

SILENT **PAC**TM
by ACCURATE

**QUIET
LOCK**

Reduce Disturbance From Door Noise.
Dramatically.

THE COMPLETE QUIET PACKAGE: 9100Q QUIET LOCK + LEVER DAMPENING DISC

SILENTPAC™ by ACCURATE



Reduce disturbance from door noise. Dramatically.

SilentPac™ by Accurate is a suite of acoustically engineered door hardware designed to soften noise from opening and closing doors, ultimately resulting in more peaceful and quiet environments.



REDUCE NOISE UP TO 16X

Experience ultra quiet environments



SIMPLE INSTALLATION

Ideal for both new doors and retrofit applications



MAINTAIN AESTHETICS

Designed to be compatible with most other brands' hardware for maximum flexibility



SILENTPAC™

by ACCURATE

SOLUTIONS

ACCURATE LOCK SERIES	ADD SilentPac™ LEVER DAMPENING DISC (SP)	DESCRIPTION
9100Q	X	Complete Quiet Package 9100Q Quiet Lock with SilentPac™ Lever Dampening Disc
9100Q		Quiet Lock with No Lever Dampening Disc
9100	X	Regular 9100 lock with Lever Dampening Disc
8500	X	8500 Lock with Lever Dampening Disc
8800	X	8800 Lock with Lever Dampening Disc
9500	X	9500 Lock with Lever Dampening Disc
9800	X	9800 Lock with Lever Dampening Disc
8800ML	X	8800 Magnetic Latch with Lever Dampening Disc
9100ML	X	9100 Magnetic Latch with Lever Dampening Disc
9500ML	X	Quietest Interior Mortise Set 9500 Magnetic Latch with Lever Dampening Disc
9800ML	X	Quietest Interior Mortise Set 9800 Magnetic Latch with Lever Dampening Disc
2002Q		2002CPDL Pocket Door Lock with Integrated Quiet Edge Pull
2000Q		2000 Pocket Door Quiet Edge Pull
2002CPDP-Q		2002CPDP Pocket Door Quiet Edge Pull
2002CPDS-Q		2002CPDS Pocket Door Strike with Integrated Quiet Edge Pull

THE COMPLETE QUIET PACKAGE

SILENT **PAC**[™]
by ACCURATE

QUIET
LOCK

SILENT **PAC**[™]
by ACCURATE

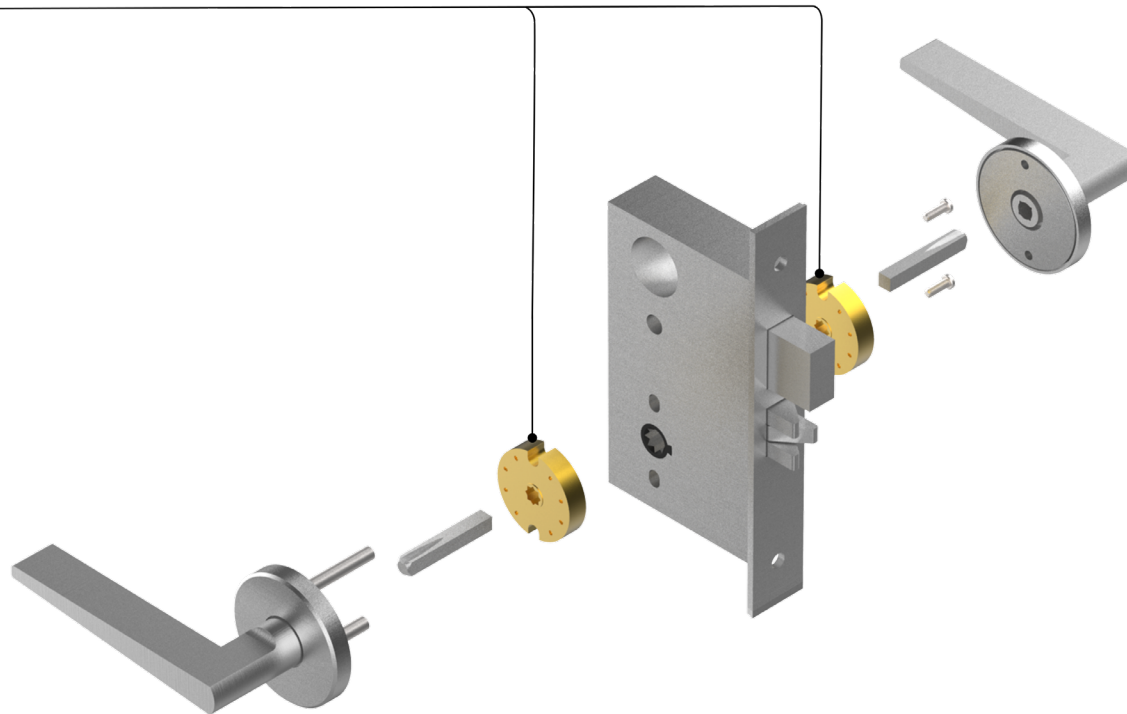
LEVER
DAMPENING DISC

The Complete Quiet Package

9100Q Quiet Lock + Lever Dampening Disc

SILENTPAC™
ACCURATE

LEVER
DAMPENING DISC

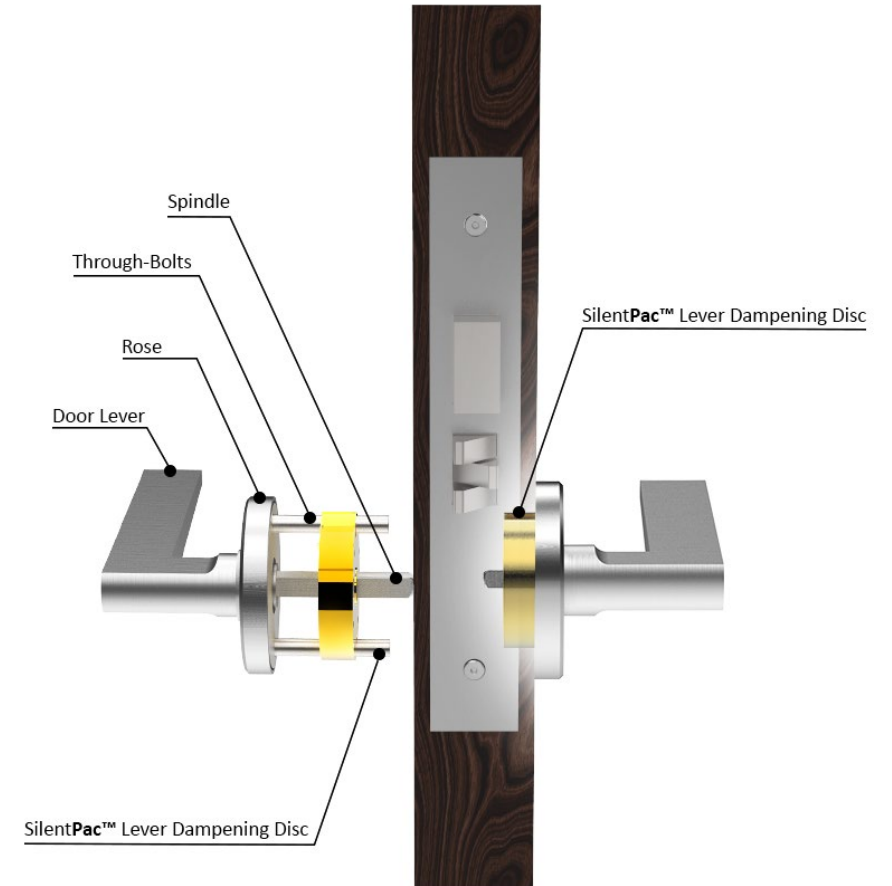


Lever Dampening Disc Dimensions

Diameter: $1\frac{3}{4}$ "

Thickness: $\frac{13}{32}$ "

Through-bolting: $1\frac{1}{2}$ " – $1\frac{11}{16}$ " OC



Shown here with 9139Q Privacy Lock that requires a split spindle and 2 SilentPac™ Lever Dampening Discs.

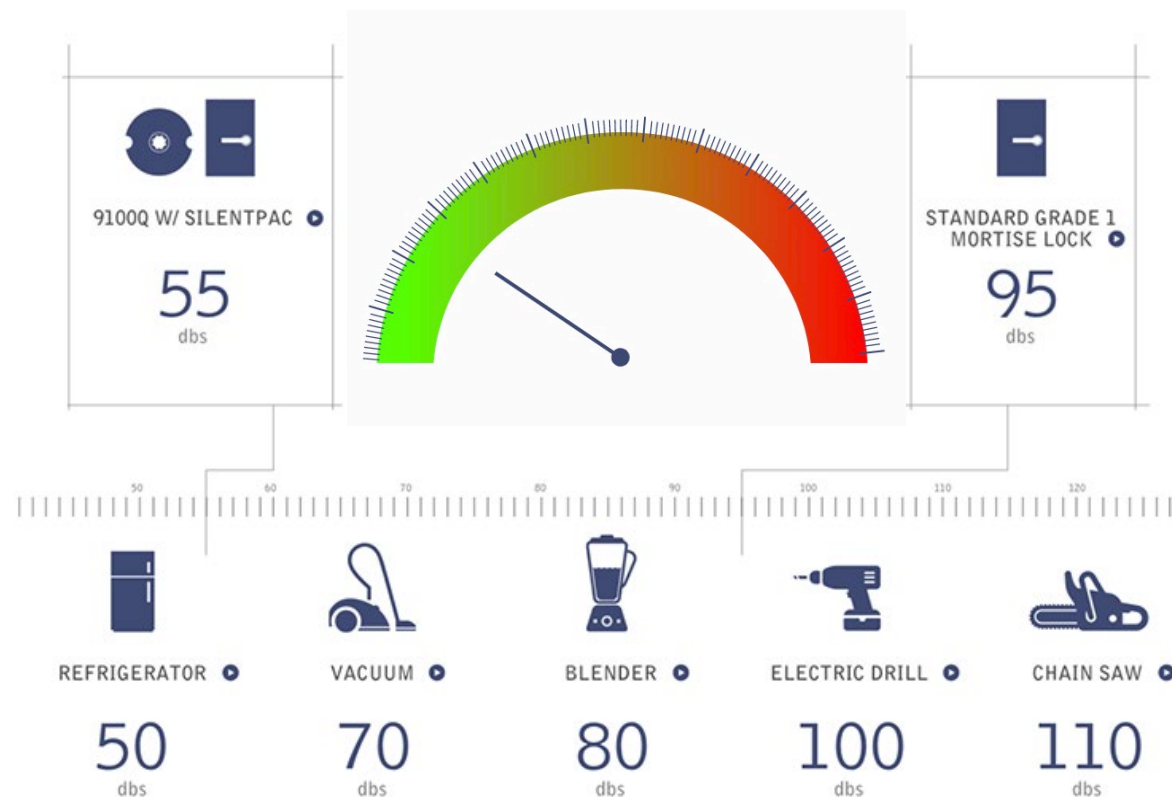
The Complete Quiet Package

9100Q Quiet Lock + Lever Dampening Disc

TECHNICAL DETAILS

- Functions at 55 decibels, 16x decibel reduction compared to standard Grade 1 mortise locks
- UL Listed 3 Hour (R134846)
- Grade 1 certified to ANSI/BHMA A156.13.2005
- Insulated lock body features noise muffling for lower decibel reduction
- Cushioned Latch bolt: softens noise common to latch firing into strike
- For doors with stiles 4" and greater
- Available in upside down configuration (lever/knob high)
- Simple installation for retrofit or new doors
- Patent-pending

