Alarm Exit Hardware
GRADE 1 Rim Type Exit Device

Rim Type Exit Devices

NALRM9800EO36	Alarm Rim Type 36" Door (Panic Grade)
NALRM9820EO48	Alarm Rim Type 48" Door (Panic Grade)
FNALRM980036	Alarm Rim Type 36" Door (Fire Grade)
FNALRM982048	Alarm Rim Type 48" Door (Fire Grade)

Vertical Rod Type Exit Devices

Prefix **"NALRM"** before MODEL #

Features

- 1, 3, 5-minute and continuous alarm type settings available
- ON and OFF power switch
- Alarm sound frequency is 120 db
- Alarm unit has an internal horn. When the push rail is depressed, the horn sounds to provide an audible means of signaling that the door has been opened and breached
- The key switch to turn alarm off is a standard 1 ¼" cylinder with "C" keyway. The alarm operates on one standard 9-volt transistor battery. When battery is weak the horn will emit an intermittent signal.
- Alarmed units are supplied with a micro switch, which monitors the push rail and the latch bolt for foolproof security on rim devices
- Alarm unit has a signal OC output that can be linked to external alarm control systems
- Easy removal of the alarm unit without the need to dismount the exit device for battery maintenance
- Unit includes "**EMERGENCY EXIT ONLY ALARM WILL SOUND**" decal for application on door or unit

Finishes

Cal-Royal	Description	BHMA	US Finish	Material
P	Prime Coat	600	USP	Steel
3	Polished Brass, Clear Powder Coat	605	US3	Brass
4	Satin Brass, Clear Powder Coat	606	US4	Brass
9	Polished Bright Bronze	611	US9	Bronze
10	Satin Bronze, Clear Powder Coat	612	US10	Bronze
10B	Oil Rubbed Bronze	613	US10B	Bronze
26	Polished Bright Chrome	625	US26	Brass
26D	Satin Chrome	626	US26D	Brass
32	Polished Bright Stainless	628	US32	Stainless Steel
32D	Satin Stainless	630	US32D	Stainless Steel

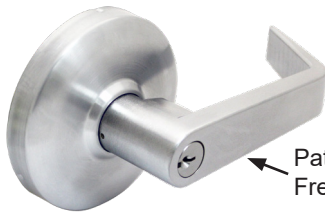# Trim Selection
CLUTCH CYLINDRICAL LEVER

Non-Handed Grade 1 (Clutch Style)
Cylindrical body hardened steel heavy duty tailpiece. For 1 ¾" and 2 ¼" doors.
Prefix **"THI"** before Part # for 2 ¼" door thickness.
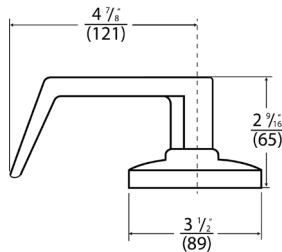Available for Fire and Non-Fire Rated **Rim, SVR, and 3-PT Type** Exit Devices.
Rose diameter 3 ½", lever length 4 ¾". Fits and covers 161 cutout.
Finishes: US26D, US26, US3, US4, US10, US10BE, US1

> *GN DESIGN ONLY: ENT00L, ICENT00L, STR05L, ICSTR05L, PAS30L, DUM40L IN US32D FINISH, ALL STAINLESS STEEL EXTERIOR. INCLUDES GRADE 304SS LEVER AND ROSE*

GN DESIGN — Patented Clutch Freewheeling

Dimensions: 4 ⅞" (121), 2 ⁹/₁₆" (65), 3 ½" (89)

Part #	Function
ENT00L or	**ENTRANCE**
ICENT00L or	Key locks and unlocks lever.
ICSCENT00L4	Operates as CLASSROOM
SARICENT00L (Sargent)	FUNCTION.
RUSICENT00L (Corbin / Russwin)	ANSI Function (08)
YALICENT00L (Yale)	
8000K	Ball Knob Keylock
STR05L or	**STOREROOM**
ICSTR05L or	Key operates lever,
ICSCSTR05L4	otherwise always locked.
SARICSTR05L (Sargent)	ANSI Function (09)
RUSICSTR05L (Corbin / Russwin)	
YALICSTR05L (Yale)	
PAS30L	**PASSAGE**
	Trim always operable and free.
	ANSI Function (14)
DUM40L	**DUMMY**
	Dummy trim. One sided
	ANSI Function (02)

KEYWAY: 6-Pin solid brass "C" keyway standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and **Cal-Royal HSK** High Security Cylinders.

