SCHLAGE

AL Series

Cylindrical locks

Put your trust in the name you know

Contents

Pictured here: Saturn lever shown in 626 satin chrome

Cover photo: Neptune lever shown in 626 satin chrome finish

For more than 90 years, Schlage has been creating the strongest and most technologically advanced security products for schools, hospitals, hotels, commercial and institutional buildings, multi-family properties and homes. From durable mechanical locks to comprehensive electronic access control solutions and biometrics, Schlage provides protection at critical moments — when property and personal security are at stake. With a wide range of products, styles and finishes, Schlage has products for the most demanding project specifications. In public buildings, in the workplace, and in homes, at the end of the day Schlage stands for one thing: strong.

Real security is knowing exactly what you want and getting it

When you know exactly what you want, you don't want to waste time finding out whether it meets your project specifications. That's why we offer the world's largest team of hardware specification writers to help you and your clients turn your vision into reality. And when it comes to products, our commercial suiting options, wide variety of lever designs and rich selection of finishes give you the tools you need to make your projects perfect. You know what you want. With Schlage, you can be sure you'll get it.

Safety, security and confidence

When you choose a Schlage lock, you can be sure you've done the job right, the first time. After all, our products are among the most durable and dependable on the market today. Our locks are easy to install, and simple to repair and maintain. That means fewer callbacks for you, and total safety and security for your customers.

AL Series

Dependable performance for high traffic commercial applications

At Schlage, we know that every product you specify has to stand up to constant use, while meeting your needs for security at every level. Our AL Series locks are designed to deliver ADA compliant accessibility and constant, reliable performance. The AL Series is best for buildings with medium to high traffic flow, such as interior office doors, banks, retail spaces and hotel guest areas. With a Grade 2 ANSI rating, and styles and finishes to suit your building's design, the AL Series fits right where you need it.

Pictured here: Jupiter lever shown in 626 satin chrome
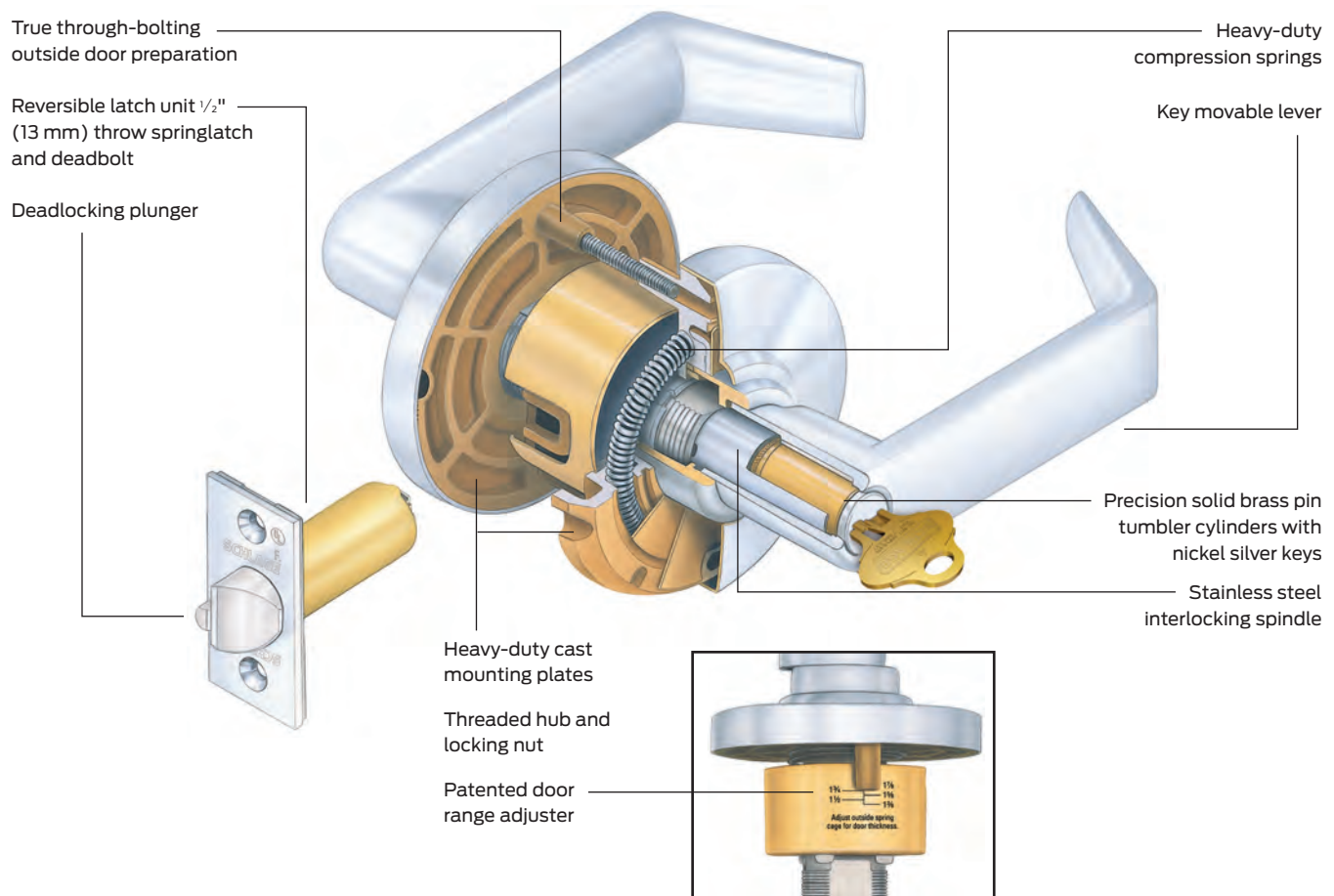
We don't compromise on security

