	Yes	Highest grade level standard for strength and security
UL listed for UL 10C	Yes	UL and CUL listed for use on 3-hour fire-rated doors and for all positive pressure applications
Stainless steel latch bolt	Yes	Provides strength and durability
Stainless steel dead bolt	Yes	Provides saw resistance, strength, and durability
Hardened steel roller pins in dead bolt	Yes	Additional protection against sawing
Security spacer between inside and outside lever hubs in lock case	Yes	Protects lock from unauthorized entry and vandalism
Steel lock case and internal components	Yes	Provides physical strength and durability
Adjustable face plate	Yes	Allows lock case to properly fit both flat face, standard bevel, and reverse bevel door applications
Full length interlocking face plate	Yes	Provides support for both the latch and dead bolts against forced entry
Lock chassis is non-handed and can be re-handed in the field	Yes	Lock chassis can be handed in the field to reduce inventories or accommodate last minute door changes without opening case
All trim through-bolted through the lock case	Yes	Provides positive alignment between the lock case and the trim
All trim shipped fully assembled	Yes	Reduces installation time, saving overall costs
Non-handed strike	Yes	Universal non-handed curve lipped strike for all functions
Premium PVD Finishes	Yes	PVD (physical vapor deposition) finishing used on 605, 606, 612, 613, 619 for consistent durable color
Accepts standard and interchangeable core cylinders	Yes	Allows flexibility of using most currently available standard and interchangeable core cylinders

**Certification/Compliance:**

**ANSI:** 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 lessor class doors, 4'0" x 8'0" maximum per leaf.

**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 DORMA standard keyway with two (2) nickel silver keys.
- Optional patented key system available.
- Refer to separate **DORMA Price List** for full details and options such as master keying, retrofit cylinders and keyways, and small format interchangeable cores.

**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**.

**How to Order M9000 Series**

Function		Code	Notes
Privacy w/DB & Indicator		996	
		986	Faculty Restroom/Hotel w/DB & Indicator
Faculty Restroom/Hotel w/DB (F15)		985	
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	
Dormitory/Exit w/DB (F12)		959	
Storeroom w/DB (F35)		958	
Dormitory w/DB (F11)		957	
Corridor w/DB		956	
Entry w/DB		953	
Privacy w/DB & Coin Turn		942	
Privacy w/DB		940	
		082	Institution
Electrically Unlocked (Fail Secure) w/Double Locking		082EU	
		082EL	Electrically Locked (Fail Safe) w/Double Locking
Electrically Unlocked (Fail Secure) w/Req. to Exit Switch		080EURX	
		080ELRX	Electrically Locked (Fail Safe) w/Req. to Exit Switch
Electrically Unlocked (Fail Secure)		080EU	
Electrically Locked (Fail Safe)		080EL	
Storeroom		080	
Holdback Double Cylinder		077	
Holdback		076	
Intruder Latch Bolt (F32)		071	
Classroom		070	
Apartment		060	
		056	
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 w/Lockcase		004	
Dummy Trim One Side w/Lockcase		003	
Dummy Trim Two Sides		002	
Dummy Trim One Side		001	

Trim Design		Code
Knob		KB
Custom Levers		L114
		L113
		L110
Lever		LN
Lever		LD
Lever		LA
Lever		LG
Lever		LT
Lever		LC
Lever		LR

Finish <sup>1,2</sup>		Code	Notes
		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<sup>4,5</sup>**  
**Strike Options<sup>4</sup>**  
**Lip Length<sup>4</sup>**

Product Family	Cylinder Type	Rose/Escutcheon Design	Security Screws	Antimicrobial Coating <sup>3</sup>	Door Hand	Keying Options Field <sup>6</sup>						
M9	953	D	LR	A	626	AM	TX	RH	134	5006	114	XXXX
Temporary SFIC Core	T	A						RH				
Less SFIC Core	J	B						RHR				
Heavy Duty Grade 1 Mortise Lockset	C	H						LH				
	L	M						LHR				
	D											

- For split finishes or finishes not shown, consult factory. Special order finishes require extended lead times.
- Knob designs available in 605/630 finishes only.
- Available on lever designs in 626/630 finishes only. Consult factory for other finishes.
- Example shows default values. Refer to Lock Options section for full details.
- Standard door thickness is 1-3/4" (44 mm). Doors 1-13/16" (46 mm) and thicker can vary by trim and function. Consult factory for these special applications.
- Refer to DORMA Price List for details.