(IC) INTERCHANGEABLE CORE: Interchangeable Core locks will accept compatible 6 or 7-Pin cores with **BEST, FALCON and ARROW.**

(ICSC) INTERCHANGEABLE CORE: Indicates function available with **SCHLAGE, CORBIN/RUSSWIN, SARGENT and YALE Full Size Format** Interchangeable Core

KEYWAY +	DESIGN +	FUNCTION +	FINISH
BEST, FALCON, & ARROW - **IC**	**AT**	**ENT00L**	
SCHLAGE - **ICSC**	**SPA**	**STR05L**	
CORBIN/RUSSWIN - **RUSIC**	**TUB***	**PAS30L**	
SARGENT - **SARIC**	**AUG**	**DUM40L**	
YALE - **YALIC**	**DAN**		
	LON		
	TAC		
	ALP*		

HOW TO ORDER IN LFIC

Example: ICSCENT00L4 US26D in "SPA" design is ICSCSPAENT00L4 US26D

Note: Yale LFIC is only available in GN, AT, SPA lever designs | TUB* is only available in SFIC | ALP* is only available in SFIC & SCHLAGE LFIC.

Other Lever Trim Designs

Available in SFIC & LFIC

AT

SPA

Available in SFIC

TUB*

Available in SFIC & LFIC *except YALE LFIC*

AUG

DAN

LON

TAC

Available in SFIC & LFIC *only SCHLAGE LFIC*

ALP*

8000K

Anti-Microbial Coating available in US26D or US32D Only. Use part # **"ANTB-TRIM"** when ordering.

Cal-Royal Products, Inc. reserves the right to, and may, on occasions, make changes and/or improvements in design, dimensions and technical specifications without prior notice.

Trim Selection

HEAVY DUTY STAINLESS STEEL CLUTCH LEVER ESCUTCHEON (High Frequency Abusive Situation such as Schools, Hospitals, Industrial / Institutional)

CONSTRUCTION
- Clutch mechanism
- Double heavy duty spring support to prevent sagging and enhance operation
- Grade 1, thru-bolted design. Non-handed design.
- All Stainless Steel heavy duty tailpiece.
- Available for Fire and Non-Fire Rated **Rim, SVR, and 3-PT** Type Exit Devices
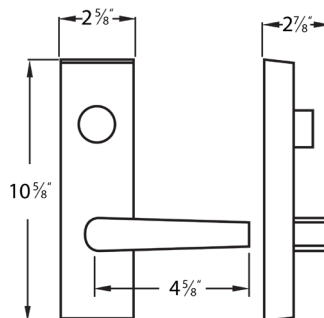- Standard 6-Pin Schlage "C" Mortise Cylinder included

DOOR THICKNESS
Standard 1 ¾" to 2".
For 2" or 2 ½" thick door use additional Part # TAIL9

ESCUTCHEON DIMENSIONS
2 ⅝" width x 10 ⅝" length.   Lever length: 4 ⅝".
Fits and covers 2 ⅛" 161 cutout

Lever Trim Designs

HDESC

TS

RL

HDESC-00 or **ICHDESC-00** **ICSCHDESC-00**	**ENTRANCE** Clutch Entrance, key locks or unlocks escutcheon trim. ANSI Function (08) Operates as classroom function
HDTSESC-00 **ICHDTSESC-00** **ICSCHDTSESC-00**	
HDESC-05 or **ICHDESC-05** **ICSCHDESC-05**	**STOREROOM** Clutch Storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked. ANSI Function (09)
HDTSESC-05 **ICHDTSESC-05** **ICSCHDTSESC-05**	
HDESC-30 **HDTSESC-30**	**PASSAGE** Trim always operable and free ANSI Function (14)
HDESC-40 **HDTSESC-40**	**DUMMY** Dummy Escutcheon trim ANSI Function (02)

TO ORDER RL lever design, add "**RL**" after "**HD**" when ordering.

e.g. HD**RL**ESC-00 for HDESC-00 with RL design.

