CL/CK Series

GRADE 1 HEAVY DUTY CYLINDRICAL LOCKS
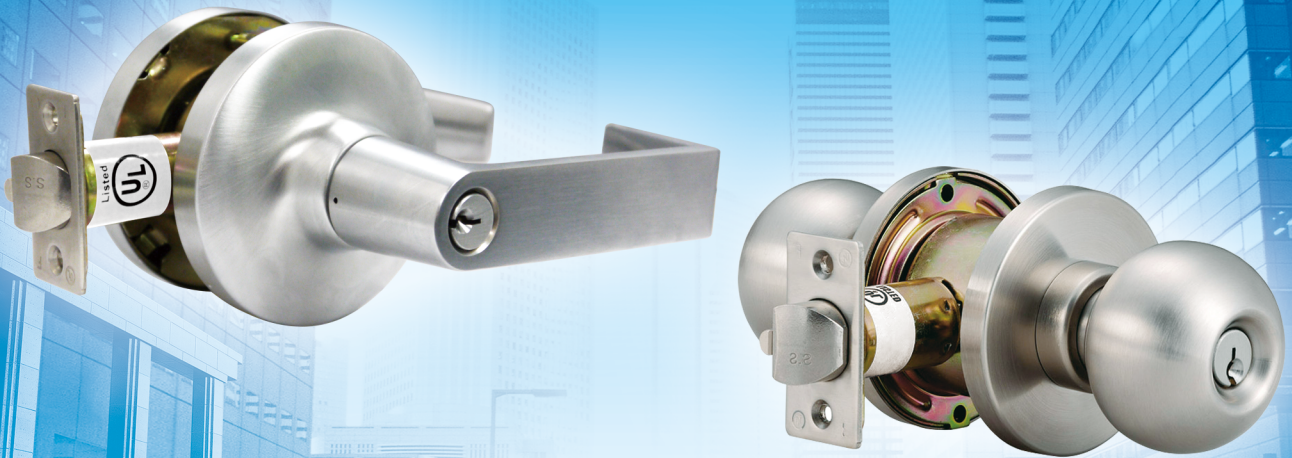
ANSI/BHMA 156.2 GRADE 1 SPECIFICATION

BHMA CERTIFIED

10 YEAR WARRANTY

★★★★★★★

UNISON HARDWARE, INC.

www.inoxproducts.com

Version: 2015.10

TABLE OF CONTENTS

How to Order

Product Identification

CL 07 50 IC -26D -238

Blank = Standard 2-3/4" Backset
-238 = 2-3/8" Backset
-500 = 5" Backset

Finish:
- 26D = (626) Satin Chrome
- 26 = (625) Bright Chrome
- 3 = (605) Bright Brass
- 4 = (606) Satin Brass
- 10B = (613) Oil Rubbed Bronze
- 32D = (630) Satin Stainless Steel (Knob only)

Cylinder Options:
Blank=Sandard Cylinder in Lever/Knob 6 Pin Schlage C Keyway
IC = With Small Format Interchangeable Cylinder Less Core*
* All IC Core i.e. construction core, combinated core order separately.

Lever or Knob Design:
07
09
06
31 (Knob)

Product Family:
CL = CL Series Grade 1 Cylindrical Lock
CK = CK Series Grade 1 Cylindrical Knob

Function:

**Non-Keyed Locks:**
10 = Passage Latch (F75)
40 = Bath/Bedroom Privacy Lock (F76)
25 = Exit/Communicating Lock (F111)
17 = Single Dummy Trim

