

Key: Builders Hardware

Door: Swinging

Security Level: Minimum

FOLGER ADAM MECHANICAL LOCKS

A9300 MAXI-MORTISE™

Description

Series A9300 locks are pin tumbler mortise locks for swinging doors.

Applications

An extra heavy-duty mortise lock for use on swinging doors in minimum security cell or public areas of detention facilities. Available in a variety of latchbolt, deadbolt and deadlocking latchbolt styles.

Standards Compliance

UL10B listed as Fire Door Accessory, 4 hour rating.

ANSI/BHMA 156.13 Grade 1

ASTM F-1577 Grade 1 – Impact

Standard Features

- **Fits ANSI door preparation** – Standardized installation in hollow metal doors modified to accommodate lock body thickness of 1-1/8".
- **Door thickness** – Doors must be 1-3/4" to 2-1/2" thick.
- **Armored front** – 8" x 1-1/4" steel, 10 gauge.
- **High strength case and cover** – 12 gauge.
- **Corrosion-resistant working parts** – Internal working parts are stainless steel or zinc chromated steel.
- **Durable hubs** – Solid stainless steel construction, on the square.



- **Spindle** – 11/32" cold drawn steel.
- **Latchbolt** – One-piece investment cast 17-4 stainless steel, hardened, 3/4" throw.
- **Deadbolt** – One-piece investment cast 17-4 stainless steel, hardened, 1" throw.
- **Latchbolt size** – 11/16" x 1-1/4".
- **Deadbolt size** – 11/16" x 1-1/2".
- **Reversible** – Locks are field reversible. Handing should be specified upon ordering.
- **Key cylinder** – Furnished with Builders Hardware 6-pin tumbler key high security cylinders.
- **Screws** – Tamper-resistant mounting screws.
- **Tamper-resistant** – All bolts, including the auxiliary latchbolt, are fully tunneled to help prevent jamming of the mechanism with foreign material.
- **Strike** – Supplied with curved-lip strike having 1-1/4" lip length and dust box. Buffed stainless steel finish only.
- **Trim finish** – US32D.

Optional Features

- **Strike switch** – Strike-mounted indication switch for electrically monitored systems.



A9300 MAXI-MORTISE™

Trim Design

■ Knobs – standard trim US26D.

Specify KR for knob and rose trim with lock.

Dimensions: 2-1/4" diameter.

Safety knob: Specify "SK" knob and side installed on.

■ Lever handles – all lever handles must be installed with track.

Material: Stainless steel.

Dimensions: 3/4" diameter x 4-11/16" long.

■ LeverTrak® Handle Guide Sets –

LT and LTE Handle Guide Sets must be specified. The track prevents damage to mortise locks from over-travel of the handle.

Material: Stainless steel.

■ Roses

Material: Stainless steel.

Dimensions: 2-11/16" diameter, concealed trim design.

■ Secure escutcheon – SV 1/4" solid stainless steel trim plates throughbolt the door. Offered only with Builders Hardware cylinder and A9300 Series Lock.

EXAMPLE: SV-A9361 x SK inside

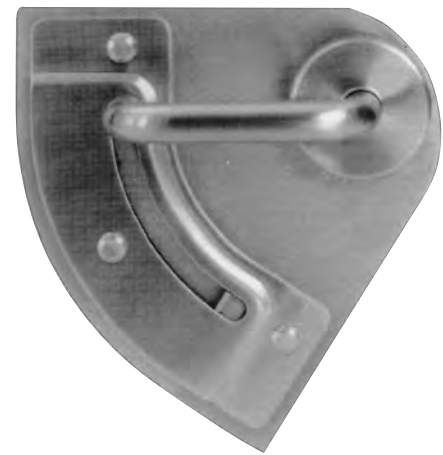
IMPORTANT NOTE: The secure escutcheon trim package shown here is available only with a Builders Hardware cylinder (A9300 Series Lock). This trim package is not available with a Maxi-Mogul® Cylinder.