KEYWAY: 6-Pin solid brass "C" keyway Mortise Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and *Cal-Royal HSK* High Security Cylinders.

(IC) INTERCHANGEABLE CORE: Interchangeable Core locks will accept compatible 6 or 7-Pin cores with BEST, FALCON and ARROW

(ICSC) INTERCHANGEABLE CORE: Indicates function available with **Schlage Full Size Format** Interchangeable Core. Corbin, Sargent and Yale format also available.

Anti-Microbial Coating available in US32D Only. Use part # "**ANTB-TRIM**" when ordering.

FOR ELECTRIFICATION OPTION:
SPECIFY ITEM # UPON ORDERING

TO ORDER "RL" OR "TS" LEVER DESIGN, REPLACE "HD" WITH "RL" OR "TS".

ITEM#	DESCRIPTION
FS12HD	FAIL-SAFE (**FS**) OPTION 12V AC / DC
FS24HD	FAIL-SAFE (**FS**) OPTION 24V AC / DC
FSE12HD	FAIL-SECURE (**FSE**) OPTION 12V AC / DC
FSE24HD	FAIL-SECURE (**FSE**) OPTION 24V AC / DC

Cal-Royal Products, Inc. reserves the right to, and may, on occassions, make changes and/or improvements in design, dimensions and technical specifications without prior notice.
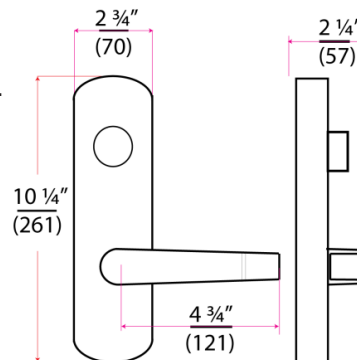
Trim Selection
RIGID LEVER ESCUTCHEON

CONSTRUCTION
- Rigid, non clutch mechanism.
- Double heavy duty spring support to prevent sagging and enhance operation.
- Grade 1, thru-bolted design. Non-handed design.
- Hardened steel heavy duty tailpiece.
- Available for Fire and Non Fire Rated **Rim, SVR, and 3-PT Type** Exit Devices.
- Standard 6-Pin Schlage "C" Mortise Cylinder included

DOOR THICKNESS
Standard 1 ¾". For 2 ¼" thick door use additional Part # TAIL3

ESCUTCHEON DIMENSIONS
2 ¾" width x 10 ¼" length. Lever length: 4 ¾".
Fits and covers 2 ⅛" 161 cutout.

2 ¾" (70)   2 ¼" (57)
10 ¼" (261)
4 ¾" (121)

Anti-Microbial Coating available in US26D Only.
Use part # "**ANTB-TRIM**" when ordering.

NESC9800 or **ICNESC9800 or** **ICSCNESC9800**	**ENTRANCE** Rigid Entrance, key locks or unlocks escutcheon trim ANSI Function (08) Operates as classroom function
NESC9805 or **ICNESC9805 or** **ICSCNESC9805**	**STOREROOM** Rigid Storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked ANSI Function (09)
NESC9830	**PASSAGE** Trim always operable and free ANSI Function (14)
NESC9840	**DUMMY** Dummy Escutcheon trim ANSI Function (02)

TO ORDER other lever design insert "**AT**", "**RL**", "**TUB**", "**LON**", or "**TAC**" before "**ESC**": e.g. **AT**ESC9800 for NESC9800 with AT design.

KEYWAY: 6-Pin solid brass "C" keyway Mortise Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and *Cal-Royal HSK* High Security Cylinders.

FOR ELECTRIFIED TRIM OPTIONS SEE PAGE 36

- **(IC) INTERCHANGEABLE CORE:** Interchangeable Core locks will accept compatible 6 or 7-Pin cores with BEST, FALCON and ARROW.

- **(ICSC) INTERCHANGEABLE CORE:** Indicates function available with **Schlage Full Size Format** Interchangeable Core. Corbin, Sargent and Yale format also available.

Lever Trim Designs

ESC

AT

RL

TUB

LON

TAC

Cal-Royal Products, Inc. reserves the right to, and may, on occassions, make changes and/or improvements in design, dimensions and technical specifications without prior notice.

