

SCHLAGE®

# A-SERIES

*Heavy Duty Residential and Medium Duty Commercial*



## *Heavy Duty Residential and Medium Duty Commercial*

*Since Schlage invented the key-in-knob lock in 1925, the A-Series has been considered the “standard of excellence” in the industry. Worldwide acceptance is testimony to the quality, precision, and design of Schlage locks. A-Series mechanisms are precision made of high-strength steel, plated for superior corrosion resistance and maintenance-free performance. A wide variety of functions and finishes are offered in a lever and many knob designs. This series is ideally suited for quality residential and commercial buildings.*

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## *Specifications*

**Applications:** Heavy duty residential, light, and medium duty commercial.

**Certifications:** ANSI A156.2, 1996, Series 4000 Grade 2. (Formerly FF-H-106C Series 160.) U.L. Listed for all functions up to 3-hour doors.

**Exposed Trim:** Wrought brass, bronze, or stainless steel. Levers are zinc based, plated to match finish symbols.

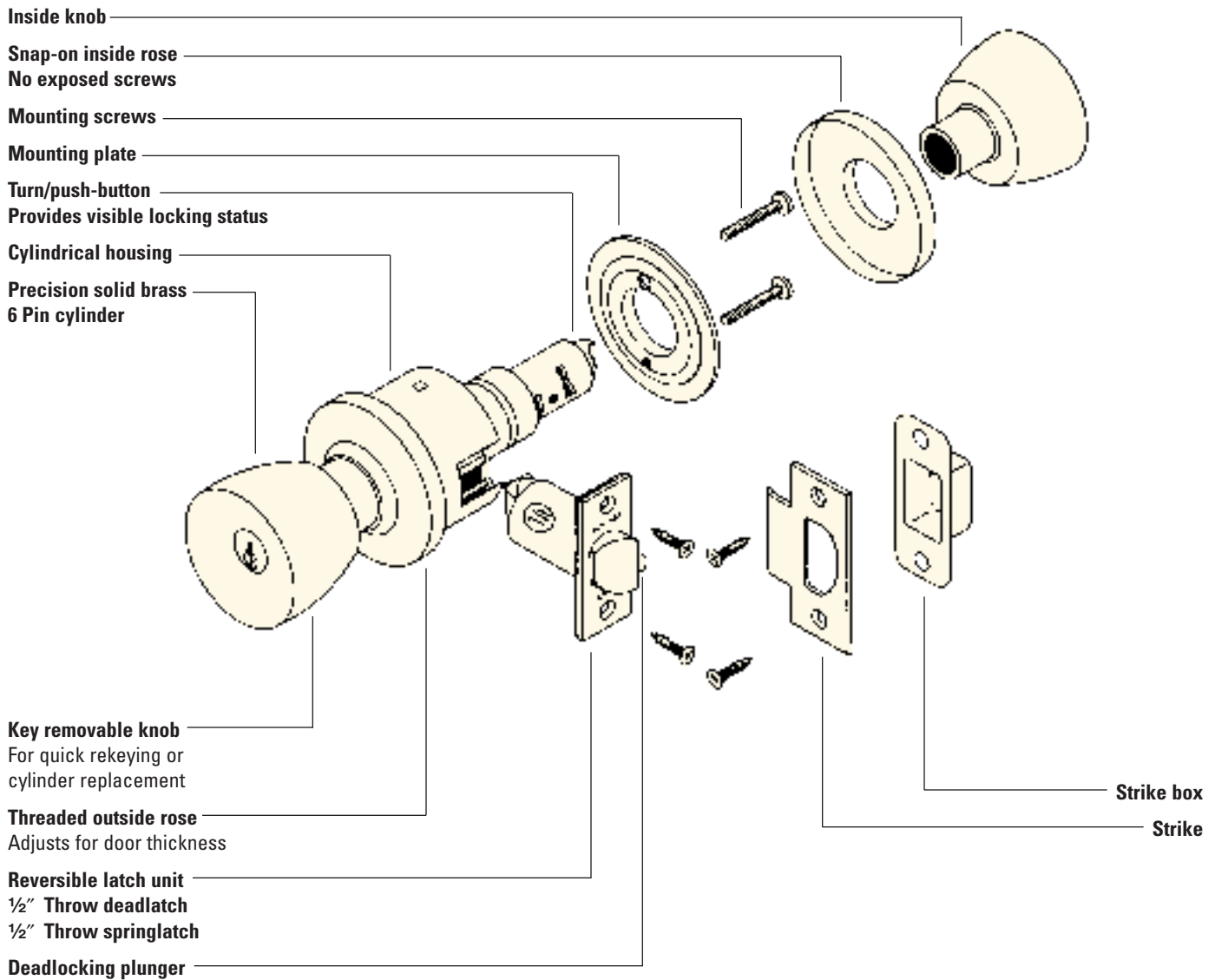
**Keying:** 6 Pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5 pin. Other keying options available from the factory include masterkeying, grandmasterkeying, construction keying, and interchangeable core. Also available with Primus® high-security cylinders.