The safety and security of your clients' buildings is something we take very seriously. That's why every Schlage lock and deadbolt undergoes intensive testing to determine its ANSI grade level:

- Cycle tests
- Door impact tests
- Bolt strength tests
- Resistance tests
- Warped door tests

We pay attention to these details so you can focus on creating a functional and aesthetically pleasing environment for your clients. In fact, every one of our AL Series locks meets ANSI Grade 2 standards for safety.

The lever that looks
as good as it performs

- Cold-rolled steel, machined and threaded hubs, and locking nuts prevent the loosening of the lockset by securely bolting the chassis to the door

- Large diameter of mounting plate and rose covers new ANSI hollow metal door cutout

- Patented door range adjuster allows quick and easy adjustment for doors ranging from $1^3/_8$" to $1^7/_8$" (35 mm to 48 mm) thick

True through-bolting
outside door preparation

Reversible latch unit $1/_2$"
(13 mm) throw springlatch
and deadbolt

Deadlocking plunger

Heavy-duty cast
mounting plates

Threaded hub and
locking nut

Patented door
range adjuster

Adjust outside spring cage for door thickness.

Heavy-duty
compression springs

Key movable lever

Precision solid brass pin
tumbler cylinders with
nickel silver keys

Stainless steel
interlocking spindle

AL Series lever designs

Jupiter (JUP)

4-1/4"
108 mm

3-7/16"
87 mm

2-1/2"
64 mm

Symbol: JUP
Material: Pressure cast zinc lever; wrought brass or bronze rose
Suites: S Series **JUPITER,** ND Series **ATHENS** and L Series **07** designs

Neptune (NEP)

4-1/4"
108 mm

3-7/16"
87 mm

2-1/2"
64 mm

Symbol: NEP
Material: Pressure cast zinc lever; wrought brass or bronze rose
Suites: S Series **NEPTUNE,** ND Series **SPARTA** and L Series **17** designs

Omega (OME)

4-1/4"
108 mm

3-7/16"
87 mm

2-1/2"
64 mm

Symbol: OME
Material: Pressure cast zinc lever; wrought brass or bronze rose
Suites: ND Series **OMEGA** and L Series **OMEGA** designs

Saturn (SAT)

4-1/4"
108 mm

3-7/16"
87 mm

2-1/2"
64 mm

Symbol: SAT
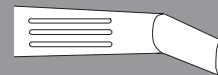**Material:** Pressure cast zinc lever; wrought brass or bronze rose
Suites: S Series **SATURN,** H Series **LEVON,** ND Series **RHODES** and L Series **06** designs
Options: Tactile warning

Tactile warning

Milled

Order as follows:
8SA for Saturn

Only available on outside lever, unless otherwise specified

All designs shown in 626 satin chrome

 = Standard cylinder.