Electrified Lever Trim

Cal-Royal's electrified lever trim provides remote locking and unlocking capabilities using industry safety standards. The solenoid can be energized from a distant controller, thus allowing access control of the opening. The control of stairwells in high-rise buildings is a common application for this trim, where electric pullback of the exit device's latch bolt is cost prohibitive or not required. This is especially practical in applications where fire/life safety codes require a "fail-safe" condition which is not an option with electrified latch pullback devices. Because the current draw is quite low there is no need for a more expensive power supply to provide the surge current.

Features

- Continuous duty solenoids used to insure trouble-free operation
- Internally mounted solenoid to ease installation (no special door prep required)
- No Hassle 3-year Warranty

> Anti-Microbial Coating available in US26D Only. Use part # "**ANTB-TRIM**" when ordering.

Specifications

Solenoid.................. Continuous Duty
Operating Voltage.... Dual 12-24V AC / DC ± 10%
Amperage................ 250mA @ 12V or 150mA @ 24V
Coil Resistance........ 12V = 49Ω or 24V = 159Ω
Function................... available Fail Safe, Electrically Locked (**EL**) or Fail Secure, Electrically Unlocked (**EU**)

ITEM#	DESCRIPTION
ESC77/98-EL ● **IC**ESC77/98-EL ● **ICSC**ESC77/98-EL	**EL** (Electrically Locked, Fail Safe), Voltage: 11-30VDC / 10-24VAC
ESC77/98-EU ● **IC**ESC77/98-EU ● **ICSC**ESC77/98-EU	**EU** (Electrically Unlocked, Fail Secure), Voltage: 11-30VDC / 10-24VAC

TO ORDER other design, Insert: "**AT**", "**RL**", "**TUB**", "**LON**", or "**TAC**" before "**ESC77/98**". e.g. **ATESC77/98-EL** for ESC77/98-EL in AT design
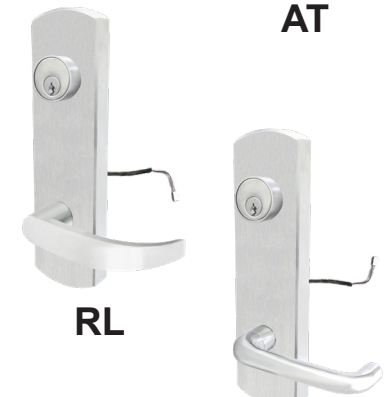
● **(IC) INTERCHANGEABLE CORE:** Interchangeable Core locks will accept compatible 6 or 7-Pin cores with BEST, FALCON and ARROW

● **(ICSC) INTERCHANGEABLE CORE:** Indicates function available with **Schlage Full Size Format** Interchangeable Core. Corbin, Sargent and Yale format also available.
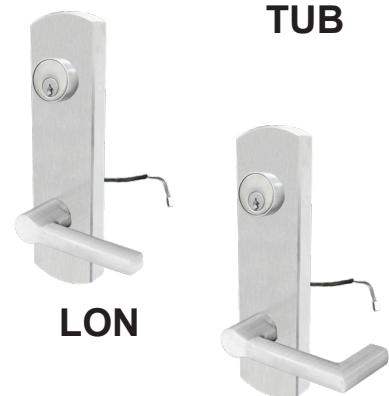
Lever Trim Designs

ESC77/98

AT

RL

TUB

LON

TAC

Heavy Duty Digital Exit Trims

MECHANICAL CRCODE101

Features

- Heavy Duty
- Designed for 7700 and 9800 Series Grade 1 Rim and Surface Vertical Rod Type Exit Devices
- Single Code (up to 8000 code combinations)
- Weather-Resistant finish
- Code can be changed anytime without dismounting
- Full size, Non-Handed
- Easy Installation

ELECTRONIC CRCODE007

Features

- Dual mode for code free entry either mechanically by key or electronically thru the keypad
- Designed for 7700 and 9800 Series Rim Exit Devices
- Can store up to 90 different numeric user codes in 4, 5 or 6 digits
- Settings remain in memory when batteries are removed
- Audible alarm sounds after 3 incorrect attempts
- Connections available for remote release switch and automatic lock activation when linked to Fire alarm system
- Can be used as STOREROOM or CLASSROOM function
- Factory default set as STOREROOM function
- Fast and easy programming via master code
- Comes standard with 2 levers (for LH or RH handing)