Understanding Decibel Levels



EXPERIENCE THE DIFFERENCE

Open the door to quieter environments. See and hear how SilentPac™ Solutions operate compared to standard door hardware.

www.silentpacsolutions.com



ACCURATE LOCK SERIES COMPATIBILITY

- 9100Q
- 9100
- 8500/8800
- 8800ML
- 9100ML
- 9500ML/9800ML

MORTISE LOCK COMPATIBILITY

Compatible with most through-bolted mortise locks

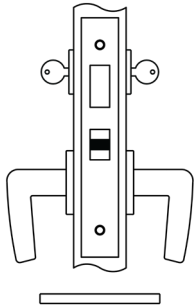
- Accurate
- Corbin Russwin
- Sargent
- Schlage

TRIM COMPATIBILITY

Please call for availability of additional trim options.

- Accurate Levers
- Baldwin
- Corbin Russwin
- Classic Brass
- FSB
- Schlage

Functions: SilentPac™ Quiet Lock 9100Q

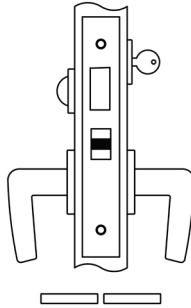


9122Q STORE DOOR

Latch bolt by lever either side.

Deadbolt by key either side.

No emergency egress.

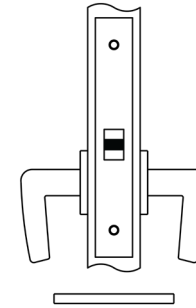


9124Q DORMITORY

Latch bolt by lever either side.

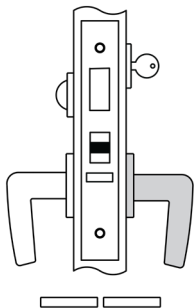
Deadbolt by key outside, thumbturn inside.

A turn of the inside lever retracts latch and deadbolt simultaneously, automatically unlocking outside lever.



9125Q PASSAGE

Latch bolt by lever either side.

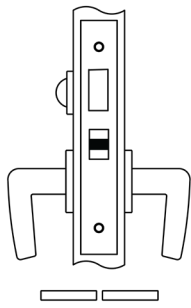


9134Q HOTEL

Latch bolt by lever inside and key outside.
Outside lever always rigid.

Deadbolt by thumbturn inside.

A turn of inside lever retracts latch and deadbolt simultaneously, automatically unlocking outside lever.

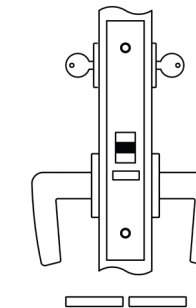


9139Q PRIVACY

Latch bolt by lever either side.

Deadbolt by thumbturn and optional emergency coin turn outside.

A turn of inside lever retracts latch and deadbolt simultaneously.



9142Q ENTRANCE OR PUBLIC RESTROOM

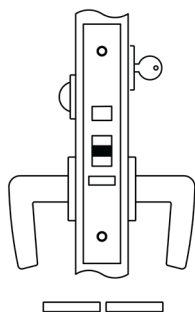
Latch bolt by lever either side unless outside lever is locked by Master Key from inside.

When outside lever is locked, latch bolt by key outside and lever inside.

Auxiliary latch deadlocks latch bolt.

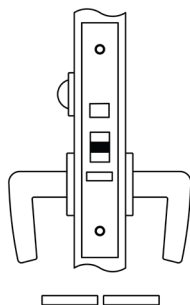
Note: 9100ADL Active Dummy Lock Function is not available with the 9100Q lock, however it is compatible with the Lever Dampening Disc

Functions: SilentPac™ Quiet Lock 9100Q



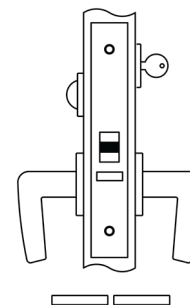
9143Q INSTITUTIONAL PRIVACY

Latch bolt by lever either side unless outside lever is locked by thumb turn.
Thumb turn locks or unlocks outside lever.
Key locks or unlocks outside lever.
Key retracts latch as an independent function of the thumb turn to allow retraction if thumb turn is forcibly held in locked position.
Auxiliary latch deadlocks latch bolt.
Outside lever unlocks when inside lever is turned **or** door closes.



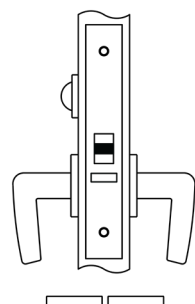
9143EQ INSTITUTIONAL PRIVACY EMERGENCY RELEASE

Latch bolt by lever either side unless outside lever is locked by thumb turn.
Thumb turn locks or unlocks outside lever.
Emergency release locks or unlocks outside lever.
Auxiliary latch deadlocks latch bolt.
Outside lever unlocks when inside lever is turned **or** door closes.



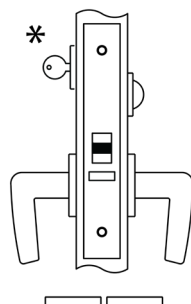
9144Q INSTITUTIONAL PRIVACY

Latch bolt by lever either side unless outside lever is locked by thumb turn.
Thumb turn locks or unlocks outside lever.
Key locks or unlocks outside lever.
Key retracts latch as an independent function of the thumb turn to allow retraction if thumb turn is forcibly held in locked position.
Auxiliary latch deadlocks latch bolt.
Outside lever unlocks when inside lever is turned (closing door will not unlock outside lever).



9144EQ INSTITUTIONAL PRIVACY EMERGENCY RELEASE

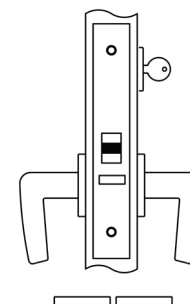
Latch bolt by lever either side unless outside lever is locked by thumb turn.
Thumb turn locks or unlocks outside lever.
Emergency release locks or unlocks outside lever.
Auxiliary latch deadlocks latch bolt.
Outside lever unlocks when inside lever is turned (closing door will not unlock outside lever).



9144TOQ TIME-OUT

Latch retracted by lever either side unless outside thumb turn is rotated and held into position to temporarily lock inside lever.
When thumb turn is released by user, inside lever unlocks.

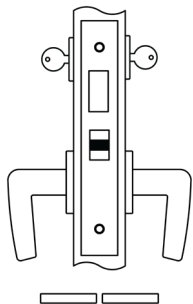
*Optional key inside retracts latch for emergency exit in case t-turn is held by unauthorized person outside.



9145Q CLASSROOM

Latch bolt by key outside and lever either side unless outside lever is locked by key.
Auxiliary latch deadlocks latch bolt.

Functions: SilentPac™ Quiet Lock 9100Q



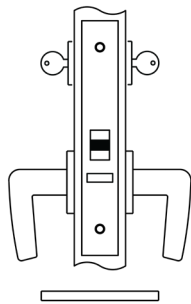
9145SQ CLASSROOM SECURITY

Latch bolt by lever either side unless outside lever is locked by key outside or inside.

When locked, latch bolt retracted by key inside or outside or lever inside.

Inside lever is always free.

Auxiliary latch deadlocks latch bolt.



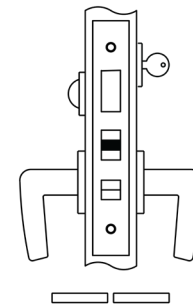
9146Q CLASSROOM DOUBLE LOCKING

Latch bolt by key from either side.

Key from either side locks and unlocks outside **and** inside* levers.

Auxiliary latch deadlocks latch bolt.

**Inside lever is not always free. Verify code compliance before using this function.*



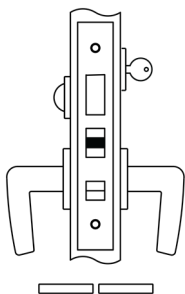
9148Q ENTRANCE

Latch bolt by key outside and lever either side unless outside lever is locked by toggle action stop.

Deadbolt by key outside and turn piece inside.

Turning inside lever retracts latch and deadbolt simultaneously.

Outside lever remains locked until manually unlocked by toggle.



9149Q ENTRANCE

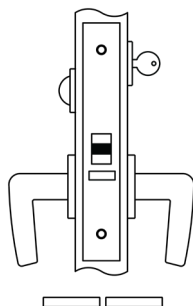
Latch bolt by key outside and lever either side unless outside lever is locked by toggle action stop.

Deadbolt by key outside and turn piece inside.

Turning inside lever retracts latch and deadbolt simultaneously.

Outside lever remains unlocked until manually locked by toggle or projection of deadbolt.

Note: Function not offered on thumb grip x thumb grip applications.

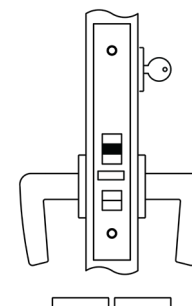


9153Q ENTRANCE

Latch bolt by key outside and lever either side unless outside lever is locked by thumb turn or key.

Key or thumb turn locks or unlocks outside lever.

Auxiliary latch deadlocks latch bolt.

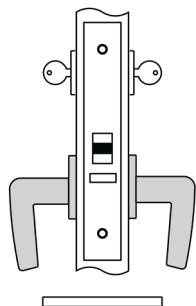


9156Q ENTRANCE OR OFFICE

Latch bolt by key outside and lever either side unless outside lever is locked by toggle action stop.