 = FSIC - Full size interchangeable core option.

 = SFIC - Small format interchangeable core option.

 = Complies with ADA accessibility guidelines.

 = Antimicrobial coating available on 626 finish only.

 = Meets California code for 1/2" or less return to the door.
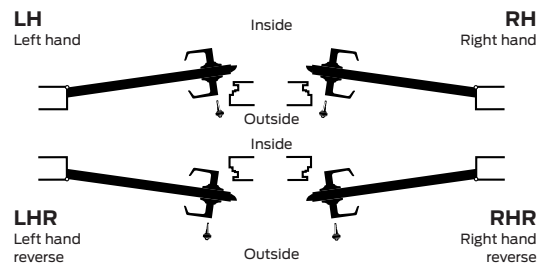
 = Extended factory lead time.

Lever finishes

	605 Bright brass	606 Satin brass	609 Antique brass	612 Satin bronze	613 Oil rubbed bronze	619 Satin nickel	622 Matte black	625 Bright chromium plated	626 Satin chromium plated	626AM Anti-microbial coating	643e Aged bronze
AL Series locks											
Jupiter*	•	•	•	•	•	•	•	•	•	•	•
Neptune*	•	•	•	•	•	•	•	•	•	•	•
Omega*	•	•	•	•	•	•	•	•	•	•	•
Saturn	•	•	•	•	•	•	•	•	•	•	•

*Not available in 609 finish for FSIC and SFIC.

e = an equivalent finish to the BHMA standard.

Door handing

All Schlage locks are reversible. Hand information is necessary to ensure proper cylinder orientation in keyed functions, and finish of latchbolt and strike for locks that are to be installed on reverse bevel doors. Follow the diagram to correctly determine the hand of the door.

LH Left hand
Inside
RH Right hand
Outside
Inside
LHR Left hand reverse
Outside
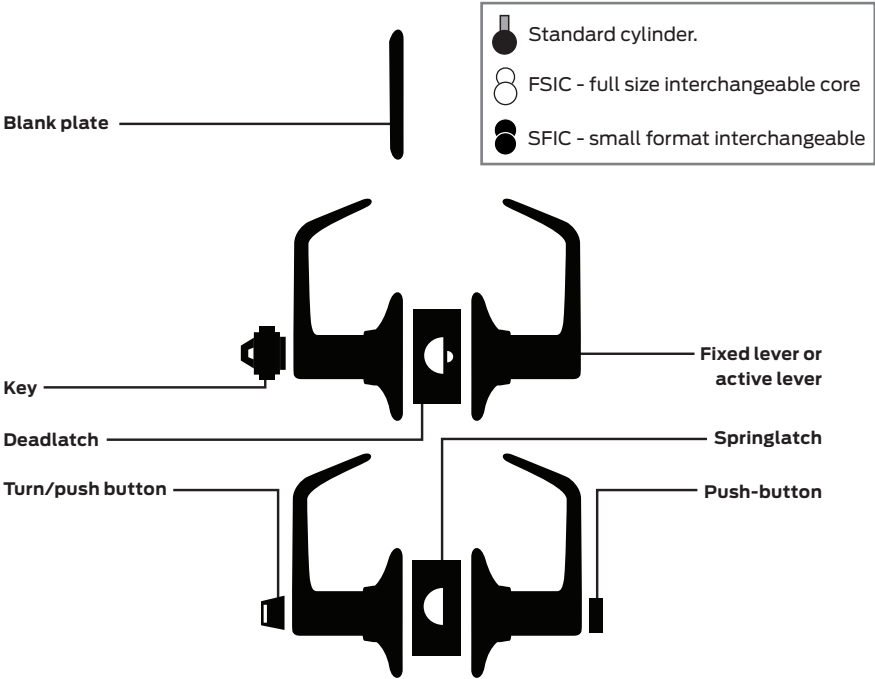RHR Right hand reverse

ADA-compliant products

In compliance with the American National Standards Institute (ANSI A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged. This act is designed to provide protection for people with disabilities.

