CAL-ROYAL
P R O D U C T S, I N C. U.S.A.

CRP SECURITIES USA

HIL SERIES
ANSI GRADE 2
INTERCONNECTED LEVERSET
Available with Interchangeable Core

HIL SERIES
INTERCONNECTED LOCKS
4" CTC BORE
ANSI A156.12 GRADE 2

c UL us
3 HOUR FIRE RATED
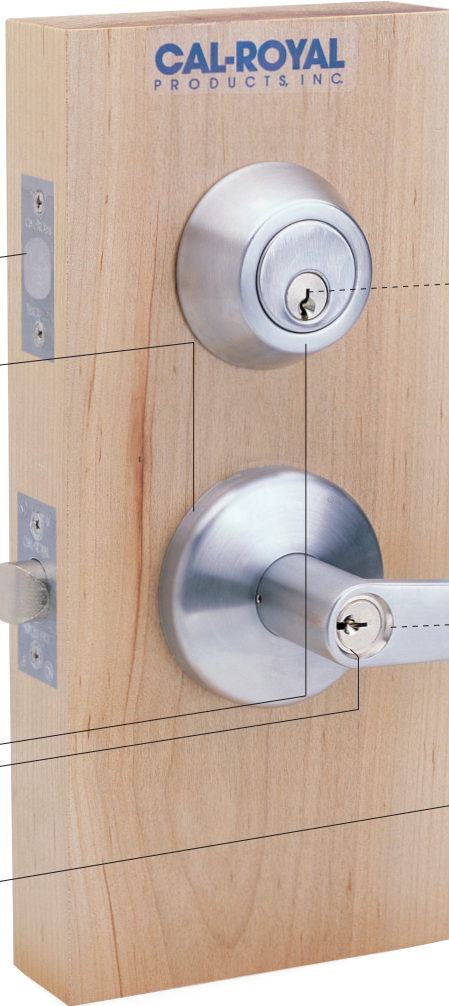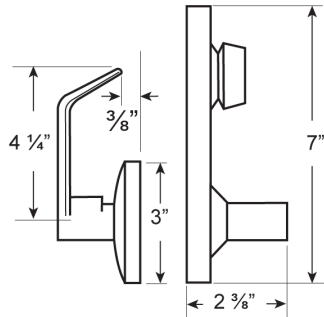UL10C, UBC7-2-1997

LIFETIME WARRANTY

MEETS
The Buy American Act

Meets ADA requirements
Specially designed for Barrier Free Application
Conforms with ANSI A156.12 Series 5000,
Grade 2 Requirements, Exceeds 400,000 cycles

1" (25mm) Throw deadbolt with concealed hardened steel roller

Unique individual spring on exterior and interior side of lever to prevent lever sag

½" (13mm) Throw universal deadlatch reversible RH / LH, adjustable front for flat or beveled doors. UL Listed 3 Hour Rated

Precision solid brass 6-pin "C" keyway.

Available with Small Format Interchangeable Core on deadbolt and lever

Key removable diecast lever for quick re-keying or cylinder replacement

4 ¼"   ⅜"   7"   3"   2 ⅜"

CAL-ROYAL
PRODUCTS, INC.

4" CTC

INTERIOR

**OPTIONAL EXTERIOR
ESCUTCHEON PLATE
PART# HILESC-1**

**ASTOR
HILAST DESIGN**

4 ¼"   3"

Available with Interchangeable Core on deadbolt and lever.

**DOVER
HILRL DESIGN**

4 ¼"   ⅜"   3"

Available with Interchangeable Core on deadbolt and lever.

**MANHATTAN
HILMAN DESIGN**

4 ¼"   3"

Available with Interchangeable Core on deadbolt and lever.

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(800) 876-9258 | www.cal-royal.com | OCT 2022

HIL SERIES FINISHES, FUNCTIONS AND SPECIFICATIONS

CAL-ROYAL
PRODUCTS, INC.
USA

FINISHES AVAILABLE

BHMA SYMBOL	US CODE	DESCRIPTION
605	US3	Polished Brass
606	US4	Satin Brass
609	US5	Antique Brass
612	US10	Satin Bronze
613	US10B	Oil Rubbed Bronze
613E	US10BE	Dark Satin Bronze, Equivalent
619	US15	Satin Nickel
625	US26	Polished Chrome
626	US26D	Satin Chrome

Refer to price list for stock finishes and functions

DOOR PREPARATION

2-1/8" DIA.

4" CTC

or 1-1/2" DIA.

2-1/8" DIA.