**Door Range:** 1 $\frac{3}{8}$ " to 1 $\frac{7}{8}$ " Standard. 2" to 2 $\frac{1}{2}$ " For doors extended inside, regular parts assembled to order.

**Backset:** 2 $\frac{3}{8}$ " Standard. 2 $\frac{3}{4}$ " and 3 $\frac{3}{4}$ " Backset latches available. 5" Backset links available.



*Cutaway View*



*Performance Features*

Exceeds 400,000 cycle ANSI Grade 2 requirements.

Standard door preparations: fits ANSI A115.2 and U.S. specifications 160 and 161.

U.L. Listed for 3-hour doors.

Precision solid brass 6 pin cylinder available in all Schlage keyways.

Key removable outside knob for quick and easy cylinder replacement.

Cylindrical housing: internal cold rolled steel mechanisms are corrosion treated for normal atmospheric conditions.

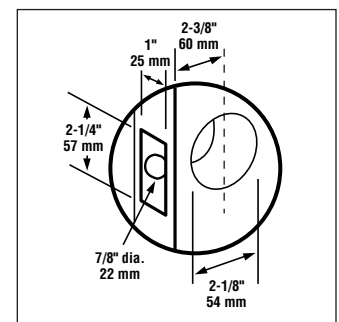
Snap-on inside rose conceals mounting plate and screws.

Long spindle bearing surfaces prevent knobs from becoming wobbly.

Orbit design available with interchangeable core.

Interchangeable core, Primus® and Primus interchangeable core cylinders available.

*Door Preparation*



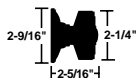
*Designs & Finishes*



605

**CROWN**

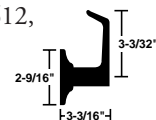
Symbol: CRO  
Material: Cast brass  
Finishes: 605, 610



605

**LEVON**

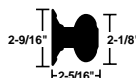
Symbol: LEV  
Material: Pressure cast zinc lever; wrought brass or bronze rose  
Finishes: 605, 612, 613, 626



609

**GEORGIAN**

Symbol: GEO  
Material: Wrought brass  
Finishes: 605, 609



*Note: Levon available as inside trim only on deadlatch functions. Specify complete trim application and door handing when ordering with deadlatch functions.*

**Finishes**

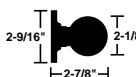
- 605 Bright Brass
- 606 Satin Brass
- 609 Satin Brass, Blackened
- 610 Bright Brass, Blackened
- 612 Satin Bronze
- 613 Oil Rubbed Bronze
- 625 Bright Chromium Plated
- 626 Satin Chromium Plated
- 630 Satin Stainless Steel



613

**ORBIT**

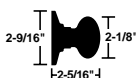
Symbol: ORB  
Material: Wrought brass or bronze  
Finishes: 605, 606, 609, 612, 613, 625, 626



605

**PLYMOUTH**

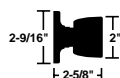
Symbol: PLY  
Material: Wrought brass, bronze, or stainless steel  
Finishes: 605, 612, 613, 626, 630



626

**TULIP**

Symbol: TUL  
Material: Wrought brass  
Finishes: 605, 626



*Functions*

ANSI A156.2 Series 4000 Grade 2

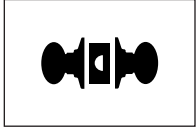
**Non-Keyed Locks**

SCHLAGE    ANSI

**A10S    F75**

**Passage Latch**

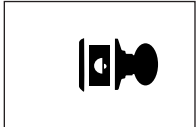
Both knobs always unlocked.



**A25D**

**Exit Lock**

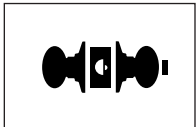
Blank plate outside. Inside knob always unlocked. Specify door thickness, 1 3/8" or 1 3/4".



**A30D    F77**

**Patio Lock**

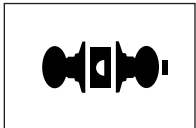
Push-button locking. Turning inside knob or closing door releases button, preventing lock-out.