Product information and specifications contained in this catalog are subject to change without notice. Please consult the factory.

Lock functions
ANSI A156.2 Series 4000 Grade 2

Blank plate

Standard cylinder.

FSIC - full size interchangeable core

SFIC - small format interchangeable

Key

Deadlatch

Turn/push button

Fixed lever or active lever

Springlatch

Push-button

Non-keyed functions

Schlage   ANSI
AL10S   **F75**
Passage latch

- Both levers always unlocked
- Inside lever always free for immediate egress
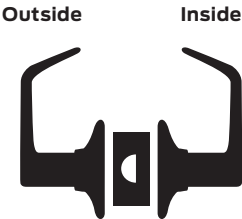
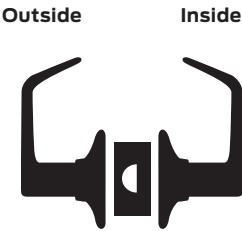**Outside**   **Inside**

Schlage   ANSI
AL25D   **–**
Exit lock

- Blank plate outside
- Inside lever always unlocked
- Inside lever always free for immediate egress
- Specify door thickness
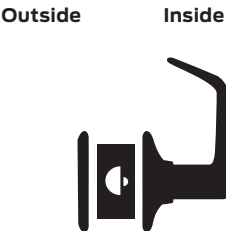
Outside   **Inside**

Schlage   ANSI
**AL40S**   **F76**
Bath/bedroom privacy lock

- Push-button locking
- Can be unlocked from outside with small screwdriver
- Turn inside lever or close door to release button
- Inside lever always free for immediate egress

Outside   **Inside**

Schlage   ANSI
AL44S   **–**
Hospital privacy lock

- Push-button locking
- Unlock from outside by turning emergency turn-button
- Turn inside lever or close door to release button
- Inside lever always free for immediate egress
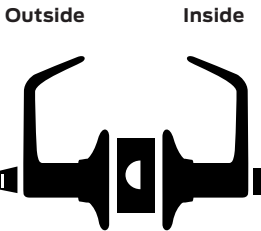
Outside   **Inside**

Lock functions
ANSI A156.2 Series 4000 Grade 2

Keyed functions

Schlage   **ANSI**
AL170   **–**

Single dummy trim

- Single dummy trim for one side of door
- Used for door pull or as matching inactive trim
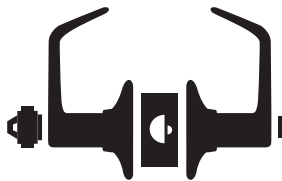
Outside or Inside

Schlage   **ANSI**
AL50PD   **F82**

Entrance/office lock

- Push-button locking
- Push-button locks outside lever until it is unlocked with a key or by rotating the inside lever
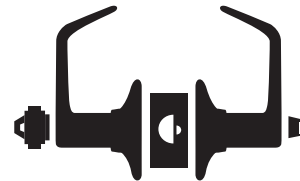- Inside lever always free for immediate egress

Outside   Inside

Schlage   **ANSI**
AL53PD   **F109**

Entrance lock

- Turn/push-button locking: pushing and turning button locks outside lever, requiring use of a key until the button is manually unlocked
- Push-button locking: push-button locks the outside lever until it is unlocked by key or by turning the inside lever
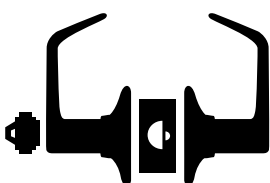- Inside lever always free for immediate egress

Outside   Inside

Schlage   **ANSI**
AL70PD   **F84**

Classroom lock

- Outside lever is locked and unlocked by key
- Inside lever is always unlocked
- Inside lever always free for immediate egress
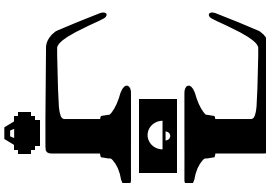
Outside   Inside