Auxiliary latch deadlocks latch bolt.

Functions: SilentPac™ Quiet Lock 9100Q



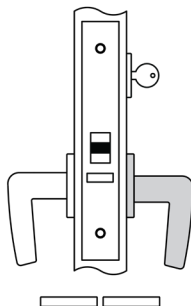
9158Q INSTITUTIONAL OR ASYLUM

Latch by key either side.

Inside* and outside lever always **rigid**.

Auxiliary latch deadlocks latch bolt.

**Verify code compliance before using this function.*

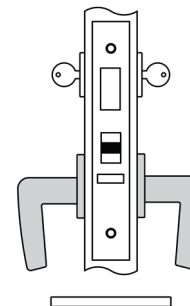


9159Q STOREROOM

Latch by lever inside and key outside.

Outside lever always **rigid**.

Auxiliary latch deadlocks latch bolt.



9160Q ASYLUM WITH DEADBOLT

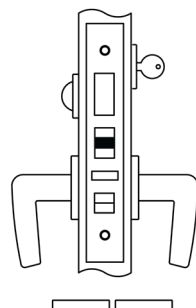
Latch by key either side.

Deadbolt by key either side (key projects deadbolt and retracts latch bolt and deadbolt).

Inside* and outside handle always **rigid**.

Auxiliary latch deadlocks latch bolt.

**Verify code compliance before using this function.*



9167Q ENTRANCE

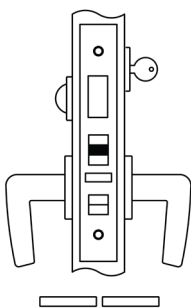
Latch bolt by key outside and lever either side, unless outside lever is locked by toggle-action stop.

Deadbolt by key outside and turn piece inside.

Turning inside lever retracts latch and deadbolt simultaneously.

Outside lever remains locked until manually unlocked by toggle.

Auxiliary latch dead locks latch bolt and prevents manipulation of locked toggle-action stop.



9169Q ENTRANCE

Latch bolt by key outside and lever either side, unless outside lever is locked by toggle-action stop.

Deadbolt by key outside and turn piece inside. Turning inside lever retracts latch and deadbolt simultaneously.

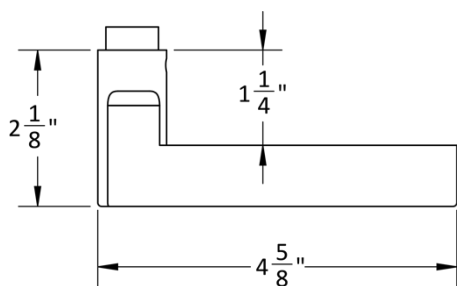
Outside lever remains unlocked until manually locked by toggle or projection of deadbolt.

Auxiliary latch dead locks latch bolt and prevents manipulation of locked toggle-action stop.

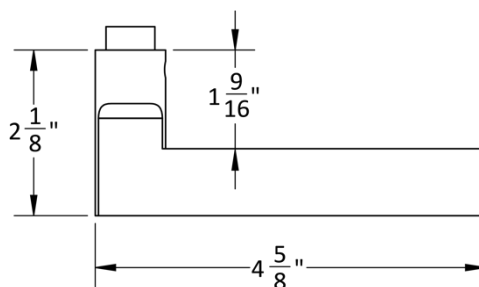
**Function not offered on thumb grip x thumb grip applications.*

Accurate Lever Trim

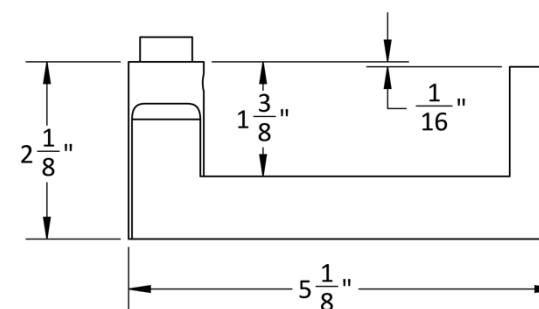
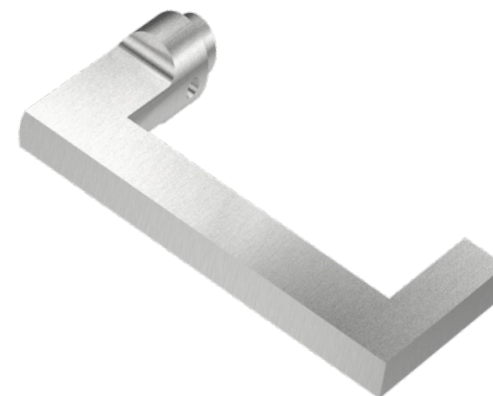
18L LEVER



19L LEVER

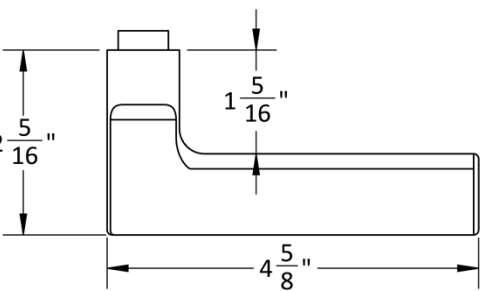


20L LEVER

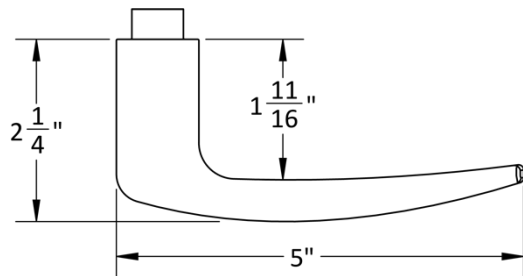


Accurate Lever Trim

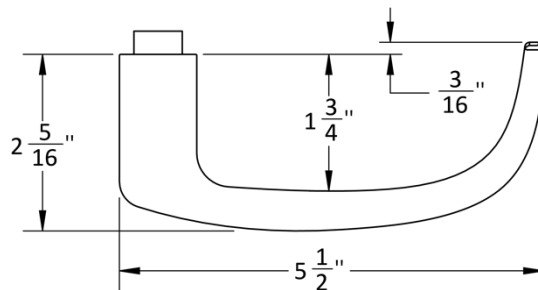
21L LEVER



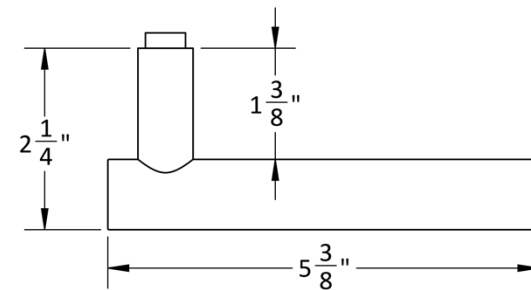
29L LEVER



39L LEVER



72L LEVER



Accurate Rose Options

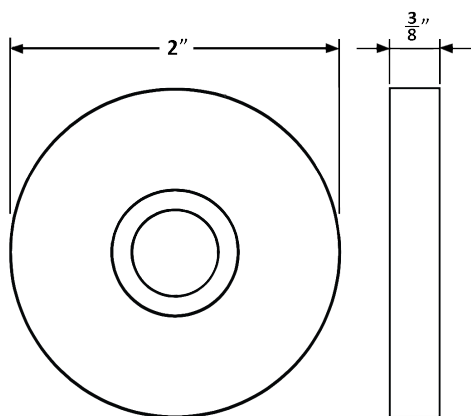
Compatible with All Accurate Levers

1R ROSE

Front



Side



2R ROSE*

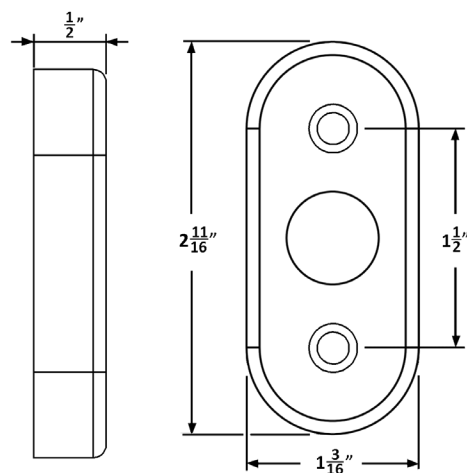
Side



Inside



Outside



4R ROSE*

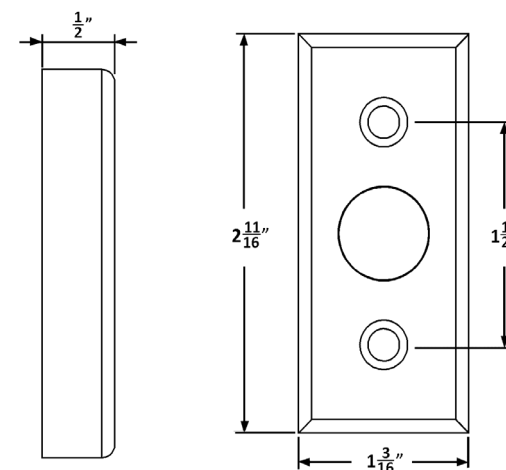
Side



Inside



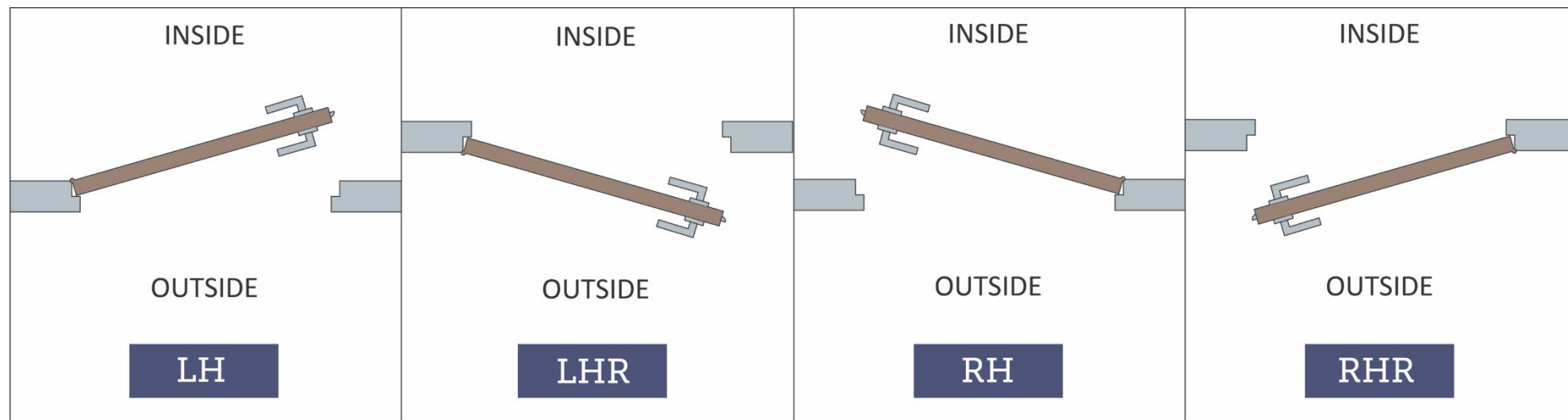
Outside



*2R + 4R Roses is not compatible with SilentPac™ Lever Dampening Disc
Escutcheon options also available based on lock function.