**A40S    F76**

**Bath/Bedroom Privacy Lock**

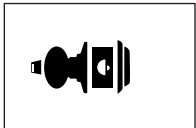
Push-button locking. Can be opened from outside with small screwdriver. Turning inside knob or closing door releases button.



**A43D    F79**

**Communicating Lock**

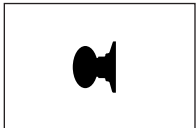
Turn-button in outer knob locks and unlocks knob and inside thumbturn.



**A170**

**Single Dummy Trim**

Dummy trim for one side of door. Used for door pull or as matching inactive trim.



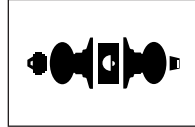
**Keyed Locks**

SCHLAGE    ANSI

**A53PD    F82**

**Entrance Lock**

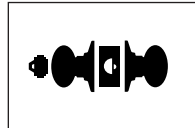
Turn/push-button locking; pushing and turning button locks outside knob requiring use of key until button is manually unlocked. Push-button locking; pushing button locks outside knob until unlocked by key or by turning inside knob.



**A70PD    F84**

**Classroom Lock**

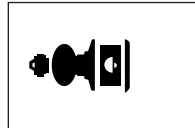
Outside knob locked and unlocked by key. Inside knob always unlocked.



**A79PD**

**Communicating Lock**

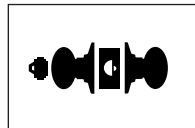
Locked or unlocked by key from outside. Blank plate inside.



**A80PD    F86**

**Storeroom Lock**

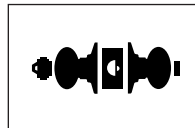
Outside knob fixed. Entrance by key only. Inside knob always unlocked.



**A85PD    F93**

**Hotel/Motel Lock**

Outside knob fixed. Entrance by key only. Push-button in inside knob activates visual occupancy indicator, allowing only emergency masterkey to operate. Rotation of inside spanner-button provides lock-out feature by keeping indicator thrown.



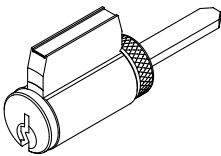
## Cylinders

Schlage locks are provided with cylinder units precision built to extremely close tolerances and the highest standards of accuracy. Phosphor bronze springs, nickel silver keys and pins are used throughout all Schlage product lines to ensure long life and ease of operation. For complete listing of cylinder parts, refer to the A-Series Service Manual.

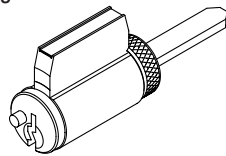
### Standard Cylinders

Number	Description	Design
21-002	6 Pin unit	All except ORB
21-002-122	6 Pin unit	ORB (except A85)
21-003	6 Pin (A85)	All except ORB
21-003-168	6 Pin (A85)	ORB

**Standard Cylinder**  
21-002



**Hotel Function Indicator Cylinder**  
21-003



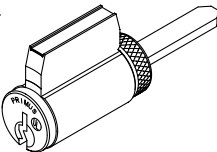
## Primus® Cylinders

Primus Controlled Access cylinders 20-700 as well as High Security cylinders 20-500 are fully compatible with the A-Series keyed functions. In addition to a conventional pin tumbler mechanism, Primus cylinders utilize a patented finger-pin and side-bar design providing a “dual-locking” cylinder that virtually eliminates lock picking.

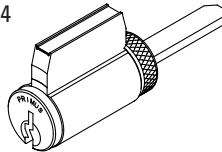
### Primus Cylinders

20-500 Series	20-700 Series	Dim	Description	Design
20-524	20-724	—	6 Pin unit	All except ORB
20-524-122	20-724	122	6 Pin unit	ORB

**20-500 Series**  
20-524



**20-700 Series**  
20-724



## Interchangeable Core

Schlage interchangeable core cylinders are an available option for use in A-Series Orbit design. Interchangeable core cylinders allow the immediate rekeying of a lock without the time and expense of repinning cylinders. The replacement core is installed or replaced with the use of a control key.