Schlage   **ANSI**
AL80PD   **F86**

Storeroom lock

- Outside lever is fixed
- Entrance by key only
- Inside lever is always unlocked
- Inside lever always free for immediate egress

Outside   Inside

Schlage   **ANSI**
AL85PD   **F93**

Faculty restroom lock (with indicator cylinder)

- Outside lever is fixed
- Entrance by key only
- Push button on inside lever activates visual occupancy indicator, allowing only the emergency masterkey to operate
- Rotate inside lever or close door to release visual occupancy indicator
- Rotation of inside spanner button provides lockout feature by keeping indicator thrown
- Inside lever always free for immediate egress

Outside   **Inside**
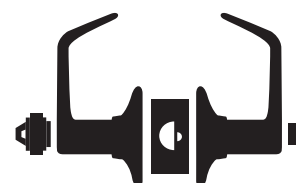
Latches

AL Series latches are adjustable for flat or beveled edge doors. Latches and strikes are furnished in brass, bronze or chrome finishes compatible with lock trim. When ordering separately, specify quantity, part number, and finish. Standard latches shown in bold type.
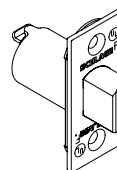
Latches

| Backset	Faceplate description	Hsg dia	Deadlatch $\frac{1}{2}$" (13 mm) throw	Springlatch $\frac{1}{2}$" (13 mm) throw
$2\frac{3}{8}$" (60 mm)	1" x $2\frac{1}{4}$" (25 mm x 57 mm) square corner	$\frac{7}{8}$" (22 mm)	11-085	11-068
	1" x $2\frac{1}{4}$" (25 mm x 57 mm) $\frac{1}{4}$" (6 mm) radius round corner	$\frac{7}{8}$" (22 mm)	11-088	11-069
	1" (25 mm) circular drive-in (non-UL) 605 and 626 finishes only	1" (25 mm)	11-104	11-110
$2\frac{3}{4}$" (70 mm)	1" x $2\frac{1}{4}$" (25 mm x 57 mm) square corner	$\frac{7}{8}$" (22 mm)	11-091	11-111
	$1\frac{1}{8}$" x $2\frac{1}{4}$" (29 mm x 57 mm) square corner, standard	**1" (25 mm)**	**11-096**	**11-116**
	1" x $2\frac{1}{4}$" (25 mm x 57 mm) $\frac{1}{4}$" (6 mm) radius round corner 605 and 626 finishes only	$\frac{7}{8}$" (22 mm)	11-092	11-112
	1" (25 mm) circular drive-in (non-UL)	1" (25 mm)	11-105	11-113
$3\frac{3}{4}$" (95 mm)	$1\frac{1}{8}$" x $2\frac{1}{4}$" (29 mm x 57 mm) square corner	1" (25 mm)	11-103	11-118
5" (127 mm)	Backset extension link*	$\frac{7}{8}$" (22 mm)	41-005*	

*Backset extension link 41-005 must be used with $2\frac{3}{8}$" backset latches.

Square corner latches
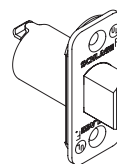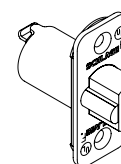Springlatch
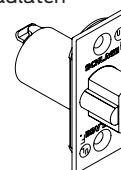
Deadlatch
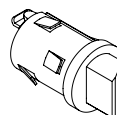

Round corner latches
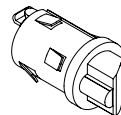Springlatch

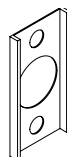

Deadlatch

Drive-in latches
Springlatch

Deadlatch

Long backsets

Backsets 5" require extension links. AL Series locks with long backsets are normally furnished with 1" faceplates and $\frac{7}{8}$" housings. Links installed in 1" latch holes require one G506-815 sleeve (order separately) to join latch and link.

Latch front adapter
A501-878

Used to convert 1" wide square front faceplates for $1\frac{1}{8}$" wide door preparations. Furnished in black plastic. Order in units of 100 each.