**Keyed Locks:**
50 = Entrance/Office Lock (F82)
53 = Entrance (F109)
70 = Classroom Lock (F84)
75 = Intruder Classroom Lock (F110)
80 = Storeroom Lock (F86)
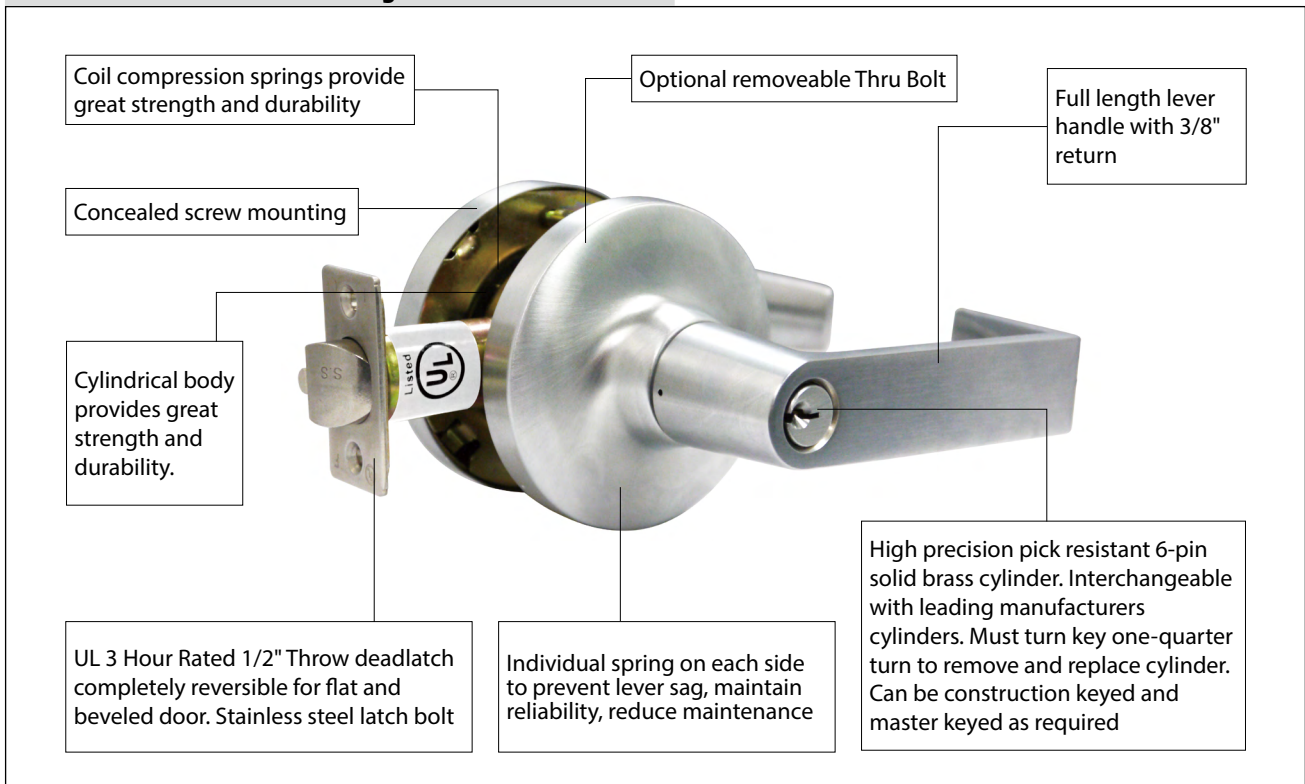66 = Store Door Lock (F91)
82 = Institution Lock (F87)