## The M9000 Series ANSI/BHMA Grade 1 Heavy-Duty Mortise Locks are available in many lever trim designs.

-  ADA compliant levers.
- Levers with returns, return to within 1/2" (13 mm) of door face.
- M9000 levers and H escutcheons feature solid cast stainless steel or forged brass construction.
- Roses, M escutcheons and knobs feature wrought brass or stainless with steel reinforcement.


All M9000 Series Locks are available with a choice of sectional or escutcheon trim. See below chart for details.

Trim Description	Designation	Dimension	in (mm)
Rose	A	Diameter	2-1/4 (57)
	B	Diameter	2-9/16 (65)
Escutcheon	H	Width	2-1/8 (54)
		Height	8-9/16 (218)
	M	Width	2-1/2 (64)
		Height	8 (203)

### Lever Design – LR

Shown with A rose




 SFIC core available.

### Lever Design – LT

Shown with H escutcheon




 SFIC core available.

### Lever Design – LC

Shown with M escutcheon




 SFIC core available.

### Knob Design – KB

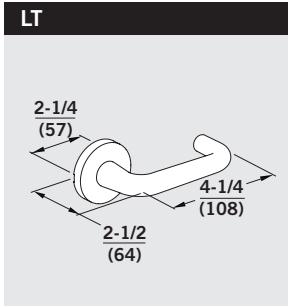
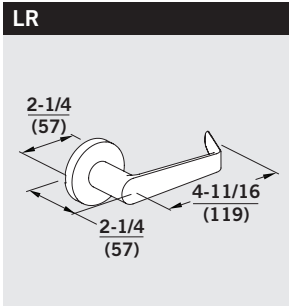
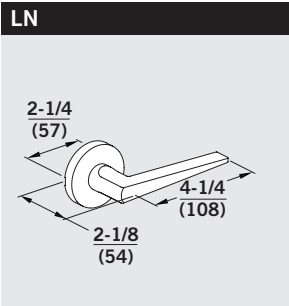
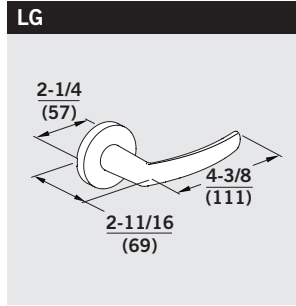
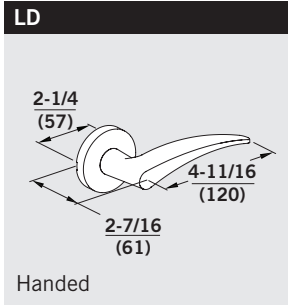
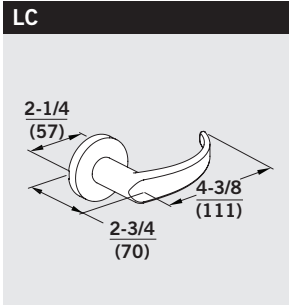
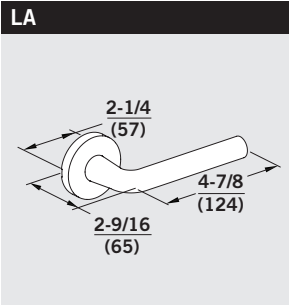
Shown with A rose



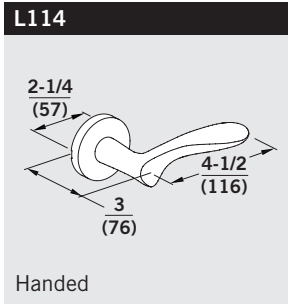
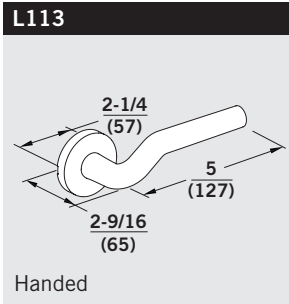
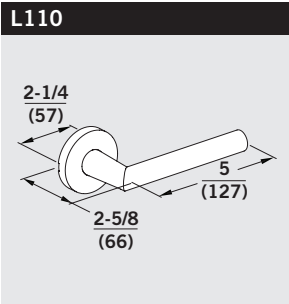
 SFIC core available.