5" extension link
41-005
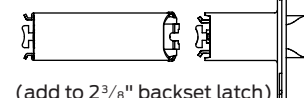
(add to $2\frac{3}{8}$" backset latch)

Sleeve
G506-815
(order separately)

Door reinforcement
Reinforcing unit is required to reinforce and help prevent the collapse of hollow metal doors when locksets are tightly mounted. This kit should be used with long backsets for AL Series lock installations in hollow metal doors to prevent lateral movement of the latchbolt. Specify door thickness, $1\frac{3}{8}$" (35 mm) or $1\frac{3}{4}$" (44 mm), when ordering reinforcement kits.
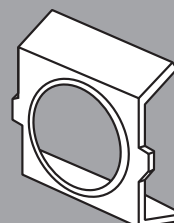
Reinforcement kit
37-001

Kit includes:
Reinforcement
A501-566 for $1\frac{3}{4}$" doors or
A501-565 for $1\frac{3}{8}$" doors

Strikes

All Schlage strikes are furnished complete with screws. The 10-025 standard AL Series strike has a 1³/₁₆" (30 mm) lip. Standard strikes shown in bold type.

ANSI strike – standard
10-025
1¹/₄" x 4⁷/₈" x ³/₃₂"
(32 mm x 124 mm x 2 mm)

T-Strike
10-001
1¹/₈" x 2³/₄" x ³/₃₂"
(29 mm x 70 mm x 2 mm)

Strikes

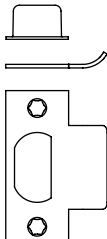| Number	Lip length	Description
10-001	1", 1¹/₈"(std), 1¹/₄", 1¹/₂", 1³/₄", 2" (25 mm, 29 mm, 32 mm, 38 mm, 44 mm, 51 mm)	1¹/₈"x 2³/₄" (29 mm x 70 mm) square corner, box, standard
10-004	1¹/₈" (29 mm)	1¹/₈"x 2³/₄" (29 mm x 70 mm) ¹/₈" (3 mm) radius, round corner
10-025	**1³/₁₆", 1³/₈" (30 mm, 35 mm)**	**1¹/₄"x 4⁷/₈" (32 mm x 124 mm) ANSI**
10-026	1¹/₈" (29 mm)	1⁵/₈"x 2¹/₄"(41 mm x 57 mm) full lip, square corner
10-027	1¹/₈" (29 mm)	1⁵/₈"x 2¹/₄"(41 mm x 57 mm) full lip, ¹/₄" (6 mm) radius, round corner
10-058	1⁷/₃₂" (31 mm)	1³/₄" (44 mm) circular, adjustable
K510-066	—	Box for ANSI strike

*Use with 2³/₄" square corner strikes only.

Rabbeted latch and strike kit

Rabbeted latch and strike kit finishes: 606, 626. This kit adapts square corner latches and strikes for ¹/₂" (13 mm) rabbeted door and frame preparations.
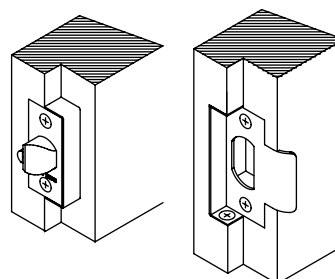
Rabbeted latch and strike kit
39-030

Ordering instructions

Example													
			Outside		Inside								
Line item	Qty	Product	Des	Fin	Des	Fin	Hand	Latch	Strike	Dr thk	Ext	Dim	Additonal details
1	10	AL53PD	SAT	626	NEP	619	-	11-096	10-025	200	EE	-	-

Line item: Line item number

Qty: Quantity

Product: Product function + cylinder code

Outside des: Outside lever design

Outside fin: Outside finish

Inside des: Inside lever design - Specify only if different from outside lever design

Inside fin: Inside finish - Specify only if different from outside finish

Hand: Hand of door - N/A for A lock

Latch: Product latch - Leave blank fo standard latch or specify part number if non-standard latch is required

Strike: Product strike - Leave blank fo standard strike or specify part number if non-standard strike is required

Dr thk: Door thickness - Enter door thickness if non-standard (example: 138=1³/₈"; 214=2¹/₄")

Ext: Extension - Enter for doors 1⁷/₈": or greater (example: EE=extended equally; EI=extended inside; EO=extended outside; ED=extended differently)

Dim: Dimension - Enter only for non-standard strike lip length

Additional details: Enter additional detail for keying information or special requirements

Specifications

Handing:
Non-handed.