HOW TO SPECIFY

HANDING



FINISHES

GROUP 1: US4, US4NL, US32D*, US26D

GROUP 2: US3, US3NL, US26, US32*, US9*, US10*, US10B, US14, US15, US19

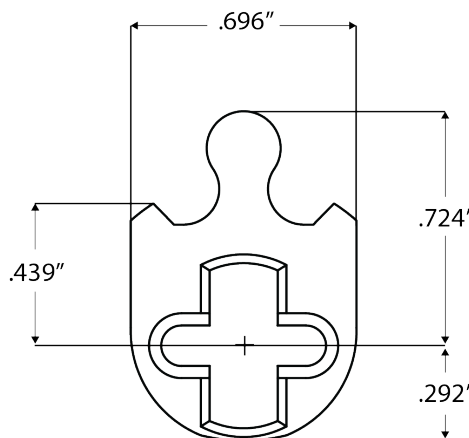
GROUP 3: BN, BB, TN, TB, DURO, ESN, US15A, US5

* Trim options (including Accurate levers) may not be available in US32D, US32, US9, or US10 finish. Please call for assistance.

To view example of finishes visit: [Accurate Finishes](#).

CYLINDERS & KEYING

9100Q Series accepts any standard American mortise cylinder. For details on required cams and compatibility with other manufacturers' cylinders, please visit: [Accurate Support](#).



HOW TO SPECIFY

FUNCTION.SP.BACKSET.TRIM.FINISH.HAND.DOORTHICKNESS

Functions

- See available functions (pg. 8-11)
- Some functions available with occupancy indicator (i)
- Specify indicator trim separately

SilentPac™ Lever
Dampening Disc

Available Backsets:
2¹/₂" , 2³/₄"
3³/₄" , 5" , 6"

Finishes
See available finishes
pg.14

- Example Trim Options:**
- Accurate Lever Trim
 - Accurate Crescent Trim
 - Other Manufacturers' Trim
- (Verify compatibility on pg. 3, please call for assistance)*
- Configurations:**
- LxL, KxK, KxL, TPxK,, TPxL, TPxTP
- (Not all configurations compatible with SilentPac™ Lever Dampening Disc)*
- Hub Size:**
- Specify hub size or architectural hardware brand lever/knob

EXAMPLES

Accurate 9100Q | NO SilentPac™ | Other Manufacturers' Trim
(SilentPac™ not yet available for use with Sargent trim)
E.g. 9125Q.234.SARGENT TRIM.US32D.RH.134

Accurate 9100Q | SilentPac™ | Accurate Lever Trim with Rose
E.g. 9139Q.SP.234.18L/1R.US26.LH.214

Accurate 9100Q | SilentPac™ | Accurate Crescent Trim with Indicator
E.g. CH 9145Qi.SP.234.US26D.RH.134

Accurate 9100Q | SilentPac™ | Accurate Lever with Escutcheon and Indicator
E.g. 9124Qi.SP.234.19L/1E.US32D.RH.134

Accurate 9100Q | NO SilentPac™ | Thumb Press x Lever, 8mm Spindle
(Other Manufacturers' Trim)
E.g. 9148Q.212.TPxL.8mm.US26.LH.134

ACCURATE LOCK & HARDWARE MANUFACTURERS OF LOCKS AND CUSTOM ARCHITECTURAL HARDWARE

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E: sales@accuratelockandhardware.com

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www.accuratelockandhardware.com





ACCURATE

LOCK & HARDWARE

AMERICAN CRAFTED SINCE 1972

9100SEC HIGH SECURITY MORTISE LOCK

WITHSTANDS 300X MORE ABUSE



RESIDENTIAL & COMMERCIAL BEHAVIORAL HEALTH

This detention-grade mortise lock can be paired with any architectural trim in residential or commercial settings. Achieve optimal safety without compromising style.



Shown here with ADA compliant + ligature resistant trim featuring paperclip protection. Ideal for use in behavioral healthcare settings.



INSTITUTIONAL

Paired with high security, detention grade trim, this lockset ensures the prevention of unauthorized passage to secure areas, confines inmates and will delay or frustrate escape attempts.

9100SEC HIGH SECURITY MORTISE LOCK

DETAILS

- Proven to withstand over 300 times more abuse than the standard Grade 1 mortise lock requirement.
- Originally developed to resist physical attack & vandalism in detention facilities.
- For use in residential entrances, schools/universities, detention centers and healthcare facilities.
- Ideal for new and retrofit installations.
- Available in all functions and a variety of backsets.
- Can be used with a variety of commercial, residential, and specialty trim in a standard ANSI mortise prep.
- Conforms to Federal Specification FF-H-106 Series 86/87.
- Achieve optimal safety without compromising style.

ADVANTAGES

- Patent pending technology
- Compatibility with industry master key systems
- Anti-vandal trim features 2-point lever attachment for added security preventing removal and conversion into weapon
- Customizable solution unique to facility needs
- Rapid prototyping and fabrication
- Compatible with other manufacturer security trim
- Ligature resistant applications
- Optional large escutcheons for existing door retrofits/upgrade

	Standard Mortise Lock	High Security Mortise Lock
Standard Grade 1 Test: [ANSI/BHMA A156.13] 2 blows @60 ft/lbs 2 blows @90ft/lbs 2 blows @120 ft/lbs 2 blows @150 ft/lbs	✓	✓
Detention Grade 1 Test: [ASTM F1577-05] 600 blows @200 ft/lbs in 60 mins		Latchbolt Only: 600 blows @200 ft/lbs in 60 mins ✓
		Latchbolt and Deadbolt: 2,400 blows @200 ft/lbs in 4 hours ✓✓✓✓ Exceeded passing results by 4X

9100SEC HIGH SECURITY MORTISE LOCK

UL Listed 3 Hour (R13846).

Grade 1 Certified to ANSI/BHMA A156.13.2005.

Exceeds ASTM F1577-95b Security Grade 1 (2,400 Impacts)

BACKSET: 2 ½", 2 ¾"

Other backsets available as a special order.

CASE: Heavy Gauge, Plated Steel.

LATCH BOLT: .687 thick

ARMOR FRONT: Fortified stainless steel with adjustable bevel.

Features SHOCK PROOF linkage that absorbs lock case deflection during impact

Deadbolt: Hardened 1.25" (32mm) solid stainless steel bolt x 1" (25mm) throw.

Latch bolt: Single solid stainless steel latch bolt with 1" (25mm) overall height x ¾" (19mm) throw

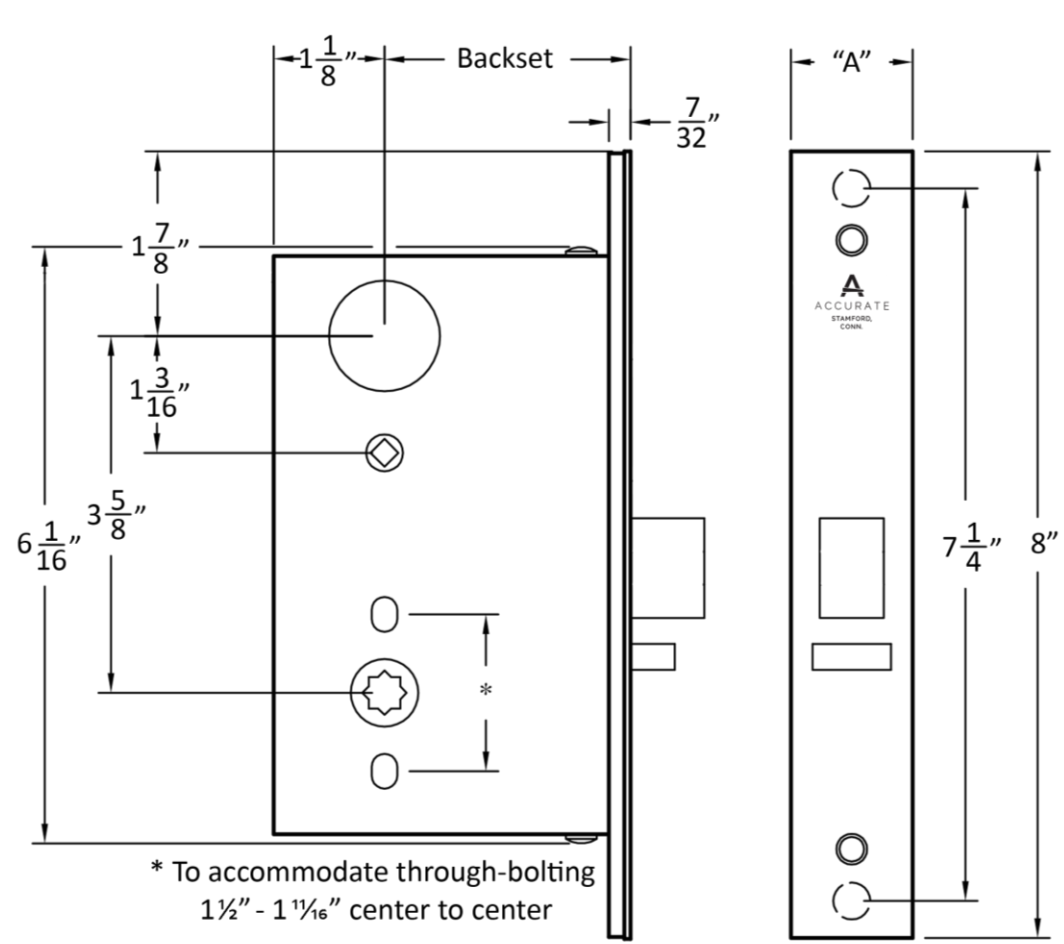
All exposed screws are Torx Security type



