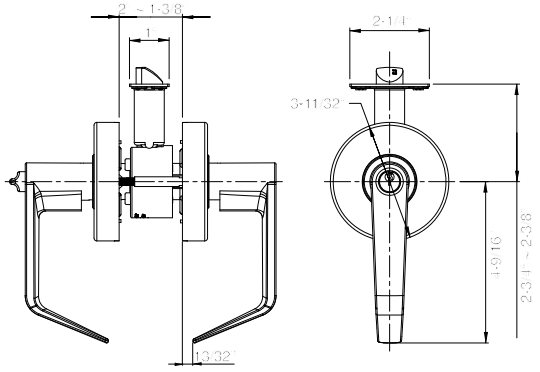
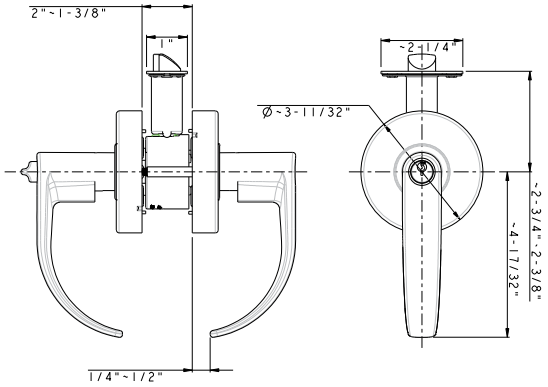
E Series
CYLINDRICAL LEVERSET (CLUTCH)

BHMA CERTIFIED





500EV-CT
Charlotte (CT) Lever

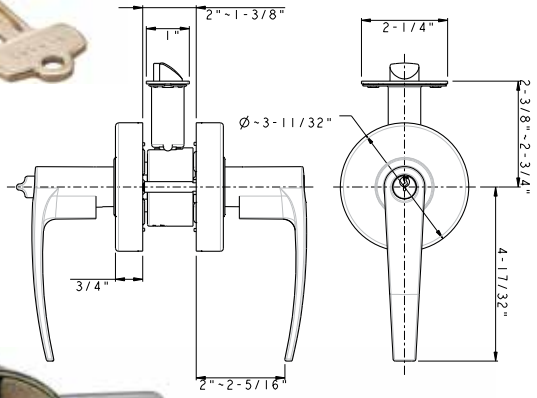




500EC-CT
Charlotte (CT) Lever



500EV-SD
San Diego (SD) Lever





500EV-MD
Madison (MD) Lever

Features

SC4 6-pin Standard
Independent Torsion Spring
Fast and Easy Installation
Clutch Function Standard
Removable Through Bolt, 2-3/4” CTC
Panic Proof (inside always free)
Concealed Mounting Screws

EV Series: *Lock with standard cylinder or no cylinder*
EC Series: *Lock with interchangeable core design*

ADVANTAGE®
by PHILADELPHIA HARDWARE GROUP

LIFETIME Warranty

ANSI GRADE 2
ANSI/BHMA A156.2-2011
Series 4000, Grade 2
Exceeds 400,000 Cycles

LISTED
3 Hours Fire Rating
UL10C/
UBC 7-2(1997)
Positive Pressure
Rated

ADA Compliant
ANSI A117.1
Barrier Free
Accessibility

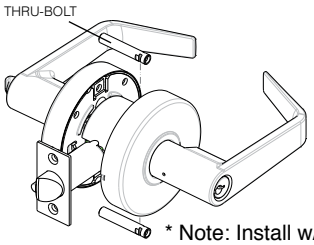
HURRICANE APPROVED HARDWARE
MIAMI-DADE COUNTY APPROVED
NOA No. 15-0629.03 +/- 90 PSF
Florida Building Code: 20485

CALIFORNIA STATE REFERENCE CODE
Formerly Title 19, California State Fire Marshal (CSFM)
levers return to within 1/2" of door face
(CT & SD Lever Only)