CR4000 TRILOGY® KEYLESS EXIT TRIM

Features

- Clutch mechanism insures long life and durability
- Fingertip and / or Windows programmable
- 2000 User Codes: Master, manager, supervisor and users
- Real Time Clock for up to 40,000 Event Time / Date-Stamped Audit Trail
- Up to 500 Lock / Unlock Schedules (with Time Zone Support)
- Rugged 12-Button Metal Keypad
- Adaptable to most major manufacturers of standard RIM and IC RIM Cylinders
- Battery operated; uses 5 AA batteries
- Optional Interchangeable Core available with Best, Falcon & Arrow
- Non-Handed; Fully Reversible
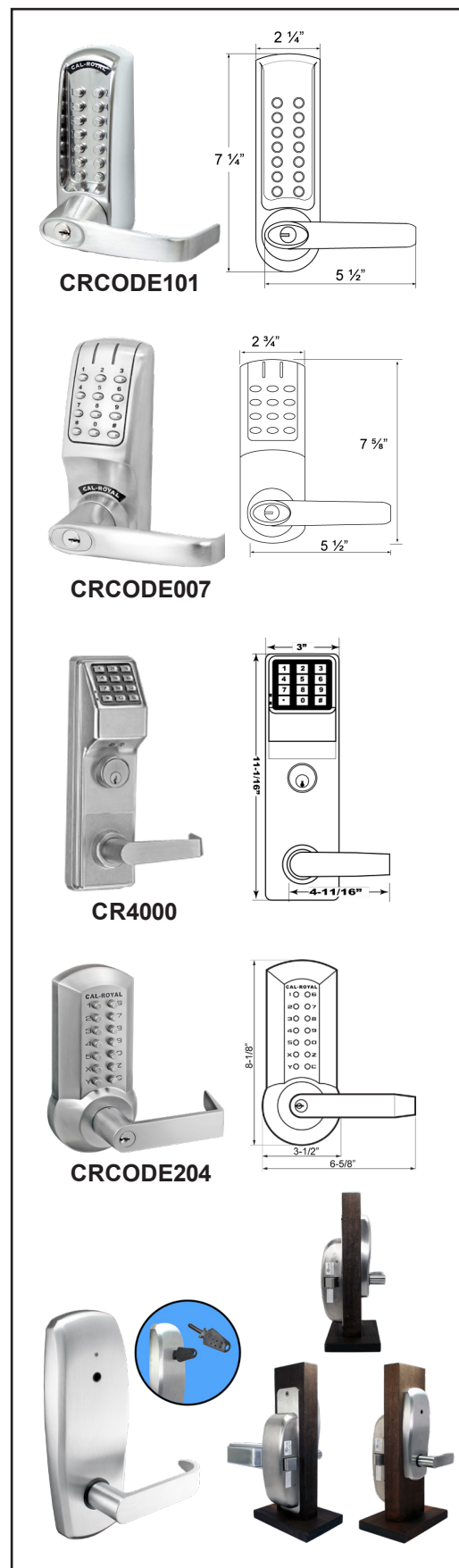
MECHANICAL CRCODE204

Features

- Breakaway Lever Design
- Easy On-Door Code Change
- Weather Resistant
- Code-Free Option (Passage)
- 1 - 12 digit Length Code
- Thousands of Possible Code Combinations
- Single Code User
- Applications: Offices, Schools, Hospitals, Apartments, Hotels / Motels, Residential, Commerical and Public Buildings
- Door Thickness: 1 ¾" - 2"
- Non-Handed, Fully Reversible

KABA® - Cal-Royal Combination

Cal-Royal's Exit hardware devices combined with **Kaba InSync CP** provide a variety of alternatives when addressing community access control. Recommended for applications such as controlling building entry openings, common area rooms and doors with exit devices. **InSync CP** are available as stand-alone battery operated door locks designed to work in conjunction with *Cal-Royal's Exit Hardware Devices.*
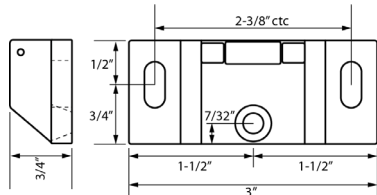

CRCODE101

CRCODE007

CR4000

CRCODE204

> **KABA InSync CP is not sold through CAL-ROYAL.** For inquiries and information on InSync line of products please visit *www.kabamultihousing.com*

Cal-Royal Products, Inc. reserves the right to, and may, on occassions, make changes and/or improvements in design, dimensions and technical specifications without prior notice.