INOX® CL Cylindrical Lock
CROSS REFERENCES

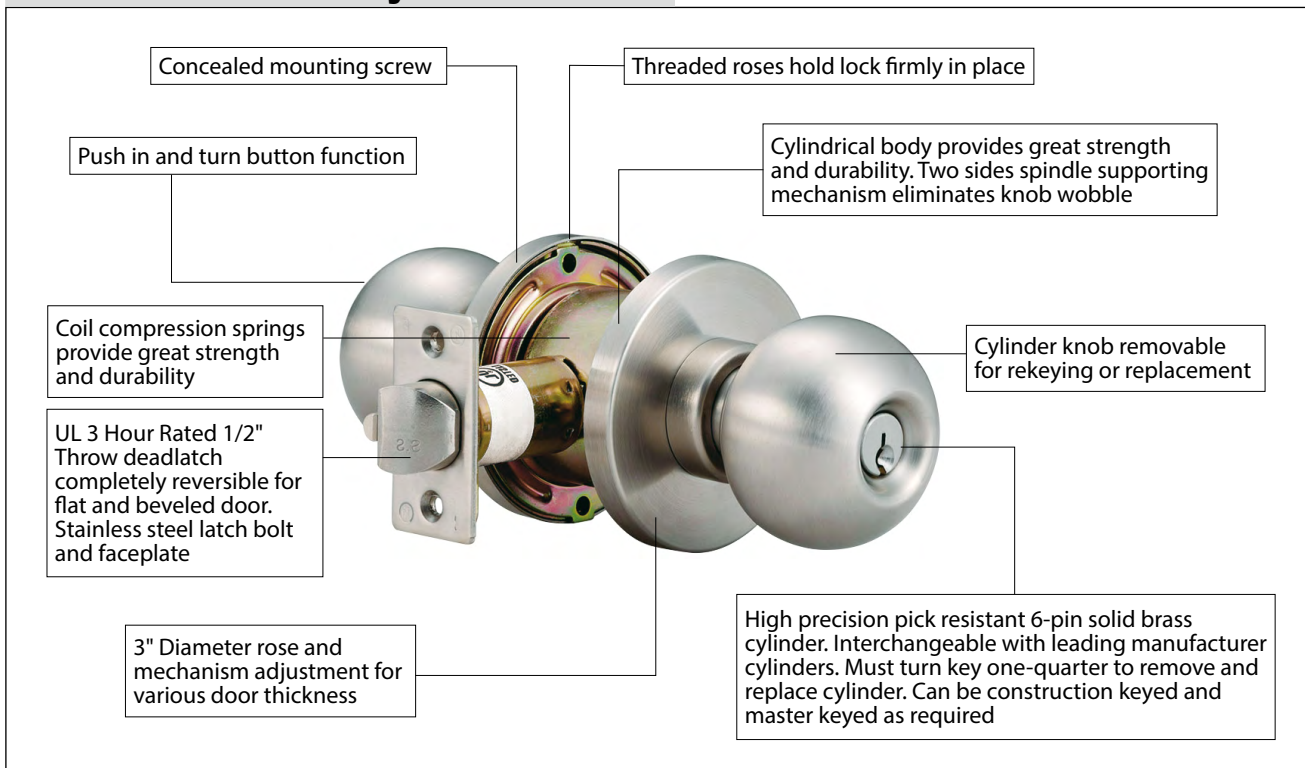| ANSI No. Grade 1	Function	INOX®	Dorma	Schlage	Hager	Cal-Royal
F75	Passage	CL10	CL710	ND10S	3410	GN-30
F76	Privacy	CL40	CL840	ND40S	3440	CGN-20
F111	Exit/Communicating	CL25	-	ND25	-	-
F109	Entrance	CL53	CL853	ND53PD	3453	CGN-00
F84	Classroom	CL70	CL870	ND70PD	3470	CGN-03
F110	Intruder Classroom	CL75	-	-	3495	CGN-07
F86	Storeroom	CL80	CL880	ND80PD	3480	CGN-04
F91	Store Door	CL66	-	ND66	-	CGN-02
F87	Institution	CL82	CL882	ND82PD	-	CGN-09
-	Dummy	CL17	CL801	ND170	3417	GN-40

INOX® CK Cylindrical Lock
CROSS REFERENCES

ANSI No. Grade 1	Function	INOX®	Dorma	Schlage	Hager	Cal-Royal
F75	Passage	CK10	CK810	D10S	3410	GRB-30
F76	Privacy	CK40	CK840	D40S	3440	GRB-20
F111	Exit/Communicating	CK25	-	D25D	-	-
F109	Entrance	CK53	CK853	D53PD	3453	GRB-00
F84	Classroom	CK70	CK870	D70PD	3470	GRB-03
F110	Intruder Classroom	CK75	-	-	-	-
F86	Storeroom	CK80	CK880	D80PD	3480	GRB-05
F91	Store Door	CL66	-	-	-	GRB-02
F87	Institution	CK82	CK882	D82PD	-	GRB-09
-	Dummy	CK17	CK801	D170	3417	GRB-40