Specifications

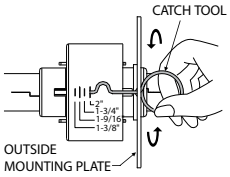
Door Fitting	1-3/8" ~ 2" door standard. Factory preset at 1-3/4". Thru-Bolt CTC: 2-3/4".
Exposed Trim	Wrought brass. Pressure cast zinc lever.
Lock Chassis	Heavy gauge dichromated steel. Featuring a solid zinc rosette, both interior and exterior for extra security.
Cylinder	Solid brass SC4 6-pins standard. KW1 5-pins optional.
Latch LISTED	1/2" throw stainless steel latch bolt. Square corner faceplate standard, round corner available. 2-3/4" backset: 1-1/8" x 2-1/4" faceplate. Optional for 1" width. 2-3/8" backset: 1" x 2-1/4" faceplate. Foating latch design fits both flat or beveled doors 1/8" in 2" Backset: 2-3/4" stanard, optional for 2-3/8", 3-3/4" & 5".
Strike	ASA Strike standard (9109).
Handing	Universal, non-handing.
Screws	Combination screws for both metal and wood doors.
Keys	2 brass keys per set. Key as requested (KA, KD, MCK, MK, GMK).
IC Core	EC series, e.g. 500EC for Entrance. SFIC compatible with BEST profile 6-pins and 7-pins.

Removable Through Bolt

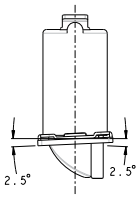


* Note: Install w/o thru-bolts void ANSI Grade 2, and warranty.

Adjustable Door Fitting

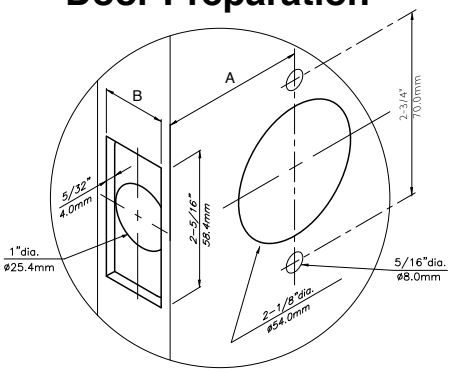


Floating Latch Design



Adjustable for flat or beveled doors 1/8" in 2"

Door Preparation



Backset	2-3/4"	2-3/8"
A	2-3/4"	2-3/8"
B	1-3/16"	1-1/16"

Latch & Parts



E9060T
Dead Latch for 2-3/8" backset
E9070T
Dead Latch for 2-3/4" backset

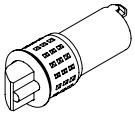
521EV/EC Corridor Function Only
E9069T
Kick-off Dead Latch for 2-3/8" backset
E9079T
Kick-off Dead Latch for 2-3/4" backset



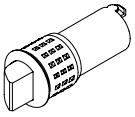
E9063T (kick-off)
Spring Latch for 2-3/8" backset
E9073T (kick-off)
Spring Latch for 2-3/4" backset



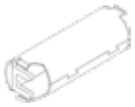
1180
Faceplate Adapter
Use on 1" width for
1-1/8" width requirement



E9060C
Drive-in Dead. Latch for 2-3/8" backset
E9070C
Drive-in Dead. Latch for 2-3/4" backset



E9063C (kick-off)
Drive-in Spring. Latch for 2-3/8" backset
E9073C (kick-off)
Drive-in Spring. Latch for 2-3/4" backset



2214
5" backset
extension tube
(use with 2-3/4" backset latch)
2138
3-3/4" backset
extension tube
(use with 2-3/8" backset latch)

Strike



9109 ASA Strike
1-1/4" x 4-7/8",
5/8" lip

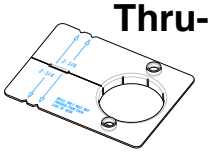


9106 T-Strike
1-1/8" x 2-3/4"

ES-50
Electric Strike



Thru-Bolt Jig (Metal)



9234
2-3/8" or 2-3/4" backset
Vertical CTC 2-3/4"

ADVANTAGE®
by PHILADELPHIA HARDWARE GROUP

Functions

LEVER, KNOB AND DEADBOLT



500/100 ENTRANCE (ANSI F109)
Pushing turn-button in inside lever locks outside lever. Turning inside lever or operating key in outside lever release button automatically. Closing door does not release button. Button is fixed in locked position by turning to horizontal position.