**NOTE:** Refer to page 7 for full selection of trim options.

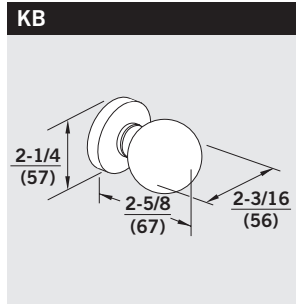
**STANDARD CAST OR FORGED LEVERS**



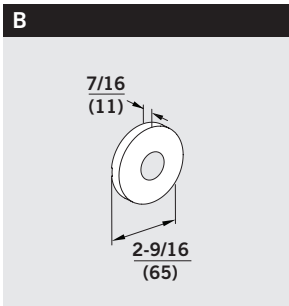
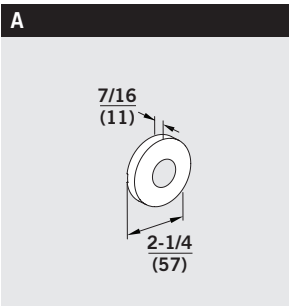
**CUSTOM CAST OR FORGED LEVERS**



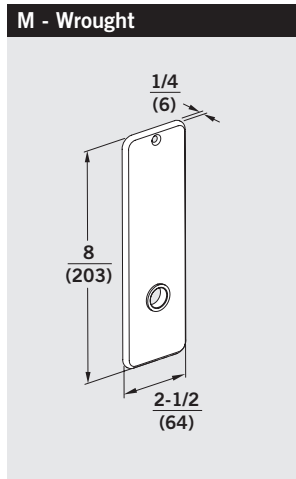
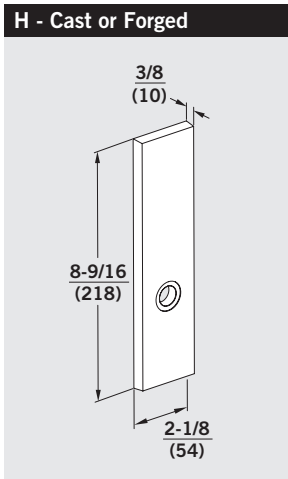
**WROUGHT KNOB**



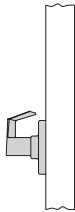
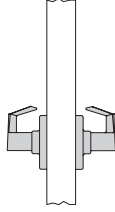
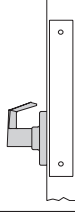
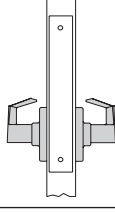
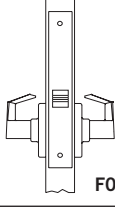
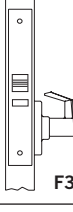
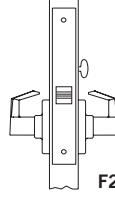
**WROUGHT ROSES**