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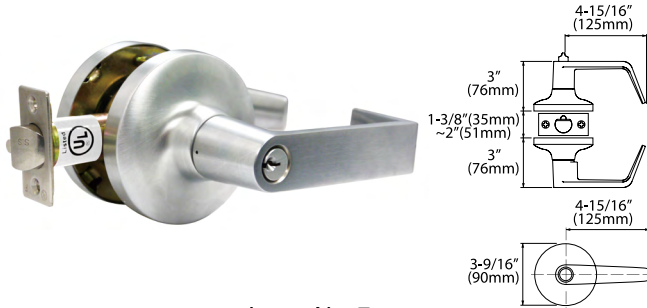Tel: +1.916.388.1888   Fax: +1.916.388.8322   Email: info@unisonhardware.com   Web: www.inoxproducts.com

Unison

01

CL Series Grade 1 Cylindrical Lock

Coil compression springs provide great strength and durability

Concealed screw mounting

Cylindrical body provides great strength and durability.

Optional removeable Thru Bolt

Full length lever handle with 3/8" return

UL 3 Hour Rated 1/2" Throw deadlatch completely reversible for flat and beveled door. Stainless steel latch bolt

Individual spring on each side to prevent lever sag, maintain reliability, reduce maintenance

High precision pick resistant 6-pin solid brass cylinder. Interchangeable with leading manufacturers cylinders. Must turn key one-quarter turn to remove and replace cylinder. Can be construction keyed and master keyed as required

CK Series Grade 1 Cylindrical Knob

Concealed mounting screw

Push in and turn button function

Threaded roses hold lock firmly in place

Cylindrical body provides great strength and durability. Two sides spindle supporting mechanism eliminates knob wobble

Coil compression springs provide great strength and durability

UL 3 Hour Rated 1/2" Throw deadlatch completely reversible for flat and beveled door. Stainless steel latch bolt and faceplate

Cylinder knob removable for rekeying or replacement

3" Diameter rose and mechanism adjustment for various door thickness

High precision pick resistant 6-pin solid brass cylinder. Interchangeable with leading manufacturer cylinders. Must turn key one-quarter to remove and replace cylinder. Can be construction keyed and master keyed as required

CL Lockset / CK Knobset Grade 1
Commercial Cylindrical Locks

4-15/16"
(125mm)

3"
(76mm)

1-3/8"(35mm)
~2"(51mm)

3"
(76mm)

4-15/16"
(125mm)

3-9/16"
(90mm)

Lever No. 7

1-3/8"(35mm) ~ 2"(51mm)

3"
(76mm)

2-9/32"
(58mm)