KR – Knob and rose set



LT – Lever handles and track set
The "Lemont"



LTE – Lever handles,
track set and escutcheon
The "Limited"



SV – Secure escutcheon
The "Stateville"
with KR – knob handle and rose



SV – Secure escutcheon
(inside) with SK – safety knob
and rose



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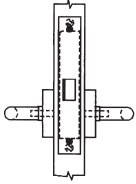
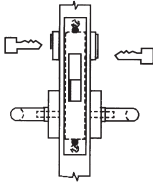
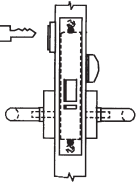
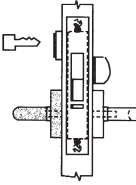
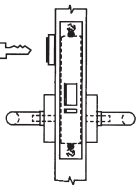
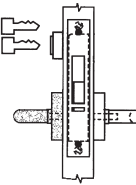
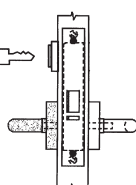
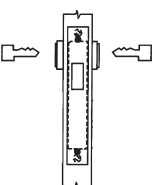
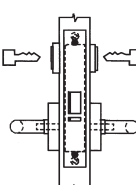
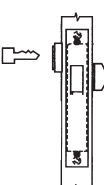
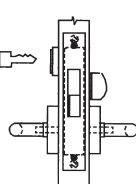
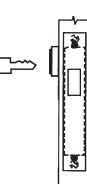
Door: Swinging

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FOLGER ADAM MECHANICAL LOCKS

A9300 MAXI-MORTISE™

A9300 Series Lock Functions

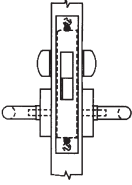
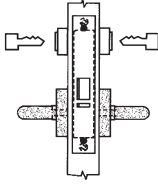
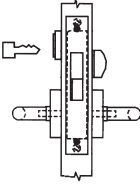
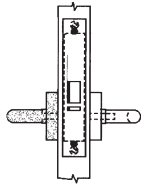
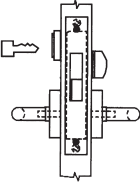
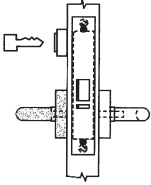
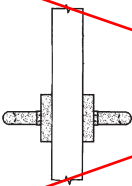
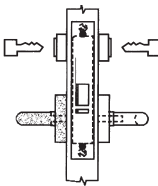
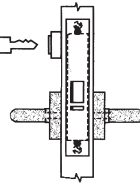
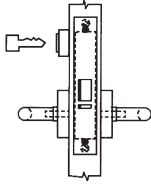
OUTSIDE INSIDE  A9301 (F01) – Passage or closed latch ■ Either handle operates the latchbolt at all times.	OUTSIDE INSIDE  A9314 (F14) – Store door lock ■ Latchbolt operated by handles either side. ■ Deadbolt operated by key both sides.
 A9304 (F04) – Entry lock ■ Latchbolt operated by handle either side except when outside handle is made inoperative by inside thumbturn. ■ When outside handle is locked, latchbolt operated by key outside, handle inside. ■ Auxiliary deadlatch.	 A9335 (F15 Mod.) – Modified hotel guest lock ■ Latchbolt operated by handle inside, or by key outside. ■ Deadbolt operated by thumbturn inside, or by key outside. ■ Outside handle always inactive. ■ Auxiliary deadlatch. SHADED HANDLE DENOTES RIGID.
 A9305 (F05) – Classroom lock ■ Latchbolt operated by handle either side, except when outside handle is locked by key outside. ■ Inside handle is always operative. ■ Auxiliary deadlatch.	 A9336 – Inmate keyed lock ■ LCK cylinder outside. ■ LCK operates latchbolt only. ■ Master key operates latch and deadbolt from outside. ■ Outside handle always inactive. ■ Auxiliary deadlatch. SHADED HANDLE DENOTES RIGID.
 A9307 (F07) – Storeroom or closet lock ■ Latchbolt operated by key outside, handle inside. ■ Outside handle inoperative at all times. ■ Auxiliary deadlatch. SHADED HANDLE DENOTES RIGID.	 A9316 (F16) – Deadlock ■ Deadbolt is operated by key either side.
 A9309 (F09) – Apartment, exit or toilet lock ■ Latchbolt operated by handle either side except when outside handle is locked by key from inside. ■ When outside handle is locked, latchbolt is operated by key outside, handle inside. ■ Auxiliary deadlatch.	 A9317 (F17) – Deadlock ■ Deadbolt is operated by key outside, thumbturn inside.
 A9313 (F13) – Dormitory or exit lock ■ Latchbolt operated by handle from either side. ■ Deadbolt projected by key outside, and thumbturn inside. ■ Both bolts retracted by inside handle.	 A9318 (F18) – Deadlock ■ Deadbolt is operated by key from outside only.