**ESCUTCHEONS**



**NOTE:** Lever returns are within 1/2" (13 mm) of the door face.

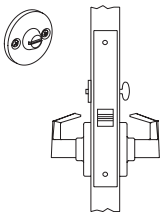
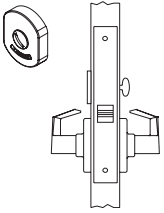
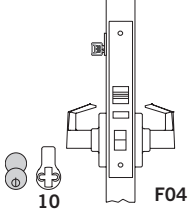
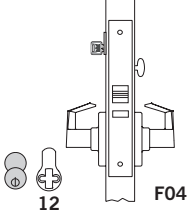
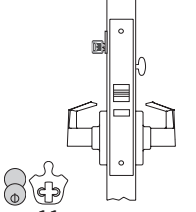
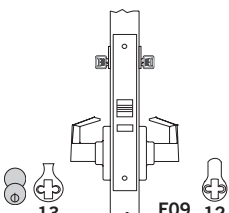
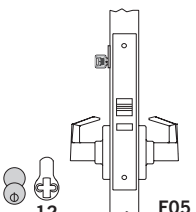
FUNCTION	SERIES	OUTSIDE/INSIDE	DESCRIPTION
Dummy Trim One Side	M9001		<ul style="list-style-type: none"> <li>Used as pull or matching trim on pairs of doors.</li> </ul>
Dummy Trim Two Sides	M9002		<ul style="list-style-type: none"> <li>Used as pull or matching trim on pairs of doors.</li> </ul>
Dummy Trim One Side	M9003 (w/lockcase)		<ul style="list-style-type: none"> <li>Used as pull or matching trim on pairs of doors.</li> <li>Trim always rigid.</li> </ul>
Dummy Trim Two Sides	M9004 (w/lockcase)		<ul style="list-style-type: none"> <li>Used as pull or matching trim on pairs of doors.</li> <li>Trim always rigid.</li> </ul>
Passage/Closet	M9010	 F01	<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side.</li> </ul>
Exit/ Communicating Passage	M9025	 F31	<ul style="list-style-type: none"> <li>Latch bolt operated by inside trim.</li> <li>Blank trim or no outside trim.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul>
Privacy, Bedroom or Bath	M9040	 F22	<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by inside turn.</li> <li>When locked, outside trim unlocked by inside trim, by closing door, by rotating inside turn, or by emergency release.</li> </ul>

 Indicates SFIC core available.


 Indicates rigid lever.

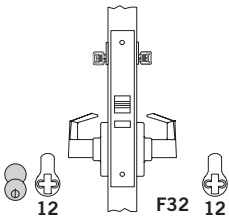
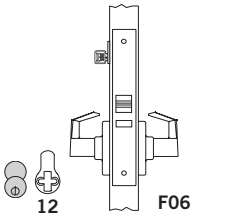
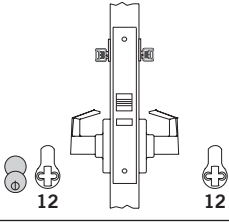
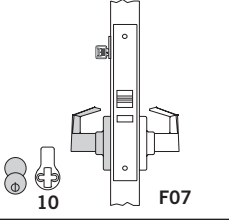
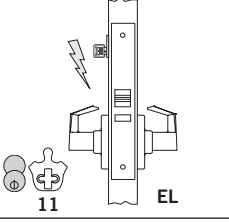
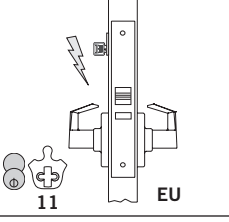
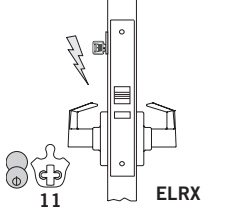
**CAUTION:** Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.




FUNCTION	SERIES	OUTSIDE/INSIDE	DESCRIPTION
Privacy with Coin Turn Outside	M9042		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by inside turn or coin turn outside.</li> <li>When locked, outside trim unlocked by inside trim, by closing door, by rotating inside turn, or by rotating coin turn outside.</li> </ul>
Privacy with Indicator	M9046		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim is locked by inside turn.</li> <li>When locked, outside trim unlocked by inside trim, by rotating inside turn, or by coin turn outside.</li> <li>When outside trim is locked, "OCCUPIED" message is displayed.</li> <li>Latch bolt deadlocked when outside trim is locked.</li> </ul>
Office/Entry	M9050		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by stopworks.</li> <li>When outside trim locked, latch bolt retracted by key outside or operated by inside trim.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul>
Office/Entry	M9053		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by key outside or by inside turn.</li> <li>When outside trim locked, latch bolt retracted by key outside or by inside trim.</li> <li>Outside trim remains locked until inside turn rotated to unlocked position or unlocked by key.</li> <li>Auxiliary latch deadlocks latch bolt when door locked.</li> </ul>
Office/Entry with Automatic Unlocking	M9056		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by key outside or by inside turn.</li> <li>When outside trim locked, latch bolt retracted by key outside or by inside trim.</li> <li>Outside trim unlocked by key outside or by inside turn.</li> <li>Rotating inside trim simultaneously retracts latch bolt and unlocks outside trim.</li> <li>Auxiliary latch deadlocks latch bolt when door locked.</li> </ul>
Apartment	M9060		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by key inside.</li> <li>When outside trim locked, latch bolt retracted by key outside or by inside trim.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul>
Classroom	M9070		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by key outside.</li> <li>When outside trim locked, latch bolt operated by inside trim.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul>

 Indicates SFIC core available.