Strikes & Accessories

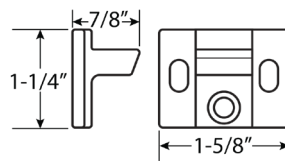**CAL-ROYAL** PRODUCTS, INC. USA

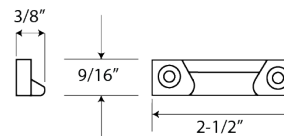## Strikes for 98-3PT & F98-3PT, Fire and Non-Fire Exit Devices

610
Roller Rim Strike,
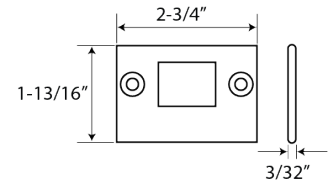surface applied.
Standard Packaging.

620
Top Strike.
Standard packaging.

221
Handicap Bottom Strike.
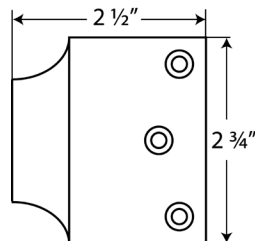Applied to surface of floor
or to a flat threshold.
Standard packaging.

233
Bottom strike.
Flush mounting stainless steel.
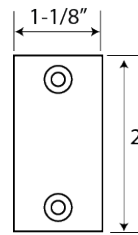Furnished with expansion shields.
Requires mortise in the floor.

Overlapping Strike

N251
Surface applied. Used on
inactive leaf for device on
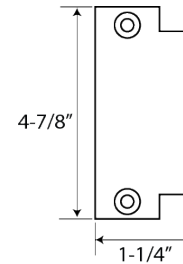active leaf of pair of doors
without mullion.

Additional Accessories

LFF
Lock front filler

SF
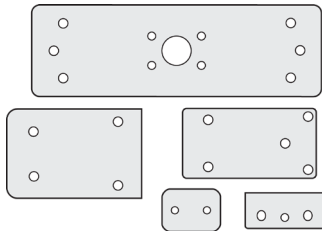Strike filler

EXTROD66-12
12" Extension Rod for
98-3PT & F98-3PT Type

EXTROD66-24
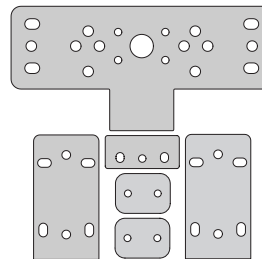24" Extension Rod for
98-3PT & F98-3PT Type

GLASS BEAD SHIM KITS
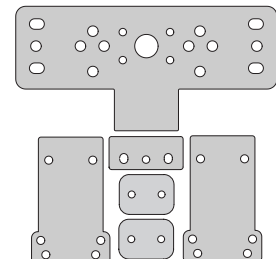
801 – For Rim type, ⅛" thick
806 – For SVR type, ⅛" thick
812 – For fire rated SVR type, ⅛" thick

806-3
for 98-3PT type,
⅛" thick

812-3
for F98-3PT type,
⅛" thick

CYLINDER DOGGING KITS

TO ORDER: Prefix "CD" before PART #.
Available for all 9800 Series Non-Fire Rated except Surface 3-PT Type
Exit Devices. Cylinder dogging with mortise cylinder is located on the
mounting insert lock bolt in retracted position.

KIT ONLY: Use PART # 36CD9800 for 36" and
48CD9800 for 48" devices. Specify finish.

NOTE: Use PART # 48CD9800 for 36" GLS Narrow Stile
Rim Type Non-Fire Exit Devices

CYLINDER DOGGING KIT

(IC) INTERCHANGEABLE CORE: Interchangeable Core locks will accept
compatible 6 or 7-Pin cores with BEST, FALCON and ARROW

(ICSC) INTERCHANGEABLE CORE: Indicates function available with
Schlage Full Size Format Interchangeable Core. Corbin, Sargent and
Yale format also available.