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A9300 Series Lock Functions

OUTSIDE INSIDE  A9319 (F19) – Privacy, bedroom or bath lock ■ Latchbolt operated by handle either side. ■ Deadbolt operated by thumbturn inside, emergency release outside. ■ Inside handle retracts both bolts.	OUTSIDE INSIDE  A9372 – Deadlatch ■ Deadlatch operated by key both sides. ■ Auxiliary deadlatch. SHADED HANDLE DENOTES RIGID.
 A9320 (F20) – Apartment corridor door lock ■ Latchbolt operated by lever either side, except when deadbolt is projected. ■ Deadbolt operated by key outside or thumbturn inside. ■ Key operates both bolts. ■ Lever inside retracts both bolts. ■ Latchbolt is deadlocked when deadbolt is projected. ■ When deadbolt is retracted, lever is unlocked.	A9373 – Deadlatch ■ Deadlatch operated by key outside, handle inside. ■ Auxiliary deadlatch.
	 A9374 – Deadlatch ■ Deadlatch operated by handle or knob inside. Outside handle rigid. ■ Auxiliary deadlatch. SHADED HANDLE DENOTES RIGID.
 A9321 (F21) – Entrance or storeroom door lock ■ Latchbolt is operated by handle either side. ■ Deadbolt operated by key outside, thumbturn inside.	 A9375 – Deadlatch ■ Deadlatch operated by key outside. ■ Key locks inside handle. Outside handle rigid. ■ Auxiliary deadlatch. SHADED HANDLE DENOTES RIGID.
 DLT-2OFF Dummy trim for single or pairs of doors ■ Push or pull only. ■ Handles rigid at all times, trim not operational. ■ Full dummy trim, through-bolted. Not Available	 A9376 – Deadlatch ■ Deadlatch operated by key both sides. ■ Key locks inside handle. Outside handle rigid. ■ Auxiliary deadlatch. SHADED HANDLE DENOTES RIGID.
 A9371 – Deadlatch ■ Deadlatch operated by key outside. ■ Auxiliary deadlatch. SHADED HANDLE DENOTES RIGID.	 A9377 – Deadlatch ■ Deadlatch operated by key outside. ■ Key locks both handles. ■ Auxiliary deadlatch.



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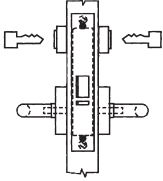
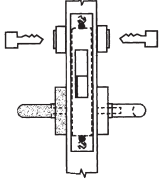
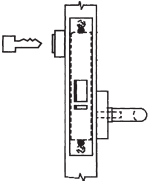
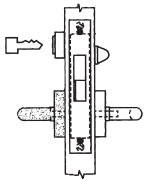
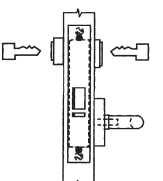
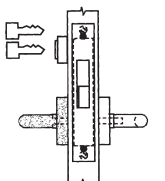
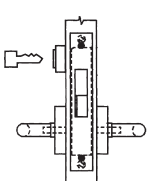
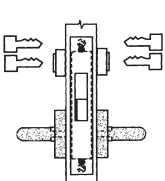
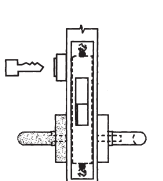
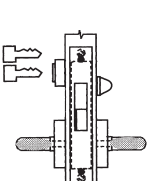
Door: Swinging

Security Level: Minimum

FOLGER ADAM MECHANICAL LOCKS

A9300 MAXI-MORTISE™

A9300 Series Lock Functions

OUTSIDE INSIDE  A9378 – Deadlatch ■ Deadlatch operated by key both sides. ■ Key locks both handles. ■ Auxiliary deadlatch.	OUTSIDE INSIDE  A9363 – Latch and Deadbolt ■ Deadbolt operated by key both sides. ■ Latch operated by inside handle. SHADED HANDLE DENOTES RIGID.
 A9379 – Deadlatch ■ Deadlatch operated by key outside. ■ Key locks inside handle. ■ No outside handle. ■ Auxiliary deadlatch.	 A9364 – Latch and Deadbolt ■ Deadbolt operated by key outside. ■ Deadbolt operated by thumbturn inside. ■ Latch operated by inside handle. SHADED HANDLE DENOTES RIGID.
 A9380 – Deadlatch ■ Deadlatch operated by key both sides. ■ Key locks inside handle. ■ No outside handle. ■ Auxiliary deadlatch.	 A9365 – Latch and Deadbolt ■ Deadbolt operated by key and LCK* cylinder outside. ■ Latch operated by inside handle. SHADED HANDLE DENOTES RIGID.
 A9361 – Latch and Deadbolt ■ Deadbolt operated by key outside. ■ Latch operated by both handles.	 A9366 – Latch and Deadbolt ■ Deadbolt and latch operated by key and LCK* cylinder both sides. SHADED HANDLE DENOTES RIGID.
 A9362 – Latch and Deadbolt ■ Deadbolt operated by key outside. ■ Latch operated by inside handle. SHADED HANDLE DENOTES RIGID.	 A9367 – Latch and Deadbolt ■ Deadbolt and latch operated by key and LCK* cylinder outside. ■ Deadbolt and latch operated by thumbturn inside. SHADED HANDLE DENOTES RIGID.