6-13/16"(173mm)
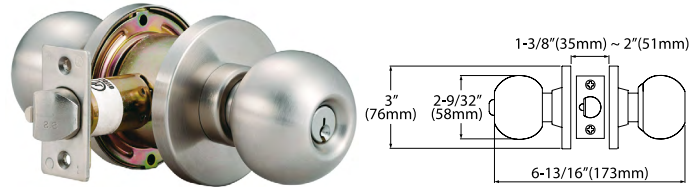
Knob No. 31

Specifications

· **Door Thickness:** 1-3/8"(35mm) ~2"(51mm) doors standard.
· **Door Prep:** Crossbore 2-1/8"(54mm), Edgebore 1"(25mm), Latch face 2-1/4"(57mm) x 1-1/8"(28.6mm).
· **Backset:** 2-3/4"(70mm) standard. 2-3/8"(60mm) and 5"(127mm)optional.
· **Cylinder:** 6-pin anti-pick, solid brass cylinder.
· **Keys:** Two (2) keys per lock. Schlage C keyway. Keyed-Different standard. Keyed-Alike, Construction key, Master key suite, or other keyway available by special order.
· **Handing:** Non-handed.
· **Trim:** Solid zinc diecast levers. 55° lever rotation for full latch retraction.
· **Clutch Function (CL):** Outside lever free wheeling while locked to prevent vandalism.
· **Rose:** 3-9/16"(90mm) diameter for CL Rose, 3"(76mm) diameter for CK Rose. Brass roses. Concealed screws. Threaded interior and exterior roses. Removable thru bolts.
· **Latchbolt:** 1/2" (12.7mm) throw, stainless steel 3 hour fire rated latchbolt. Reversible for flat and beveled doors.
· **Faceplate:** 2-1/4"(57mm) x 1-1/8"(28.6mm) square corner standard. Stainless steel or brass faceplate.
· **Strike:** ANSI curved lip strike 4-7/8"(124mm) x 1-1/4"(32mm) x 1-1/4"(32mm) lip to center standard. Full lip strike or T strike available.

Warranty

10 Year Warranty

Finishes

Stocking: US26D (626) Satin Chrome
　　　　　US10B (613) Oil Rubbed Bronze
Special Order:
　　　　　US26 (625) Bright Chrome
　　　　　US3 (605) Bright Brass
　　　　　US4 (606) Satin Brass
　　　　　US32D (630) Satin Stainless Steel (Knob only)

Functions

Keyed Locks:
· Entrance/Office Lock (F82)
· Entrance (F109)
· Classroom Lock (F84)
· Intruder Classroom Lock (F110)
· Storeroom Lock (F86)
· Store Door Lock (F91)
· Institution Lock (F87)

Non-Keyed Locks:
· Passage Latch (F75)
· Bath/Bedroom Privacy Lock (F76)
· Exit/Communicating Lock (F111)
· Single Dummy Trim

Door Preparation

1-1/8"
(28.6mm)

2-3/4"
(70mm)

Optional 5/16"(8mm) dia

2-1/4"
(57mm)

2-3/4"
(70mm)

2-1/8"(54mm) dia

1"(25mm) dia
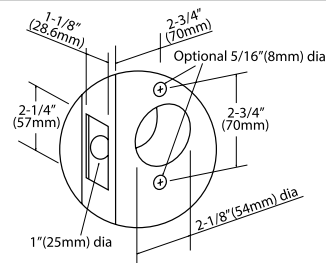
Code Compliance

· ANSI A156.2 Grade 1, UL 10C and UBC 7.2 for positive pressure.
· ANSI A117.1 ADA Barrier-free Accessibility
· C-UBC California Uniform Builders Code-2001
· NFPA-80 National Fire Protection-1999
· NFPA-101National Fire Protection-Life Safety-2000

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Unison ARCHITECTURAL HARDWARE

03

Lever or Knob Designs
Lever Options

07

3"
(76mm)

3/8"
(9.5mm)

4-15/16"
(125.5mm)

IN STOCK

09

3"
(76mm)

3/8"
(9.5mm)

4-15/16"
(125.5mm)

SPECIAL ORDER

06

2-29/32"
(74mm)

4-1/2"
(114mm)

SPECIAL ORDER

31 (Knob)

2-5/32"
(55mm)

2-15/16"
(74.5mm)

SPECIAL ORDER

Finishes

IN STOCK		SPECIAL ORDER			
US26D(626) Satin Chrome	US10B(613) Oil Rubbed Bronze	US32D(630) Satin Stainless (Knob Only)	US26(625) Bright Chrome	US3(605) Bright Brass	US4(606) Satin Brass