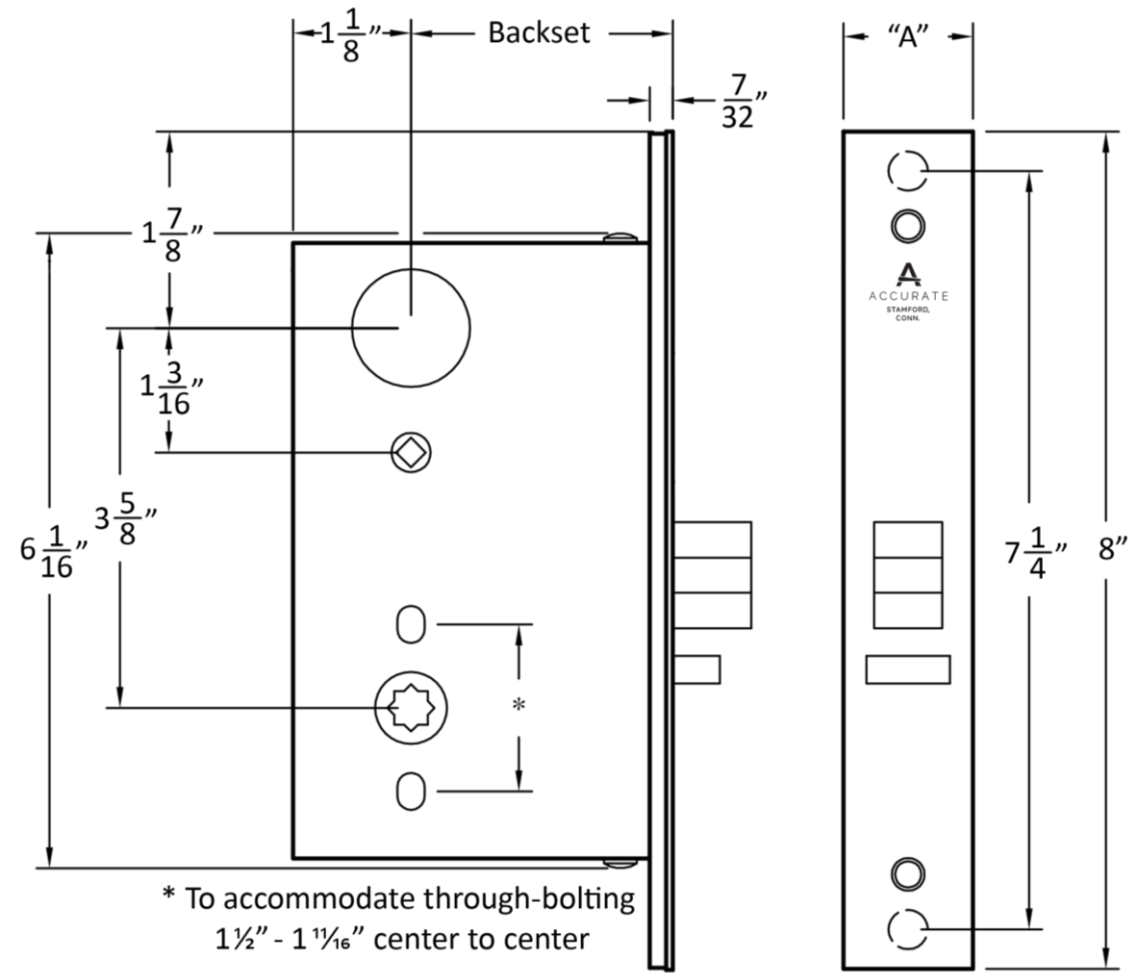
9167SEC



LOCK SPECIFICATIONS

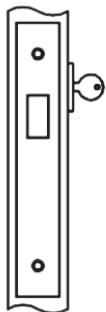


"A" 9100SEC - 1 1/4"
9000SEC - 1"



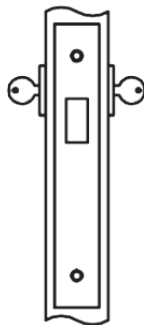
"A" 9100 Series - 1 1/4"
9000 Series - 1"

9100SEC FUNCTIONS



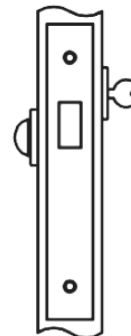
9101SEC (F18) DEADLOCK

Deadbolt by key outside, no inside operation.



9102SEC (F16) DEADLOCK

Deadbolt by key either side.



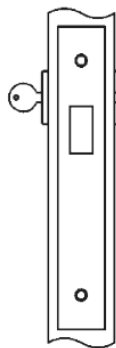
9103SEC (F17) DEADLOCK

Deadbolt by key outside and turn piece inside.



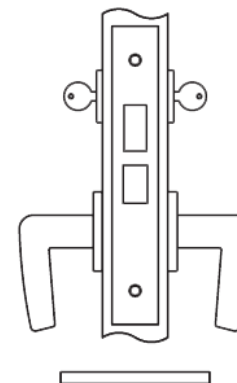
9104SEC DEADLOCK

Deadbolt by turn piece inside, no outside operation.



9105SEC DEADLOCK

Deadbolt by turn piece inside and emergency key outside.



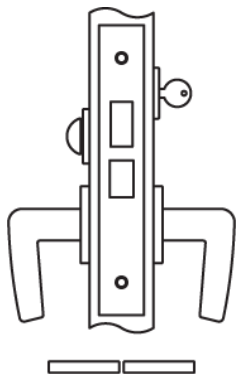
9122SEC (F14) STORE DOOR

Latch bolt by lever either side.

Deadbolt by key either side.

No emergency egress.

9100SEC FUNCTIONS

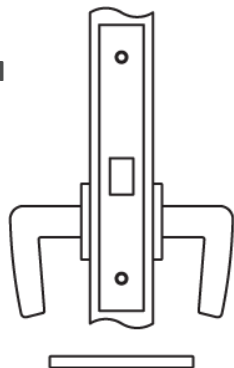


9124SEC (F13) DORMITORY, ENTRANCE OR STOREROOM

Latch bolt by lever either side.

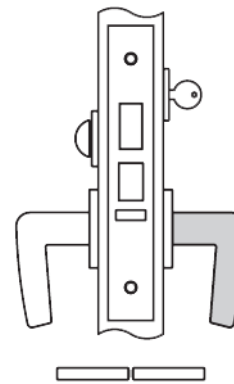
Deadbolt by key outside and turn piece inside.

Turn of inside lever retracts latch and deadbolt simultaneously, automatically unlocking outside lever.



9125SEC (F01) PASSAGE

Latch bolt by lever either side.



9134SEC (F15) HOTEL OR MOTEL

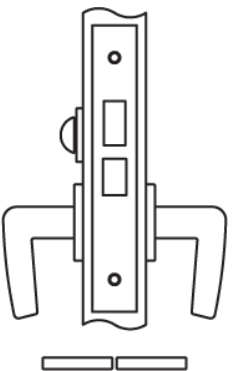
Latch bolt by lever and Guest or Master Key outside.

Outside lever always rigid.

Deadbolt by turn piece inside.

Turn of inside lever retracts latch and deadbolt simultaneously.

Auxiliary latch deadlocks latch bolt.

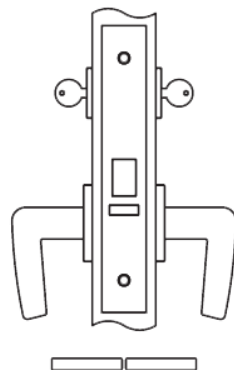


9139SEC (F19) PRIVACY BEDROOM OR BATHROOM

Latch bolt by lever either side.

Deadbolt by turn piece inside and optional emergency key outside.

Turn of inside lever retracts latch and deadbolt simultaneously, automatically unlocking outside lever.

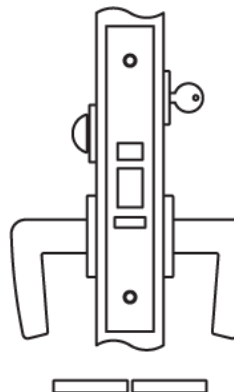


9142SEC (F09) ENTRANCE

Latch bolt by lever either side unless outside lever is locked by Master key from inside.

When outside lever is locked, latch bolt by key outside and lever inside.

Auxiliary latch deadlocks latch bolt.



9143SEC INSTITUTIONAL PRIVACY

Latch bolt by lever either side unless outside lever is locked by thumb turn.

Thumb turn locks or unlocks outside lever.

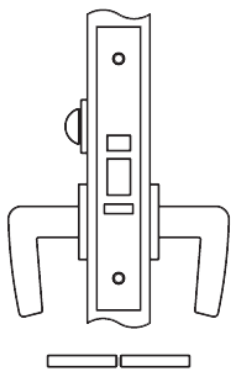
Key locks or unlocks outside lever.

Key retracts latch as an independent function of the thumb turn to allow retraction if thumb turn is forcibly held in locked position.

Auxiliary latch deadlocks latch bolt.

Outside lever unlocks when inside lever is turned or door closes.

9100SEC FUNCTIONS



9143SEC-E INSTITUTIONAL PRIVACY – EMERGENCY RELEASE

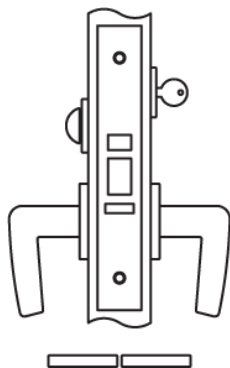
Latch bolt by lever either side unless outside lever is locked by thumb turn.

Thumb turn locks or unlocks outside lever.

Emergency release locks or unlocks outside lever.

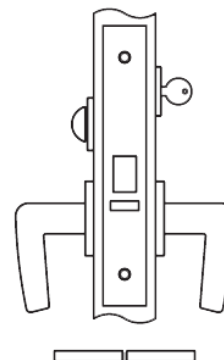
Auxiliary latch deadlocks latch bolt.

Outside lever unlocks when inside lever is turned or door closes.



9143SEC-i INSTITUTIONAL PRIVACY – OCCUPANCY INDICATOR

Same operation as 9143 Institutional Privacy (specify Occupancy Indicator trim separately).