Door thickness:
$1^3/_8$" to $1^7/_8$" (35 mm to 48 mm) standard.
2" (51 mm) optional.

Backset:
$2^3/_4$" (70 mm) standard. $2^3/_8$" (60 mm), $3^3/_4$" (95 mm)
and 5" (127 mm) optional.

Front:
Steel. $2^1/_4$" x $1^1/_8$" square corner, beveled, for $2^3/_4$"
backset standard. Optional 1" square corner, 1" radius
corner, and non-UL drive-in / round face. For availability
with specific backsets, see page 16.

Lock chassis:
Steel, zinc dichromated for corrosion resistance

Latch bolt:
Brass, chrome plated, $1/_2$" throw, deadlocking on keyed
and exterior functions.

Exposed trim:
Wrought brass and bronze. Levers are pressure cast
zinc, plated to match finish symbols.

Strike:
ANSI curved lip strike $4^7/_8$" x $1^1/_4$" x $1^1/_4$" lip to center
standard. Optional strikes, lip lengths and ANSI wrought
strike box available. See page 17.

Cylinder and keys:
6-pin patented Everest 29 S123 keyway standard with
two nickel silver keys per lock.

Keying options:
Interchangeable core and Primus® high security
cylinders. Master keying, grand master keying,
and construction keying.

Warranty:
Three-year limited.

Certifications

ANSI:
Meets or exceeds A156.2 Series 4000, Grade 2 strength
and operational requirements.
Meets A117.1 Accessibility Code.

Federal:
Meets FF-H-106C.

California State Reference Code:
(Formerly Title 19, California State Fire Marshal Standard)
All levers with a return to door of $1/_2$" (64 mm)
or less comply.

UL / cUL:
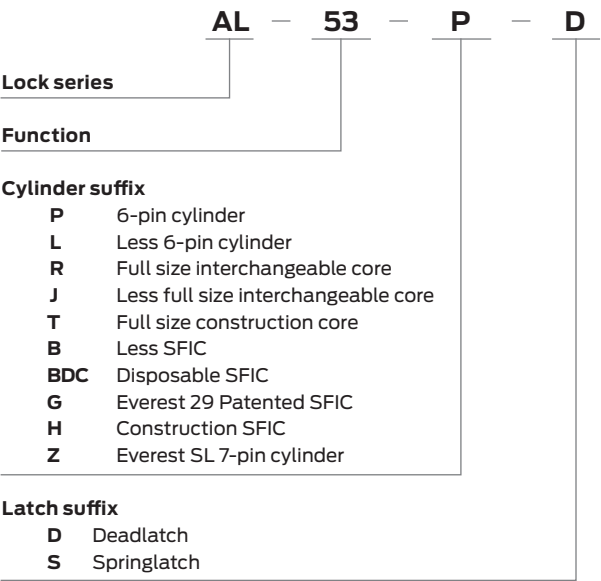All locks listed for A label single doors, 4' x 8'.
Letter F and UL symbol on latch front indicate listing.
UL437 Listed locking cylinder optional: specify Primus
20-500 Series cylinder.

ADA compliant:
Schlage Lock Company offers a wide selection of locks
designed to meet the Americans With Disabilities Act.

Product identification

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AL — 53 — P — D
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Lock series

Function

Cylinder suffix
P	6-pin cylinder
L	Less 6-pin cylinder
R	Full size interchangeable core
J	Less full size interchangeable core
T	Full size construction core
B	Less SFIC
BDC	Disposable SFIC
G	Everest 29 Patented SFIC
H	Construction SFIC
Z	Everest SL 7-pin cylinder

Latch suffix
D	Deadlatch
S	Springlatch

Note: SFIC = Small Format (Best® Style) Interchangeable Core