Must Have Notches on All Types of Doors

LIFETIME WARRANTY

c(UL)us
®
3 HOUR FIRE RATED
UL10C, UBC7-2-1997
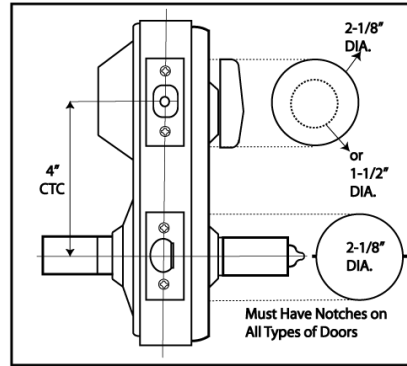
SPECIFICATIONS

GENERAL SPECIFICATIONS: Simultaneous retraction on both latch and deadbolts from inside by turning the lever in a panic-proof exit situation. Top lock is heavy duty deadbolt with the bottom lock having a cylindrical body. High security with a double locking point using the keyed lock function.

ANSI STANDARDS: Meets ANSI A156.12 Series 5000 Grade 2 Requirements.

CYLINDER & KEYWAY: 6 pin solid brass "C" keyway, 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.

SMALL FORMAT INTERCHANGEABLE CORE: Interchangeable Core Locks will accept compatible 6 or 7 pin cores with **BEST, FALCON & ARROW**. Prefix "**IC**" before part number. Available combinated or uncombinated. Temporary construction cores and factory keying with control key & master key available.

TRIM: HIL, ASTOR, DOVER and MANHATTAN designs. Refer to picture in front page. Lever length is 4 ¼".

STRIKES: Standard "T" strike furnished with lockset. 2 ¾" x 1 ⅛" square strike with deadbolt.

ESCUTCHEON: 2 ¹¹/₁₆" x 7" brass plated. Packed with interior escutcheon. Optional external escutcheon available.

FUNCTIONS: Classroom, Storeroom and Dummy available upon request.

DEADBOLT: 1" Throw. **UL-Listed** Adjustable 2 ¾" or 2 ⅜" Brass with hardened steel pin. Standard 2 ¼" x 1 ⅛" faceplate.
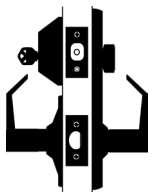
LATCH BOLT: ½" Throw. **UL-Listed** for 3 hour doors. 2 ¾" standard backset.

LATCH FACEPLATE: Standard 2 ¼" x 1 ⅛" for 2 ¾" backset. 2 ¼" x 1 " for 2 ⅜" backset optional.

DOOR RANGE: 1 ⅜" – 1 ¾" door thickness.

HOUSING: Steel and Zinc dichromate finish for rust resistance.

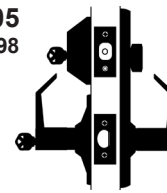### HIL30 / ICHIL30
ANSI: F95

SINGLE LOCKING, ENTRANCE (PASSAGE LEVER)
Deadbolt thrown or retracted by key in upper lock from outside or by inside turn unit. Latch bolt retracted by lever from either side. Lever retracts deadbolt and latch bolt simultaneously for immediate exit.
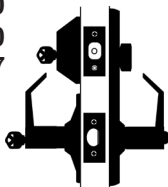
HIL00 / ICHIL00
ANSI: F97

DOUBLE LOCKING, ENTRANCE (ENTRANCE LEVER)
Deadbolt thrown or retracted by key in upper lock from outside or by inside turn unit. Dead latch retracted by key in outer when locked by pushing turn button in inner lever. Outer lever may be fixed in locked position by rotating turn button. Turning inside lever retracts deadbolt and latch bolt simultaneously for immediate exit.

HIL05
ANSI: F98

DOUBLE LOCKING, STOREROOM
Deadbolt thrown or retracted by key in upper lock from outside or by inside turn unit. Deadlocking latch bolt is operated by key in outside lever or by turning inside lever. Inside lever retracts deadbolt and latch bolt simultaneously for immediate exit. Outside lever is always fixed.

OTHER FUNCTIONS NOT LISTED ARE AVAILABLE UPON REQUEST

Indicates **deadbolts** that are available with a Small Format Interchangeable Core. Interchangeable Core deadbolts will accept compatible 6 or 7 pin Core with Best, Falcon and Arrow. Prefix "**IC**" before part number.

Available with Small Format Interchangeable Core on **deadbolt and lever**.

HOW TO ORDER:
When ordering HIL AST design, replace design name.
Example:
HIL00 in AST is HILAST00

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