9144SEC INSTITUTIONAL PRIVACY

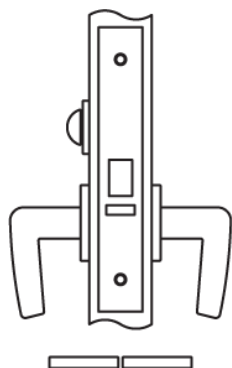
Latch bolt by lever either side unless outside lever is locked by thumb turn.

Thumb turn locks or unlocks outside lever.

Key locks or unlocks outside lever.

Key retracts latch as an independent function of the thumb turn to allow retraction if thumb turn is forcibly held in locked position.

Auxiliary latch deadlocks latch bolt.



9144SEC-E INSTITUTIONAL PRIVACY – EMERGENCY RELEASE

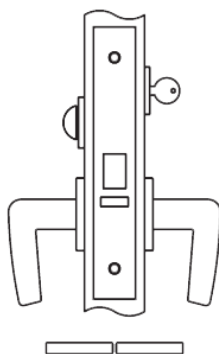
Latch bolt by lever either side unless outside lever is locked by thumb turn.

Thumb turn locks or unlocks outside lever.

Emergency release locks or unlocks outside lever.

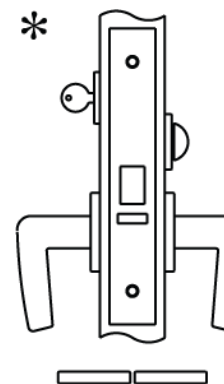
Auxiliary latch deadlocks latch bolt.

Outside lever unlocks when inside lever is turned (closing door will not unlock outside handle).



9144SEC-i INSTITUTIONAL PRIVACY - OCCUPANCY INDICATOR

Same operation as 9144 Institutional Privacy (specify Occupancy Indicator Trim separately).



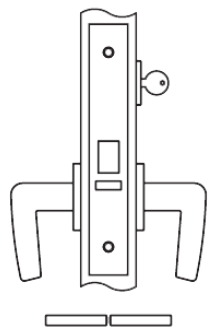
9144SEC-TO TIME-OUT

Latch retracted by lever either side unless outside thumb turn is rotated and held into position to temporarily lock inside lever.

When thumb turn is released by user, inside lever unlocks.

**Optional key inside retracts latch for emergency exit in case thumb turn is held locked by unauthorized person outside.*

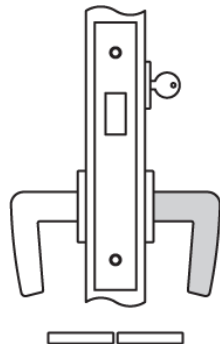
9100SEC FUNCTIONS



9145SEC CLASSROOM

Latch bolt by key outside and lever either side unless outside lever is locked by key.

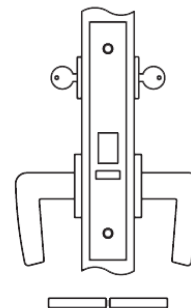
Auxiliary latch deadlocks latch bolt.



9145SEC-D CLASSROOM

Deadbolt by key outside.

Inside lever will retract deadbolt.



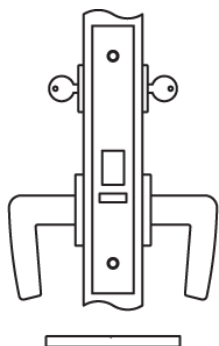
9145SEC-S CLASSROOM SECURITY

Latch bolt by lever either side unless outside lever is locked by key outside or inside.

When locked, latch bolt retracted by key either side or by lever inside.

Inside lever is always free.

Auxiliary latch deadlocks latch bolt.



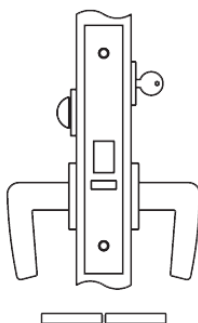
9146SEC CLASSROOM DOUBLE LOCKING

Latch bolt by key from either side.

Key from either side locks and unlocks outside and inside* levers.

Auxiliary latch deadlocks latch bolt.

**Verify code compliance before specifying this function.*

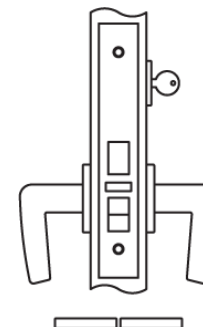


9153SEC (F04) ENTRANCE OR OFFICE

Latch bolt by key outside and lever either side unless outside lever is locked by thumb turn or key.

Key or thumb turn locks or unlocks outside lever.

Auxiliary latch deadlocks latch bolt.

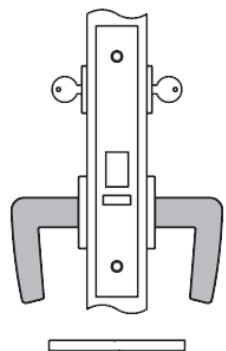


9156SEC (F04) ENTRANCE OR OFFICE

Latch bolt by key outside and lever either side unless outside lever is locked by toggle-action stop.

Auxiliary latch deadlocks latch bolt.

9100SEC FUNCTIONS



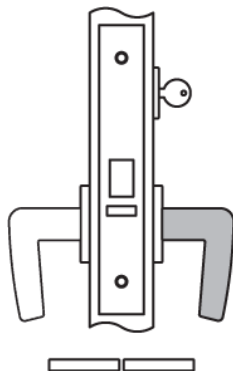
9158SEC (F30) INSTITUTION OR ASYLUM

Latch by key either side.

Inside* and outside handle is always RIGID.

Auxiliary latch deadlocks latch bolt.

**Verify code compliance before specifying this function.*

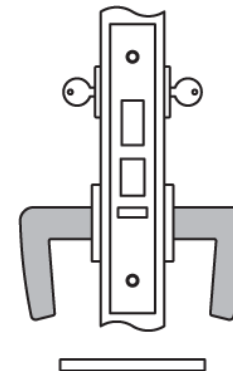


9159SEC (F07) STOREROOM OR CLOSET

Latch by lever inside and key outside.

Outside lever always rigid.

Auxiliary latch deadlocks latch bolt.



9160SEC ASYLUM WITH DEADBOLT

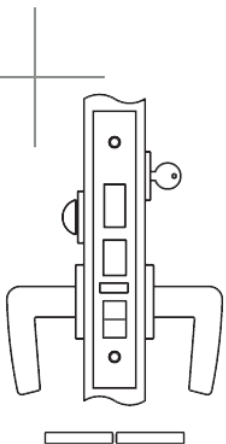
Latch by key either side.

Deadbolt by key either side (key projects deadbolt and retracts latch bolt and deadbolt).

Inside* and outside lever always rigid.

Auxiliary latch deadlocks latch bolt.

**Verify code compliance before using this function.*



9167SEC (F20) ENTRANCE OR APARTMENT LOCK

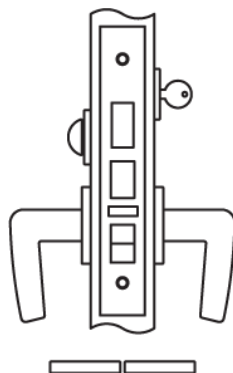
Latch bolt by key outside and lever either side, unless outside lever is locked by toggle-action stop.

Deadbolt by key outside and turn piece inside.

Turning inside lever retracts latch and deadbolt simultaneously.

Outside lever remains locked until manually unlocked by toggle.

Auxiliary latch deadlocks latch bolt and prevents manipulation of locked toggle-action stop.



9169SEC ENTRANCE OR APARTMENT LOCK

Latch bolt by key outside and lever either side, unless outside lever is locked by toggle-action stop.

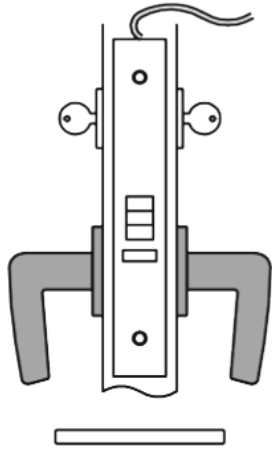
Deadbolt by key outside and turn piece inside.

Turning inside lever retracts latch and deadbolt simultaneously.

Outside lever remains unlocked until manually locked by toggle or projection of deadbolt.

Auxiliary latch deadlocks latch bolt and prevents manipulation of locked toggle-action stop.

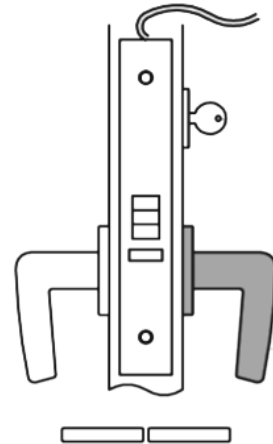
M915XE-SEC TECHNICAL DETAILS



M9158E

Latch bolt by key either side.

Auxiliary latch deadlocks latch bolt.



M9159E

Inside trim always free.

Latch bolt by key outside.

Auxiliary latch deadlocks latch bolt.

M9058E/M9059E for doors $1\frac{3}{8}$ minimum ($1\frac{1}{4}$ " armor front)

M9158E/M9159E for doors $1\frac{3}{4}$ minimum (1" armor front)

UL Listed 3 Hour (Mechanics and Electronics)

Grade 1 Certified to ANSI/BHMA A156.13.2005 Standard

FAIL SECURE OPERATION*: Inside and outside trim unlocked when power is applied and locked when power is removed.

FAIL SAFE OPERATION: Inside and outside trim locked when power is applied and unlocked when power is removed. Lockset will unlock in the event of power failure.

BACKSETS: $2\frac{1}{2}$ ", $2\frac{3}{4}$ ", $3\frac{3}{4}$ ", 5" or 6"

OPERATION: Key Cylinder (by others) will override electronics to retract latch bolt

12-24V AC/DC (10.8V-26.4V Operating Range)

250mA MAX Inrush

10mA MAX Holding

Non-polarized Leads

*Lock is furnished as FAIL SECURE.

Cutting the yellow wire loop changes lock to FAIL SAFE after cycling power once.

M915XE-SEC MONITORING FUNCTIONS

AE - AUTHORIZED EGRESS

Also referred to as REQUEST TO EXIT (or REX switch), monitors the activation of the inside trim “when lockset is in the locked position only”.

ELECTRICAL SPECIFICATIONS:

SPDT Mechanical switch

Voltage	Current
125 VAC	3 AMP
30 VDC	2 AMP

LM – LATCH BOLT MONITORING

Monitors the full extension of the main latch

ELECTRICAL SPECIFICATIONS:

SPDT Mechanical switch

Voltage	Current
125 VAC	3 AMP
30 VDC	2 AMP

AM – DEAD LATCH MONITORING

Monitors the auxiliary latch. To activate switch the lockset must be in the closed position with the auxiliary latch depressed and main latch extended.