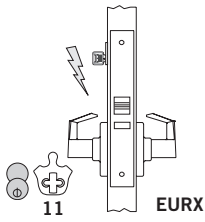
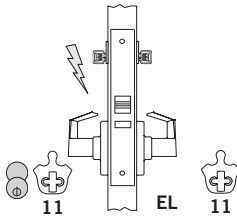
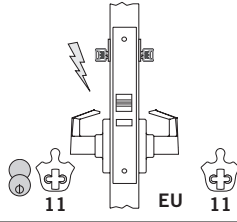
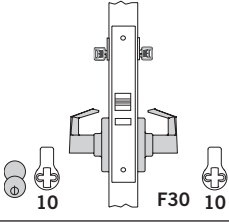
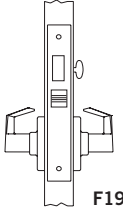
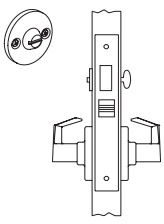
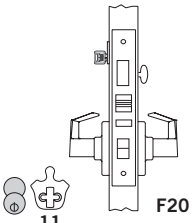
 Indicates rigid lever.

FUNCTION	SERIES	OUTSIDE/INSIDE	DESCRIPTION
Intruder Latch Bolt	M9071	 12 F32 12	<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by key either side.</li> <li>When outside trim locked, latch bolt operated by key either side or by operating inside trim.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul>
Holdback	M9076	 12 F06	<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by key outside.</li> <li>Latch bolt can be locked in a retracted position by key.</li> <li>When outside trim locked, latch bolt operated by key outside or trim inside, unless latch bolt locked in retracted position.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul> <p><b>NOTE:</b> Not approved for use on UL fire listed applications.</p>
Holdback Double Cylinder	M9077	 12 12	<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by key either side.</li> <li>Latch bolt can be locked in a retracted position by key.</li> <li>When outside trim locked, latch bolt operated by key outside or trim inside, unless latch bolt locked in retracted position.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul> <p><b>NOTE:</b> Not approved for use on UL fire listed applications.</p>
Storeroom	M9080	 10 F07	<ul style="list-style-type: none"> <li>Latch bolt retracted by key outside or operated by inside trim.</li> <li>Outside trim always rigid.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul>
Electrically Locked Fail Safe	M9080EL	 11 EL	<ul style="list-style-type: none"> <li>Outside trim locked when power is on.</li> <li>Outside trim unlocked when power is interrupted.</li> <li>Latch by key outside.</li> <li>Inside trim always unlocked.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul>
Electrically Unlocked Fail Secure	M9080EU	 11 EU	<ul style="list-style-type: none"> <li>Outside trim unlocked when power is on.</li> <li>Outside trim locked when power is interrupted.</li> <li>Latch by key outside.</li> <li>Inside trim always unlocked.</li> <li>Auxiliary latch deadlocks latch bolt.</li> </ul>
Electrically Locked Fail Safe with Req. to Exit Switch	M9080ELRX	 11 ELRX	<ul style="list-style-type: none"> <li>Outside trim locked when power is on.</li> <li>Outside trim unlocked when power is interrupted.</li> <li>Latch by key outside.</li> <li>Inside trim always unlocked.</li> <li>Auxiliary latch deadlocks latch bolt.</li> <li>Operating inside trim cycles SPDT switch to signal use of the door.</li> </ul>


 Indicates SFIC core available.