### ORBIT

Symbol: ORB  
Material: Wrought brass or bronze  
Finishes: 605, 606, 612, 613, 625, 626



626



*Note: Hotel function A85PD is not available with interchangeable cores.*

### Finishes

- 605 Bright Brass
- 606 Satin Brass
- 612 Satin Bronze
- 613 Oil Rubbed Bronze
- 625 Bright Chromium Plated
- 626 Satin Chromium Plated



## Interchangeable Core

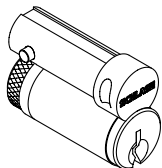
The Schlage standard interchangeable core, based on the figure 8 configuration, is removable by rotating a control key 15° and pulling it out. Cylinders are available with complete locks or in the form of interchangeable core kits for retrofit applications. To order complete locks with interchangeable cores, change product suffix P to R. Example A53RD. To order interchangeable core locks less cores, change the product suffix R to J. When ordering, specify design, finish, and keying requirements.

### Standard Interchangeable Core

Number	Description
23-030	Interchangeable core
01-054	Retrofit kit (driver, retainer, knob, core)
01-025	Driver, retainer, knob
01-053	Driver, retainer*
01-026	Knob only
35-056	Control key, blank
48-056	Control key, cut

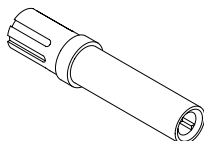
#### Interchangeable Core

23-030



#### Installation Tool

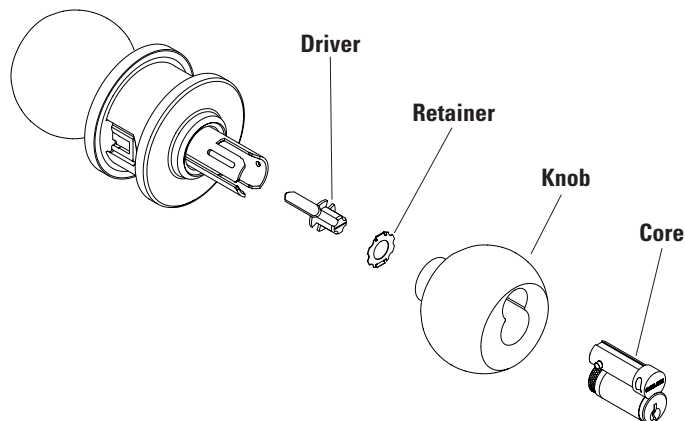
M504-142  
(Order as needed)



#### Retrofit Kit

(Driver, retainer, knob, core)

01-054



## Primus® Interchangeable Core

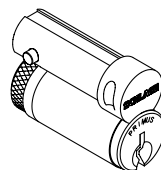
Primus interchangeable cores are an available option in the Controlled Access 20-700 version. Primus interchangeable cores are part of the universal approach to our full line of interchangeable core cylinders. Schlage has designed the drivers for all interchangeable lock lines to accept both standard and Primus cores (manufactured after March 1, 1992), providing flexibility and ease of installation. Existing A-Series lock installations will require the new driver and retainer to be retrofitted. Primus interchangeable core is based on the standard Schlage figure 8 configuration. This requires the use of a control key for insertion as well as retraction of the core. When ordering, specify design, finish, and keying requirements.

### Primus Interchangeable Core

Number	Description
20-740	Primus interchangeable core
01-025	Driver, retainer, knob
01-053	Driver, retainer*

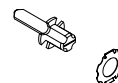
#### Primus Interchangeable Core

20-740



#### Driver and Retainer\*

01-053



*\*Required for upgrading existing interchangeable core locks to Primus.*



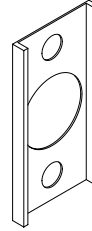
## Latches

A-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, per backset, are shown in bold type.

### Latches

Backset	Faceplate Description	Hsg Dia	Deadlatch 1/2" Throw	Springlatch 1/2" Throw
<b>2 3/8"</b>	1" x 2 1/4" Square corner, standard	7/8"	<b>11-085</b>	<b>11-068</b>
	1" x 2 1/4" Square corner, standard	7/8"	11-088	11-069
	1" Circular drive-in (non-U.L.)	1"	11-104	11-110
<b>2 3/4"</b>	1" x 2 1/4" Square corner	7/8"	11-091	11-111
	1 1/8" x 2 1/4" Square corner	1"	11-096	11-116
	1" x 2 1/4" 1/4" Radius round corner	7/8"	11-092	11-112
	1" Circular drive-in (non-U.L.)	1"	11-105	11-113
<b>3 3/4"</b>	1 1/8" x 2 1/4" Square corner	1"	11-103	11-118

### Latch Front Adapter A501-878

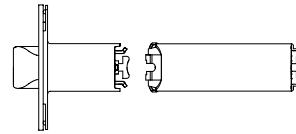


Used to convert 1" wide square front faceplates for 1 1/8" wide door preparations. Furnished in black plastic. Order in units of 100 each.