ELECTRICAL SPECIFICATIONS:

SPDT Mechanical switch

Voltage	Current
125 VAC	3 AMP
30 VDC	2 AMP

LB – LOCKING BAR MONITORING

Monitors the position of the locking bar function of the lockset.

ELECTRICAL SPECIFICATIONS:

SPDT Mechanical switch

Voltage	Current
125 VAC	3 AMP
30 VDC	2 AMP

M915XE-SEC MONITORING FUNCTIONS

SM – SECURITY MONITORING

A combination of AM and LB, SM monitors IN SERIES* the status of the locking bar (locked or unlocked position) and the status of the auxiliary latch (dead latch position).

Lockset must be locked with the main latch extended and the auxiliary latch depressed to get a secure signal. If any of the conditions are not met, lockset goes into an unsecure mode.

ELECTRICAL SPECIFICATIONS:

2 each SPDT Mechanical switches wired in series

Voltage	Current
---------	---------

125 VAC	3 AMP
---------	-------

30 VDC	2 AMP
--------	-------

** If independent monitoring is required (not in series), please specify as SM2*

DPS – DOOR POSITION MONITORING

CLOSED LOOP SECURE

When the door is secure (closed position), the monitor switch shows a contact closed state. When the door opens (unsecure position), an open contact is detected as an alarm.

OPEN LOOP SECURE

When the door is secure (closed position), the monitor switch contacts are open. When the door opens (unsecure position), a closed contact is detected as an alarm.

ELECTRICAL SPECIFICATIONS:

SPDT Magnetic Reed switch (activation magnet mounted behind the ANSI strike)

Voltage	Current
---------	---------

28 VDC	.3 A
--------	------

M915XE-SEC MONITORING FUNCTIONS

LPF – LOCK OUT PRIVACY MONITORING

For FAIL SECURE locks only: One switch monitors safe side thumb turn hub. Engaging safe side turn piece disables remote access control unlocking (keypad or card reader) or scheduled unlock.

APPLICATIONS:

Enhanced security in office buildings after hours, SCIF/rooms housing sensitive information and opening subject to authorized access on a temporary basis.

Enhanced privacy in commercial buildings (for shared staff showers, restrooms, office, etc.) or for private residences with multiple service provider access (e.g. lock-out during vacation or need to immediately lock out specific user until system updates).

INSTITUTIONAL TRIM

ALL DESIGNS ARE THROUGH BOLTED [CONCEALED FASTENERS AVAILABLE].

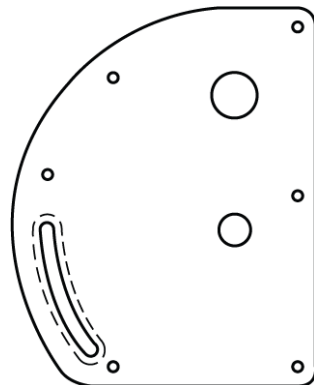
FEATURES:

- Levers meet ADA A117.1 Accessibility Code
- Levers feature two-point attachment for high security openings
- Lever return to face of door (no gap) to prevent fire hose entanglement
- Custom trim designs to retrofit doors per specification



SK SAFETY KNOB

Not ADA compliant.
Available for functions with a deadbolt.



R ESCUTCHEON

Latch plate for retrofit and additional physical security.
1/4" (6mm) stainless steel.
2 pt. lever attachment.
Function will determine what features are added: turn piece, cylinder, indicators, etc.
Available trim combinations: RB, RC, RSK.



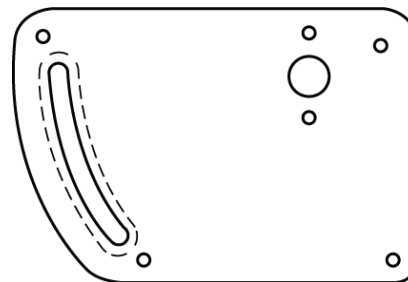
B LEVER DESIGN

3/4" (19mm) round solid bar stock.
2 3/8" projection.



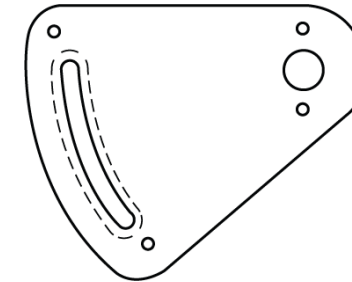
C LEVER DESIGN

3/4" (19mm) round solid bar stock.
2 3/8" projection.



H ESCUTCHEON (SECTIONAL)

1/4" (6mm) stainless steel.
2 pt. lever attachment.
Sectional trim: turn piece, cylinder, indicators, etc. to be specified separately (e.g. ALT-ADA-P thumb turn).
Available trim combinations: HB, HC, HSK.

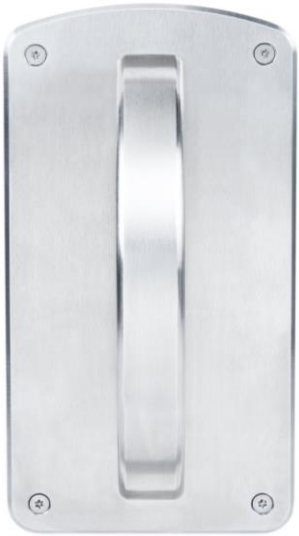


E ESCUTCHEON (SECTIONAL)

1/4" (6mm) stainless steel.
2 pt. lever attachment.
Sectional trim: turn piece, cylinder, indicators, etc. to be specified separately.
Available trim combinations: EB, EC, ESK.

BEHAVIORAL HEALTHCARE TRIM

ALL DESIGNS ARE THROUGH BOLTED [CONCEALED FASTENERS AVAILABLE].



CP-S



CP-C

With cylinder cutout



CP-B

Blank



ALT-ADA-P

For use with Accurate Institutional Privacy Locks (e.g. 9144SEC)



ALT-ADA-D

For use with deadlocks (e.g. 9101SEC)

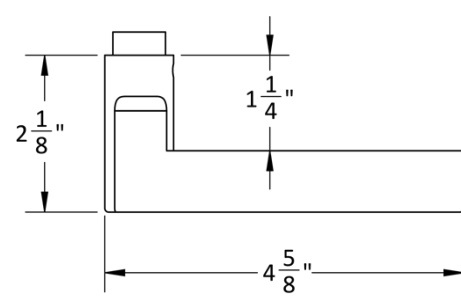


HORIZONTAL CRESCENT HANDLE (HCH)

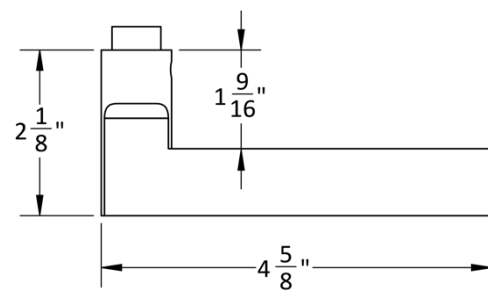
For details, please refer to <https://www.antiligature accuratelockandhardware.com/>