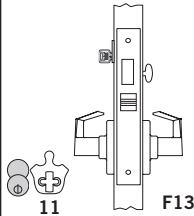
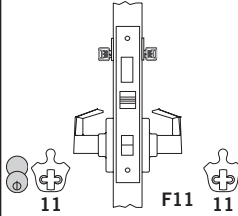
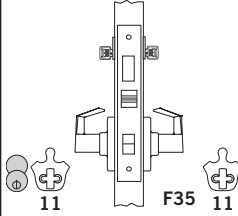
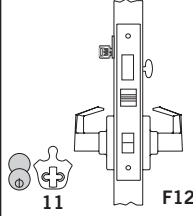
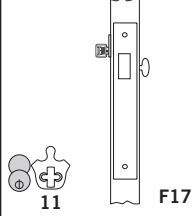
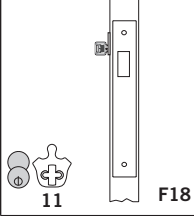
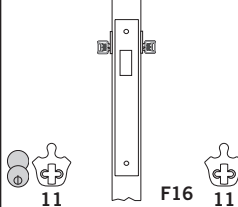
 Indicates rigid lever.

**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 Unlocked Fail Secure with Req. to Exit Switch	M9080EURX	 EURX	<ul style="list-style-type: none"> <li>• Outside trim unlocked when power is on.</li> <li>• Outside trim locked when power is interrupted.</li> <li>• Latch by key outside.</li> <li>• Inside trim always unlocked.</li> <li>• Auxiliary latch deadlocks latch bolt.</li> <li>• Operating inside trim cycles SPDT switch to signal use of the door.</li> </ul>
Electrically Locked Fail Safe with Double Locking	M9082EL	 EL	<ul style="list-style-type: none"> <li>• Outside and inside trim locked when power is on.</li> <li>• Outside and inside trim unlocked when power is interrupted.</li> <li>• Latch by key either side.</li> <li>• Auxiliary latch deadlocks latch bolt.</li> </ul>
Electrically Unlocked Fail Secure with Double Locking	M9082EU	 EU	<ul style="list-style-type: none"> <li>• Outside and inside trim unlocked when power is on.</li> <li>• Outside and inside trim locked when power is interrupted.</li> <li>• Latch by key either side.</li> <li>• Auxiliary latch deadlocks latch bolt.</li> </ul>
Institution	M9082	 F30	<ul style="list-style-type: none"> <li>• Latch bolt operated by key either side.</li> <li>• Auxiliary latch deadlocks latch bolt.</li> <li>• Trim both sides always rigid.</li> </ul>
Privacy with Dead Bolt	M9940	 F19	<ul style="list-style-type: none"> <li>• Latch bolt operated by trim either side, except when projected dead bolt locks outside trim and deadlocks latch.</li> <li>• Dead bolt operated by turn inside.</li> <li>• Dead bolt operated by emergency release outside.</li> <li>• Inside trim operates both bolts simultaneously and unlocks outside trim.</li> </ul>
Privacy with Dead Bolt and Coin Turn Outside	M9942		<ul style="list-style-type: none"> <li>• Latch bolt operated by trim either side, except when projected dead bolt locks outside trim and deadlocks latch.</li> <li>• Dead bolt operated by turn inside or coin turn outside.</li> <li>• Rotating outside coin turn retracts dead bolt and unlocks outside trim.</li> <li>• Inside trim operates both bolts simultaneously and unlocks outside trim.</li> </ul>
Entry with Dead Bolt	M9953	 F20	<ul style="list-style-type: none"> <li>• Latch bolt operated by trim either side, except when outside locked by stopworks.</li> <li>• Dead bolt operated by key outside or turn inside.</li> <li>• Key operates both dead bolt and latch bolt.</li> <li>• Inside lever operates both bolts; outside trim remains locked.</li> <li>• Latch bolt deadlocked when outside lever locked, or dead bolt projected.</li> <li>• When dead bolt retracted, outside trim unlocked by stopworks.</li> </ul>

 Indicates SFIC core available.