### Long Backsets

Backsets 5" and over require extension links. A-Series locks with long backsets are normally furnished with 1" faceplates and 7/8" housings. Links installed in 1" latch holes require one G506-815 sleeve (order separately) to join latch and link. Backsets over 5" require an additional sleeve placed 1/8" from lock chasis. Information on longer backsets is available upon request.

### 5" Extension Link 41-005

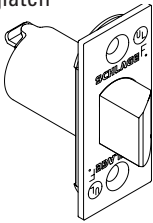


### Sleeve G506-815 (Order separately)

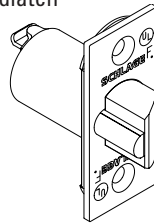


### Square Corner Latches

#### Springlatch

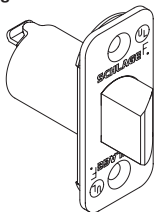


#### Deadlatch

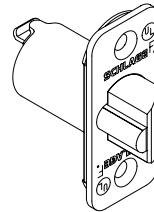


### Round Corner Latches

#### Springlatch

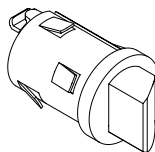


#### Deadlatch

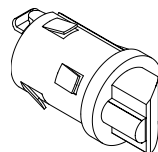


### Drive-In Latches

#### Springlatch



#### Deadlatch

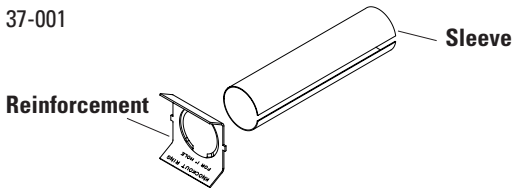


**Latches**

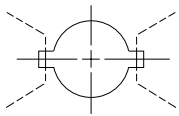
**Door Reinforcement**

Schlage 37-001 reinforcing unit is used 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 A-Series lock installations in hollow metal doors to prevent lateral movement of the latchbolt. Specify door thickness, 1 3/8" or 1 3/4", when ordering reinforcement kits.

**Reinforcement Kit  
37-001**



**Cylindrical Lock**

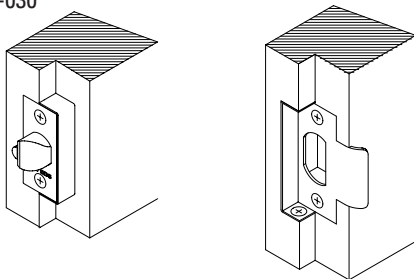


**A501-566  
1 3/4" Doors**



**A501-565  
1 3/8" Doors**

**Rabbeted Latch  
and Strike Kit  
39-030**



Rabbeted latch and strike kit finishes: 606, 626. This kit adapts square corner latches and strikes for 1/2" rabbeted door and frame preparations.

**Strikes**

All Schlage strikes are furnished complete with screws. The standard A-Series strike has a 1 1/8" lip and is furnished with a plastic dust box. When ordering separately specify quantity, product number, finish, and lip length. Standard strikes are shown in bold type.

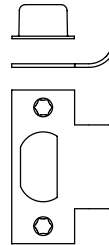
**Strikes**

Number	Lip Length	Description
<b>10-001</b>	1", 1 1/8", 1 1/4", 1 1/2", 1 3/4"	1 1/8" x 2 3/4" Square corner
10-004	1 1/4"	1 1/8" x 2 3/4", 1/8" Radius, round corner
10-025	1 3/8", 1 3/16"	1 1/4" x 4 7/8" ANSI
10-026	1 1/8"	1 5/8" x 2 1/4" Full lip, square corner
10-027	1 1/8"	1 5/8" x 2 1/4" Full lip, 1/4" radius corner
10-058	1 7/32"	1 3/4" Circular, adjustable
K510-066	—	Box, ANSI
39-030*	—	Rabbeted strike adapter kit

\*Use with 2 3/4" square corner strikes only.