Accurate Lever Trim

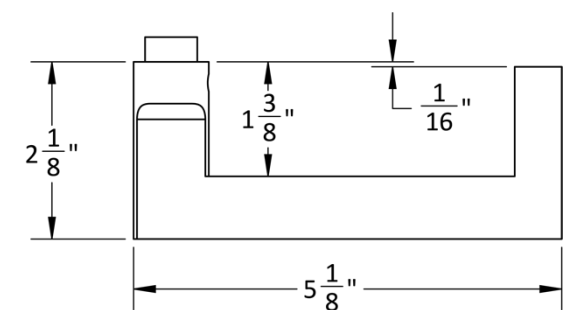
18L LEVER



19L LEVER

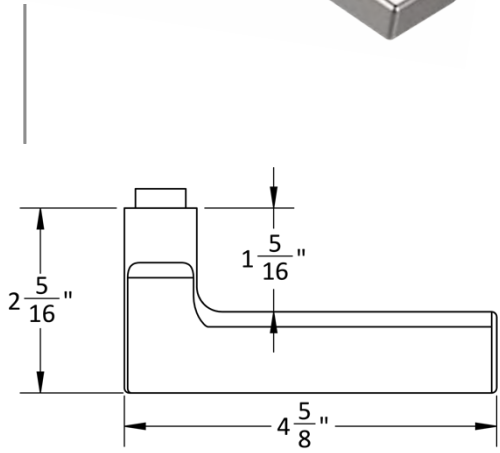


20L LEVER

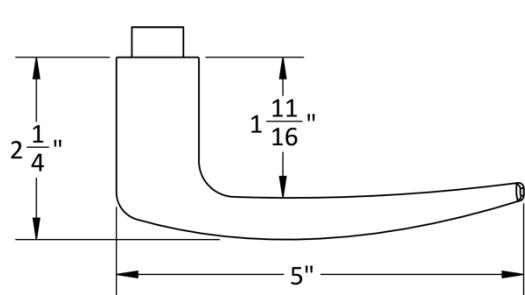


Accurate Lever Trim

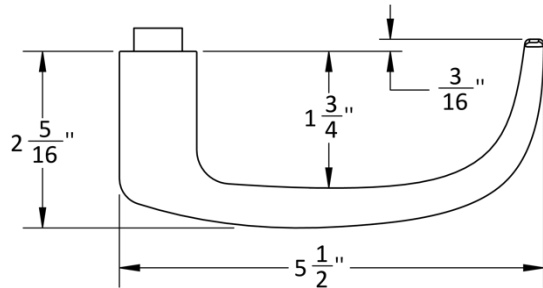
21L LEVER



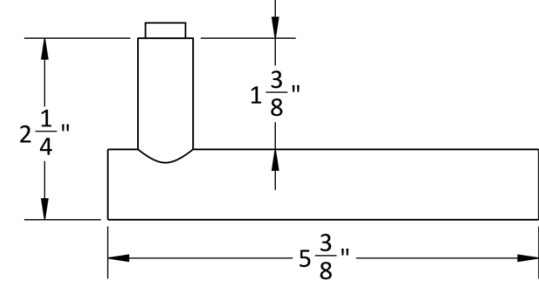
29L LEVER



39L LEVER



72L LEVER



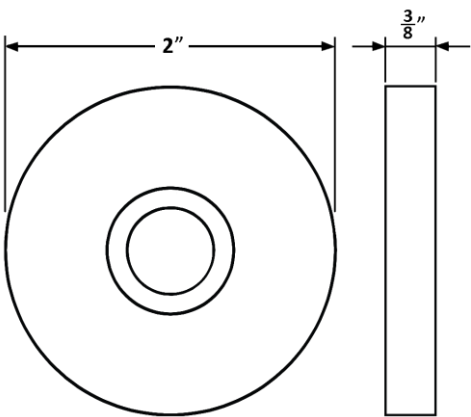
ACCURATE ROSE OPTIONS

1R ROSE

Front



Side



2R ROSE

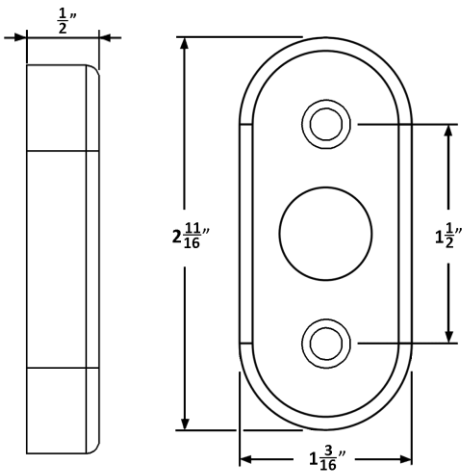
Side



Inside



Outside



4R ROSE

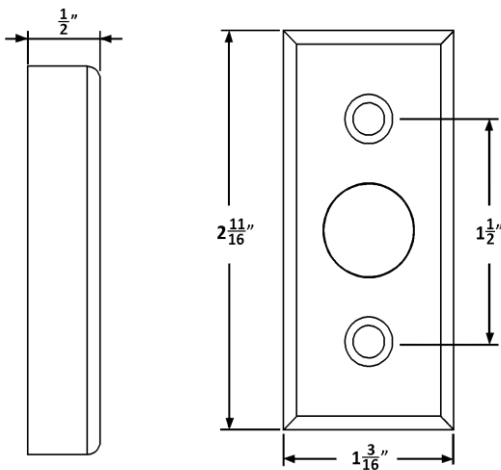
Side



Inside



Outside

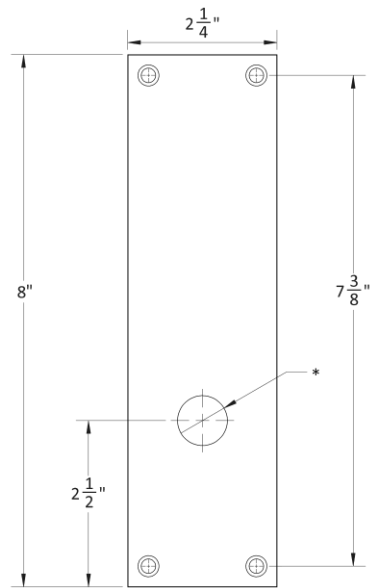


ACCURATE ESCUTCHEON OPTIONS

COMBINATIONS DEPEND ON FUNCTION

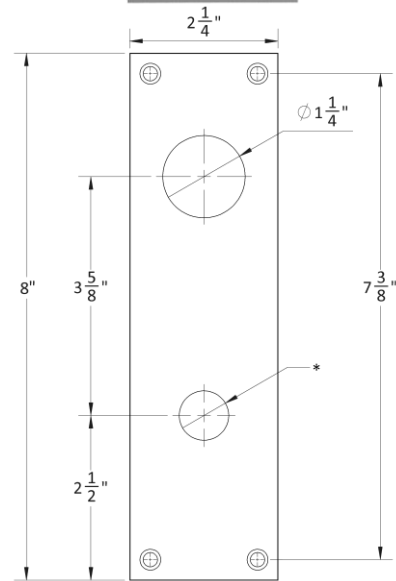
1E-B

Blank



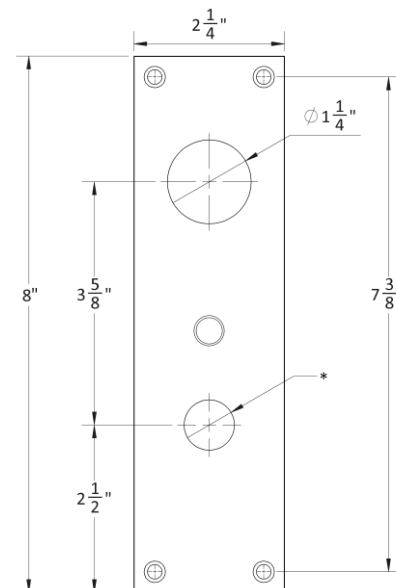
1E-C

Cylinder Cutout



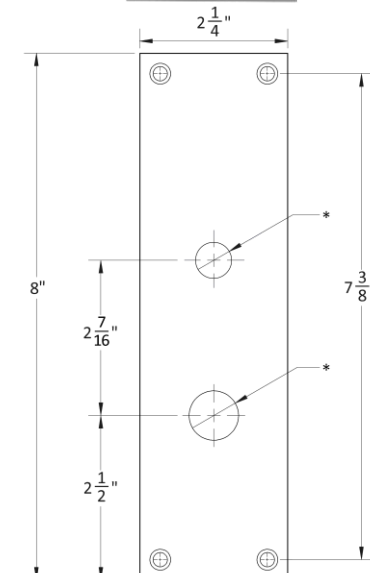
1E-Ci

Cylinder Cutout with Indicator



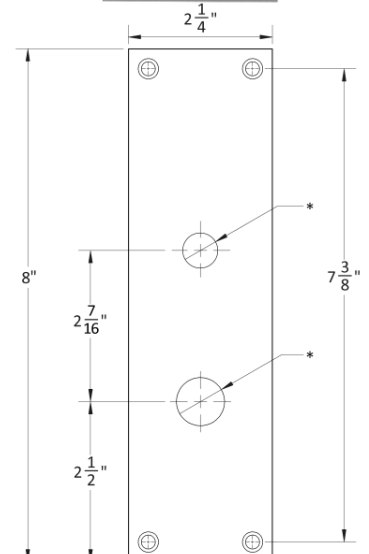
1E-T

Thumb Turn



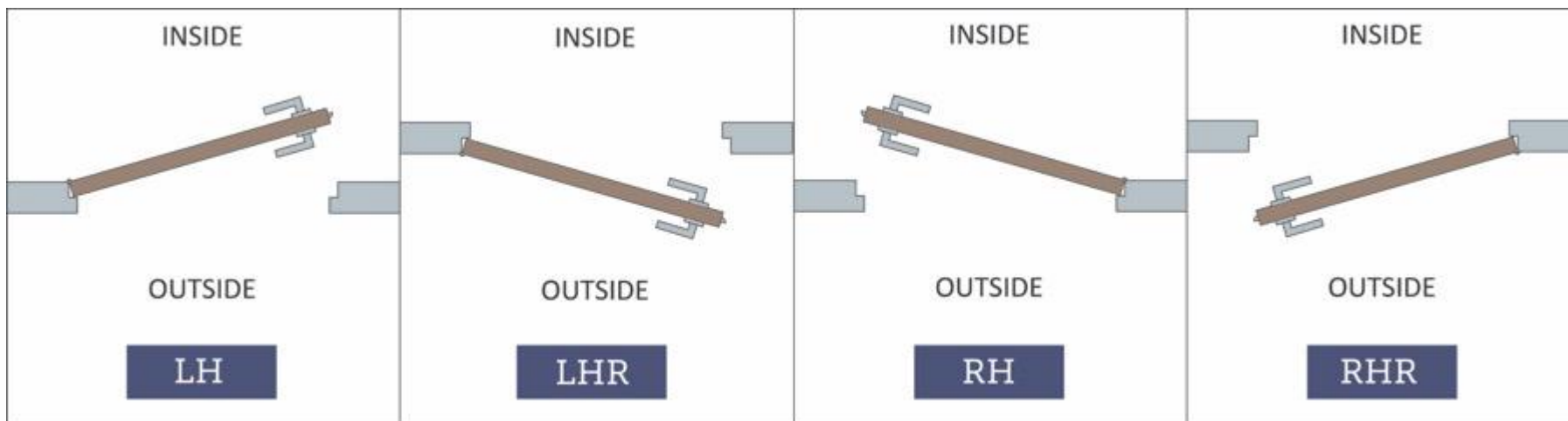
1E-E

Emergency Release



HOW TO SPECIFY

HANDING



FINISHES

GROUP 1: US4, US4NL, US32D*, US26D

GROUP 2: US3, US3NL, US26, US32*, US10B, US14, US15, US19

GROUP 3: BN, BB, TN, TB, DURO, ESN, US15A, US5

* Trim options (including Accurate levers) may not be available in US32D, US32, US9, or US10 finish. Please call for assistance.

To view example of finishes visit: [Accurate Finishes](#).

HOW TO SPECIFY

FUNCTION.**FINISH**.DOORTHICKNESS.**HAND**.**TRIM**

Functions

See available functions (pg. 5-13)

Finishes

See available finishes pg. 19

Trim

Accurate trim or other manufacturers' sectional (rose) Trim (specify hub size or brand)*

Configurations:

- LxL, KxK, Custom TPxK or Custom TPxL where applicable (call for assistance)

EXAMPLES

Institutional Privacy Lock | Accurate Trim

E.g.: 9143SEC.**US32D**.134.**RH**.**RB**.8mm

Institution or Asylum Lock | Accurate Trim

E.g.: 9158SEC.**US26D**.134.**LH**.**ESK**

Institutional Privacy with Occupancy Indicator | Accurate Trim

E.g.: 9143SEC-i.**US32D**.214.**RH**.**CH**

Entrance or Apartment Lock | Accurate Trim

E.g.: 9167SEC.**US19**.214.**LH**.18L X 1R

High Security Strike:

The security strike is standard with the lockset at no additional charge.

A reinforced latching strike plate fortifies the opening to prevent kick-in type burglaries. A solid machined steel plate is secured by four individual three-inch steel screws that reach into the opening's studed framing. Normal strikes typically fasten to the door finish trim only when combined with the 9100SEC, a reinforced strike plate adds solid protection to the most vulnerable part of the door opening.

ACCURATE LOCK & HARDWARE
MANUFACTURERS OF CUSTOM LOCKS
AND ARCHITECTURAL HARDWARE

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