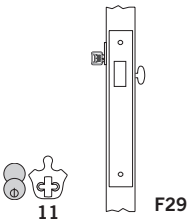
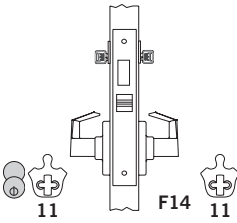
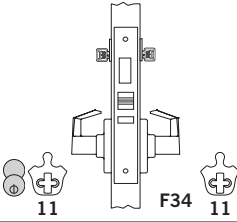
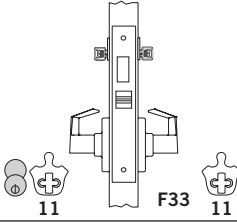
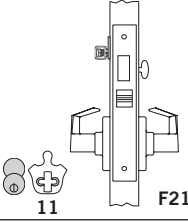
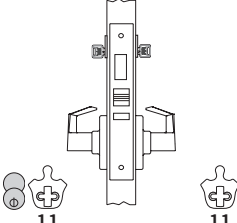
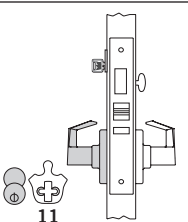
 Indicates rigid lever.

FUNCTION	SERIES	OUTSIDE/INSIDE	DESCRIPTION
Corridor with Dead Bolt	M9956		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when projected dead bolt locks outside trim and deadlocks latch.</li> <li>Dead bolt and latch retracted by key outside.</li> <li>Dead bolt projected by turn inside or key outside.</li> <li>Inside trim operates both bolts and unlocks outside trim.</li> </ul>
Dormitory with Dead Bolt	M9957		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked either by stopworks or projected dead bolt.</li> <li>Dead bolt operated by key either side.</li> <li>Dead bolt deadlocks latch bolt.</li> <li>Inside trim operates both bolts simultaneously; outside trim remains locked.</li> </ul>
Storeroom with Dead Bolt	M9958		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked by stopworks.</li> <li>Dead bolt operated by key either side.</li> <li>Latch bolt operated by inside lever.</li> </ul>
Dormitory/Exit with Dead Bolt	M9959		<ul style="list-style-type: none"> <li>Latch bolt operated by trim either side, except when outside trim locked either by stopworks or projected dead bolt.</li> <li>Dead bolt operated by key outside or turn inside.</li> <li>Dead bolt deadlocks latch bolt.</li> <li>Inside trim operates both bolts simultaneously; outside trim remains locked.</li> </ul>
Cylinder x Turn Dead Bolt (only)	M9960		<ul style="list-style-type: none"> <li>Dead bolt operated by key outside or by turn inside.</li> </ul>
Cylinder x Blank Dead Bolt (only)	M9961		<ul style="list-style-type: none"> <li>Dead bolt operated by key outside only.</li> </ul>
Cylinder x Cylinder Dead Bolt (only)	M9962		<ul style="list-style-type: none"> <li>Dead bolt operated by key either side.</li> </ul>


 Indicates SFIC core available.

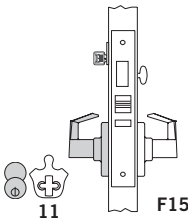
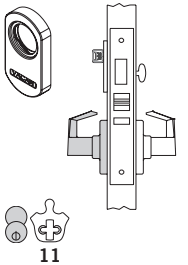
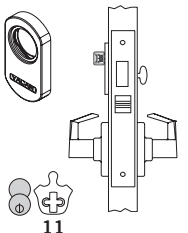
 Indicates rigid lever.

**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
Classroom Dead Bolt (only)	M9963	 F29 11	<ul style="list-style-type: none"> <li>• Dead bolt operated by key outside.</li> <li>• Turn inside retracts but does not project dead bolt.</li> </ul>
Storeroom with Dead Bolt	M9966	 F14 11	<ul style="list-style-type: none"> <li>• Latch bolt operated by trim either side.</li> <li>• Dead bolt operated by key either side.</li> </ul>
Intruder Dead Bolt	M9967	 F34 11	<ul style="list-style-type: none"> <li>• Latch bolt operated by trim either side, except when outside trim locked by key either side.</li> <li>• Dead bolt operated by key either side.</li> <li>• Inside trim operates both bolts and unlocks outside trim.</li> <li>• Latch bolt deadlocked when dead bolt thrown.</li> </ul>
Intruder Dead Bolt	M9968	 F33 11	<ul style="list-style-type: none"> <li>• Latch bolt operated by trim either side, except when outside trim locked by key either side.</li> <li>• Dead bolt operated by key either side.</li> <li>• Inside trim retracts both bolts and unlocks outside trim.</li> </ul>
Dormitory with Dead Bolt	M9973	 F21 11	<ul style="list-style-type: none"> <li>• Latch bolt operated by trim either side.</li> <li>• Dead bolt operated by key outside or by turn inside.</li> </ul>
Classroom Intruder with Dead Bolt	M9974	 F11 11	<ul style="list-style-type: none"> <li>• Latch bolt operated by trim either side, except when outside trim locked by projection of dead bolt.</li> <li>• Dead bolt projected or retracted by key either side.</li> <li>• Inside trim operates both bolts simultaneously; outside trim remains locked.</li> <li>• Key either side unlocks outside trim allowing latch bolt to be retracted by trim.</li> <li>• Auxiliary latch deadlocks latch bolt.</li> </ul>
Storeroom with Dead Bolt	M9980	 F11 11	<ul style="list-style-type: none"> <li>• Latch bolt operated by key outside or by trim inside.</li> <li>• Outside trim always rigid.</li> <li>• Dead bolt projected by key outside or by turn inside.</li> <li>• Inside trim operates both bolts simultaneously.</li> <li>• Auxiliary latch or dead bolt deadlocks latch bolt.</li> </ul>