Functions

Non Keyed Locks
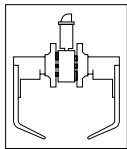
10 (ANSI: F75)
Passage Latch
· Both levers are always unlocked from inside and outside
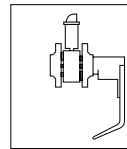
25 (ANSI: F111)
Exit/Communicating Lock
· Inside lever is always unlocked
· Blank plate outside
· Inside lever is always free for emergency exit.
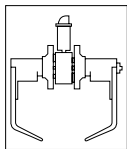
40 (ANSI: F76)
Bath/Bedroom Privacy Lock
· Outside lever is locked by push button inside
· Outside lever is unlocked by emergency release outside, or rotating inside lever or closing door
· Inside lever is always free providing emergency exit
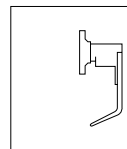
17
Single Dummy Trim
· Single dummy trim for one side

Keyed Locks
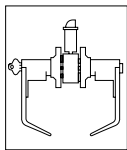
50 (ANSI: F82)
Entrance/Office Lock
· Push button locks outside lever until unlocked by key or turning inside lever.
· Key outside releases push button, unlocking outside lever.
· Operating inside lever release push button, unlocking outside lever.
· Inside lever is always free providing emergency exit.
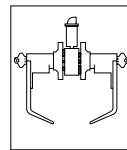
75 (ANSI: F110)
Intruder Classroom Lock
· The outside lever is locked or unlocked by key from either side.
· When unlocked, the lockset works as a passage set
· When locked, key required from either outside or inside to unlock the lockset
· The inside lever is always unlocked providing emergency exit
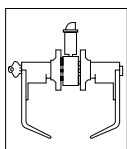
53 (ANSI: F109)
Entrance Lock
· Push and thumb-turn button keep outside lever locked. Key is always required to unlock the outside lever until button is reset.
· Push button only locks outside lever, until it is unlocked by key or by turning inside lever.
· Key release outside lever and push button inside, except when inside button is pushed and turned to keep outside lever locked.
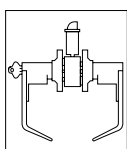· Inside lever always free for emergency exit.
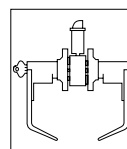
80 (ANSI: F86)
Storeroom Lock
· Outside lever is unlocked only while key is turned
· Inside lever is always free providing emergency exit
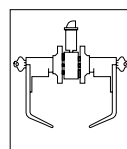
66 (ANSI: F91)
Store Door Lock
· Key from either inside or outside locks or unlocks both levers
· When unlocked, latch bolt operates by lever from either side.

70 (ANSI: F84)
Classroom Lock
· The outside lever is locked or unlocked by key
· When unlocked the lockset works as a passage set
· When locked, key required from outside to unlock the lockset
· The inside lever is always unlocked providing emergency exit
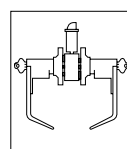
82 (ANSI: F87)
Institution Lock
· Both levers are always inoperable
· Entrance by key in lever from either side

Latches

Deadlatches and Spring Latches

LSL06N
2-3/8" Spring Latch
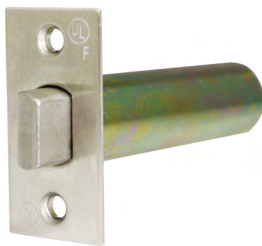1-1/8" Faceplate
CL/CK Series

LSL06K
2-3/8" Dead Latch
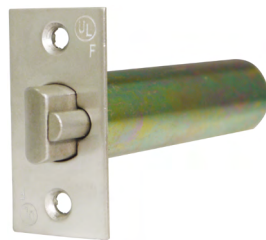1-1/8" Faceplate
CL/CK Series

LSL07N
2-3/4" Spring Latch
1-1/8" Faceplate
CL/CK Series

LSL07K
2-3/4" Dead Latch
1-1/8" Faceplate
CL/CK Series

LSL08N
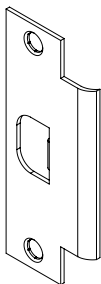5" Spring Latch
1-1/8" Faceplate
CL/CK Series