**Standard Strike**

10-001  
1 1/8" x 2 3/4" x 3/32"



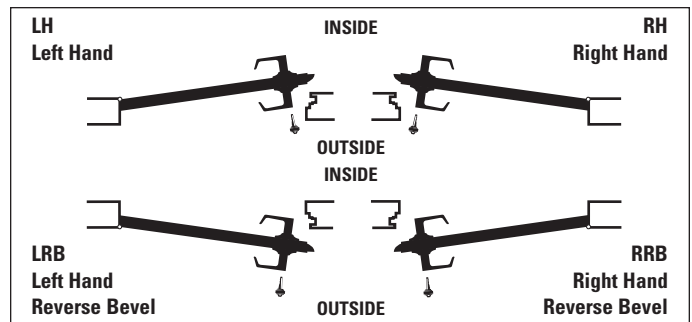
**ANSI Strike**

10-025  
1 1/4" x 4 7/8" x 3/32"



**Door Handing**

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



## How to Order

To order Schlage products, descriptive data should be in the same sequence as shown.

Line Item	Qty	Product	Outside		Inside		Hand	Latch	Strike	DR Thk	Ext	Dim	Additional Details
			Des	Fin	Des	Fin							
1	2	3	4	5	6	7	8	9	10	11	12	13	14

- |   |   |   |   |
|---|---|---|---|
| <p>1. Line item number</p> <p>2. Quantity</p> <p>3. Complete lock product or part number</p> <p>4. Outside design code</p> <p>5. Outside finish code</p> <p>6. Inside design code. Leave blank if same as outside design code.</p> <p>7. Inside finish code. Leave blank if same as outside finish code.</p> <p>8. Hand of door. Only one hand allowed per line item. Example: RH=Right Hand,</p> | <p>LH=Left Hand, RR=Right Reverse, LR=Left Reverse.</p> <p>9. Latch. Leave blank for standard or specify part number if non-standard latch is required. LLL=Less Latch.</p> <p>10. Strike. Leave blank for standard or specify part number if non-standard strike is required. LLL=Less Strike.</p> <p>11. Door Thickness. Enter door thickness if non-standard. Example: 138=1 3/8",</p> | <p>214=2 1/4", 212=2 1/2".</p> <p>12. Extension. Enter one of the following when doors 2" thick or greater are specified:<br/>                     EE = Extended Equally<br/>                     EI = Extended Inside<br/>                     EO = Extended Outside<br/>                     ED = Extended Differently<br/>                     EI or EO assumes the latch will be centered on a 1 3/4" door, to which material has been added.</p> <p>13. Enter dimension for non-standard strike lip length</p> | <p>and mortise cylinder or blocking ring length.<br/>                     012 = 1/8"    118 = 1 1/8"<br/>                     018 = 3/16"    114 = 1 1/4"<br/>                     025 = 1/4"    138 = 1 3/8"<br/>                     031 = 5/16"    112 = 1 1/2"<br/>                     037 = 3/8"    158 = 1 5/8"<br/>                     050 = 1/2"    134 = 1 3/4"<br/>                     078 = 7/8"    200 = 2"<br/>                     100 = 1"    400 = 4"</p> <p>14. Enter detail for keying information and for special requirements.</p> |
|---|---|---|---|

### EXAMPLE

Line Item	Qty	Product	Outside		Inside		Hand	Latch	Strike	Dr Thk	Ext	Dim	Additional Details
			Des	Fin	Des	Fin							
1	100	A53PD	PLY	626			RH	11-096	10-025				1AA-100AA
2	200	A53LD	PLY	626				11-096	10-025				Less Cylinder
3	200	20-724		626									1AA-200AA

**Note:** Schlage order forms are available at no charge by contacting your Schlage Representative or Customer Service.

## Limited Warranty

Schlage Lock Company (the "Company") warrants to the original purchaser that the products manufactured by it (the "Product") to be free of defects in material and workmanship. Provided: (i) The Company has been notified within one year of purchase date and been given the opportunity of inspection by return of any alleged defective Product to the Company, or its authorized distributor, at the address specified herein, free and clear of all liens and encumbrances, transportation prepaid, accompanied by the statement of defects and proof of purchase; and (ii) The Product has not been modified, abused, misused, or improperly installed, maintained and/or repaired during such period; and (iii) Such defect has not been caused by corrosion or ordinary wear and tear.

THE COMPANY MAKES NO OTHER WARRANTY, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY PERIOD AS SET FORTH ABOVE.

THE COMPANY'S MAXIMUM LIABILITY HEREUNDER IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, INCIDENTAL OR SPECIAL DAMAGES OF ANY NATURE ARISING FROM THE SALE OR USE OF THIS PRODUCT, WHETHER IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE.

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**Commercial Customer Service Department**  
 2401 Bayshore Boulevard  
 San Francisco, California 94134  
 (800) 847-1864  
 FAX (800) 452-0663

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