 Indicates SFIC core available.

 Indicates rigid lever.

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

**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.

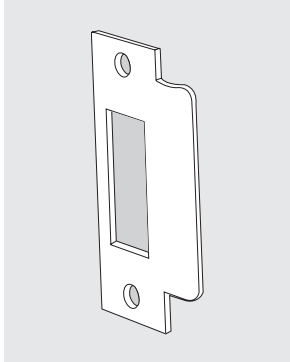
RX and LM monitoring available on the following functions: M9010, M9025, M9050, M9080, M9080EL, M9080EU.

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.

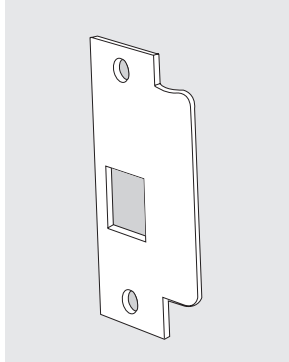
**CAUTION:** Not recommended for use on any door used for Life Safety egress.

**4-7/8" Non-Handed Strike**



**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. Additional strikes are available in the following lip lengths: 7/8", 1-1/2", 1-3/4", 2", and 2-1/4". Includes dust box.

**4-7/8" Handed Strike**



**5007** — ANSI 1-1/4" × 4-7/8" curved lip strike. 1-1/4" lip length. Optional handed strike for the following non-deadbolt 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.

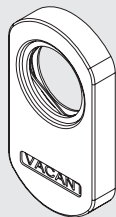
**Tactile Warning (Knurling)**



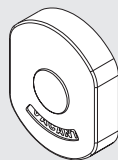
Grooved or knurled levers available on LR, LT and LG designs only. All other lever and knob designs available with abrasive coating only.

**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.



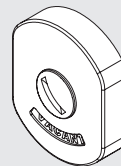
**79019**



**79020**



**79021**



**79022**

**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 dead bolt functions only used on 1-3/4"-2-1/8" thick doors. Consult factory for thicker door applications.
- Specify Finish. Example: 79019 626.



[www.dorma-usa.com](http://www.dorma-usa.com)



**Door Hardware**



**Glass Systems**



**Door Automation**



**Revolving Doors**



**Moveable Walls**

**DORMA Americas**

**DORMA Architectural Hardware**

Dorma Drive, Drawer AC  
Reamstown, PA 17567  
TEL: 800 523 8483  
FAX: 800 274 9724  
[archdw@dorma-usa.com](mailto:archdw@dorma-usa.com)

**DORMA Canada**

1680 Courtney Park Drive, Unit 13  
Mississauga, Ontario L5T 1R4  
TEL: 800 387 4938  
FAX: 905 670 5850  
[sales@dormacanada.com](mailto:sales@dormacanada.com)

**DORMA Mexico**

Astrónomos 28, Col. Escandón  
México, D.F. 11800  
Del. Miguel Hidalgo  
TEL: 5255 5272 6937  
FAX: 5255 5272 6948  
[operacion@dorma.com.mx](mailto:operacion@dorma.com.mx)