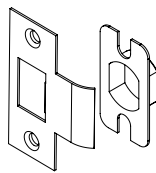**LSL08K**
5" Dead Latch
1-1/8" Faceplate
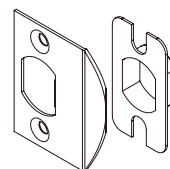CL/CK Series

LSK-EX15
Extension for 5" Backset

Strikes

LSR-ASA
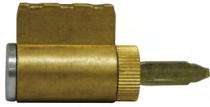ASA Strike (ANSI Standard)
1-1/4"x4-7/8"

LSR-T1
T- Strike
1-1/8" x 2-3/4"
w/lip 1-1/2"x1/2"

LSR-D1
Full-lip Strike
1-3/4"x2-1/4"

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Standard Cylinder
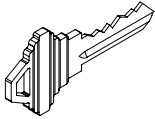
Illustration	Item Code	Description	ANSI
	CYKB1146SC	Standard Cylinder in Lever or Knob, 6 Pin Schlage C Keyway	E09231

Interchangeable Cores Only

- Solid brass plug and housing
- Small Format (SFIC) Core in Best A Keyway
- 6 or 7 pin cores replace Arrow, Best, Falcon
- Construction or Combinated Core
- 1 Control key per group/order
- 2 Change keys per Combinated Core – A2 System Only
- 1 master key or grand master key included per group/order
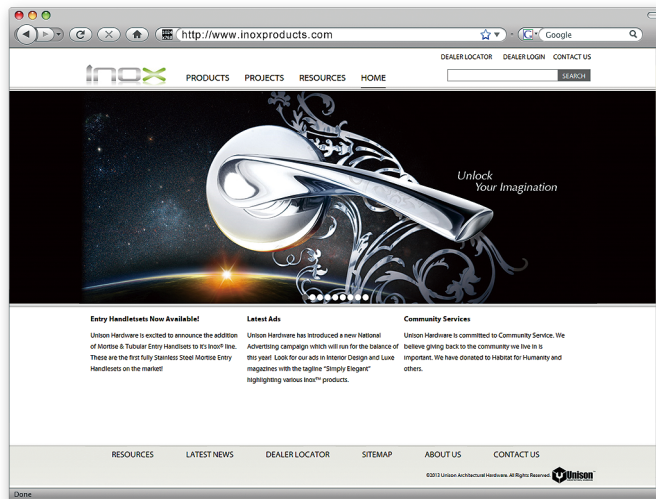- US26D or US4 finish only

Illustration	Item Code	Description	ANSI
	CMB-ICBA6-CST	SFIC Core Only, Best A Keyway, 6 Pin, Construction	E09251
	CMB-ICBA6-CMB	SFIC Core Only, Best A Keyway, 6 Pin, Combinated	E09251
	CMB-ICBA7-CMB	SFIC Core Only, Best A Keyway, 7 Pin, Combinated	E09251

Keys

Illustration	Item Code	Description
	LSK-6SC-NP	Standard key Schlage C Keyway for 6 Pin, Nickel Plated
	LSK01-6SC-NS-DND	DND Nickel Silver Key, Schlage C Keyway for 6 Pin, w/"Do Not Duplicate"
	LSK06-BA-CRK	Extra Control Key for IC Core, Best A Keyway
	LSK06-BA-MK	Extra Master Key for IC Core, Best A Keyway
	LSK06-BA-GMK	Extra Grand Master Key for IC Core, Best A Keyway

Keying Services

Description	Item No.
Service: Key Cut including Key Blank	SV-KYCT
Service: Keyed Alike (KA)	SV-KA
Service: Keyed Alike Pair	SV-KA2
Service: Keyed Alike Group (Specify Number of Keyed Alike Per Group)	SV-KA (Number)
Service: Keyed to Specific Code	SV-KS
Service: Master Keying	SV-MK
Service: Grand Master Keying with 2 or more Master groups.	SV-GMK
Service: Construction Master Keying Service	SV-CMK
Service: Great Grand Master Key	SV-GGMK

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Unison

07

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for more technical and new product information.

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