*LCK - Limited Control Key used by inmate. See next page for more information.



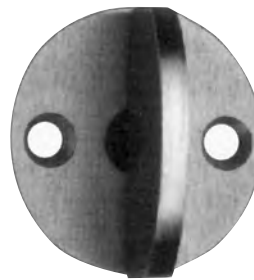
A9300 MAXI-MORTISE™

Cylinder Data

- **Standard cylinders** – A9300 Series Mortise Locks are provided with high security six-pin tumbler mortise cylinders 1-1/8" long. Provided with two keys.
- **Customer-supplied cylinders and compression ring** – Customer-provided cylinders must be equipped with a Schlage "L" type (clover-leaf) Cam and must be 1-1/8" long.
- **Cylinder and blocking rings** – Will be provided to suit the cylinder length and door thickness when both locks and cylinders are ordered. If not specified, rings will be for 1-3/4" door thickness.
- **LCK (limited control key)** – Modification for Models A9336, A9365, A9366, A9367. Factory provided cylinder is modified to allow change key a limited rotation to retract the latchbolt. Master key is unlimited and will operate both latch and deadbolt. NOTE: LCK not available with removable core cylinders.
- **Optional feature** – Removable core cylinders available on request.
- **Trim accessories** – The following trim items will be provided:
 - **Thumbturn and escutcheon** – Furnished with Models A9304, A9313, A9317, A9320, A9321, A9335, A9364 and A9367.
Removable thumbturn furnished with Model A9319.
Supplied with tamper-resistant No. 6 x 3/8" screws. Wood screws also available on request.



Mortise key cylinder



Thumbturn with escutcheon



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Strikes

A9300 Series Locks are supplied with ANSI curved lip strikes having a 1-1/4" lip length, for use with doors 1-3/4" to 2" thick. Buffed stainless steel finish only. Strike is handed to match lock and door. When ordering strikes separately, specify handing of lock.

- **Strike with indication switch** – For electrical monitoring.
- **Strike box** – Wrought steel, zinc plated, reversible for installation with flat or curved-lip strike.
- **Special lip lengths** – Strikes are installed 3/8" above the vertical centerline of the lock. 1-1/4" lip length is standard. 1-1/2" lip length is optional for doors from 2-1/8" to 2-1/4" thick.

Handing

Handing of locks should be indicated when ordering. Guidelines shown on page C46 will assist in determining the hand. Door must be addressed from the key side, the cylinder side or the secured side.

How To Order

Specify:

- 1) Trim
 - a. KR, Knob and rose set. (Safety knob available "SK", specify side).
 - b. LT, LeverTrak® Guide with handle and rose.
 - c. LTE, LeverTrak® Guide with handle, rose and escutcheon.
 - d. SV – "Stateville" escutcheon plates with knob and rose sets.

- 2) Function (see function descriptions) A9309.
- 3) Handing (RH, LH, RHR, LHR).
- 4) Cylinder
 - a. With cylinder(s) – include keying information.
 - b. Less cylinders(s) – must use a Schlage "L" type cam (see previous page).
- 5) Door material/thickness
- 6) Strike lip length
 - 918 - 1-1/4" lip (s)
 - 914 - 1-1/2" lip (s)

- 7) Strike Switch(es)

EXAMPLE:

LT-A9309 LH Less cyls. 2"HM x 918-L_S
The above is a public entrance lock with LeverTrak® Handle Guide, left hand, for use with customer-supplied cylinders, on a 2" hollow metal door, equipped with strike-mounted switch.



918-D-S
Strike switch



918-L ANSI
Latchbolt-only
strike
RH/LHR shown



918-LD ANSI
Latchbolt/
deadbolt strike
RH/LHR shown



918-D ANSI
Deadbolt strike
RH/LHR shown



918-DNL
Deadbolt strike
without lip



900-BOX
Dust box



A9300 MAXI-MORTISE™**Dimensional Data**

Note: Dimensions are for information and planning purposes only, and should not be used as templates.