501/101 PASSAGE (ANSI F75)
Latch Bolt operated by lever or knob from either side at all times.



502/102 PRIVACY (ANSI F76)
Latch bolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, rotating inside lever, or closing door.



504/104 STOREROOM (ANSI F86)
Deadlocking latch bolt operated by key in outside lever or rotating inside lever. Outside lever is always locked.



506/106 PATIO (ANSI F77)
Operated by either side lever unless outside locked by push button inside. Unlocks by turning inside lever or closing door.



507/107 COMMUNICATING PASSAGE (ANSI F111)
Blank plate outside. Inside lever always unlocked.



508/108 STORE DOOR (ANSI F91)
Deadlocking latch operated by either lever. Key either locks or unlocks both levers.



509/109 CLASSROOM (ANSI F84)
Deadlocking latch bolt operated by key in outside lever or rotating inside lever. Outside lever locked or unlocked by key. Inside lever is always unlocked.



511/111 COMMUNICATING KEYED (ANSI F113)
Locked or unlocked by key from inside, blank trim outside. Dead locking latch bolt.



512 COMMUNICATING (ANSI F80)
Key locks or unlocks either lever independently of the other.



514/114 INSTITUTION (ANSI F87)
Both inside and outside lever always locked. Dead locking latch bolt operated by key on either side.



515/115 SINGLE DUMMY
Decorative trim that is non-functional.



517/117 ENTRANCE/OFFICE (ANSI F82)
Pushing button in inside lever locks outside lever. Turning inside lever or operating key in outside lever release button automatically. Closing door does not release button.



519 INTRUDER CLASSROOM (ANSI F110)
Both sides lock or unlock outside lever with key. Inside lever always unlocked.



521 CORRIDOR (ANSI F90)
Operated by either side lever unless outside locked by key or inside push button. Unlocked by key, turning inside lever, or closing door.



525 DOUBLE DUMMY
Decorative trim for both side of the door.



200 SINGLE CYLINDER (ANSI E0151, E0152)
Dead bolt operated by key from outside and by turn from inside.



205 ONE-SIDED HALF BORE (ANSI E0191, E0192)
Dead bolt operated by turn from inside. No trim on other side.



206 ONE-SIDED FULL BORE (ANSI E01111, E01112)
Dead bolt operated by key from one side. Mounting plate on other side.



210 DOUBLE CYLINDER (ANSI E0141, E0142)
Dead bolt operated by key from either side.



230 CLASSROOM DEADBOLT (ANSI E0171, E0172)
Deadbolt operated by key from outside. Turn knob retracts deadbolt but does not project it.

FUNCTIONS	ANSI	LEVER CODE	FC	FK	EV	HV	RH	IL	KNOB CODE	EA	EI	
Entrance	F109	500	●	●	●	●	●F82		100	●	●	
Passage	F75	501	●		●	●	●		101	●		
Privacy	F76	502	●		●	●	●		102	●		
Storeroom	F86	504	●	●	●	●	●		104	●	○	
Patio	F77	506	○						106	○		
Communicating Passage	F111	507	●		●	●	●		107	○		
Double Cylinder (Store Door)	F91	508	○	○	●	○	○		108	●		
Classroom	F84	509	●	●	●	●	●		109	○	○	
Communicating Keyed	F113	511	○	○	○	○	○		111	○	○	
Communicating	F80	512	○	○	○	○						
Institution (Double Storeroom)	F87	514	○	○	●	○			114	○		
Single Dummy		515	●		●	●	●		115	●		
Entrance/Office	F82	517	○	○	●	●			117	○	○	
Intruder Classroom	F110	519	●	●	●	○						
Corridor	F90	521	●	●	●	○						
Double Dummy (BTB Dummy)		525			●	●			125	○		
Entrance - Double Locking	F97	300						●				
Entrance - Single Locking	F95	301						● ●				
Storeroom - Double Locking	F98	304						○				

FUNCTIONS (Grade 1)	ANSI	CODE	LM	LM-IC	FUNCTIONS (Grade 2)	ANSI	CODE	LU	LU-IC
Single Cylinder Deadbolt	E0151	200	●	●	Single Cylinder Deadbolt	E0152	200	●	●
Double Cylinder Deadbolt	E0141	210	●	●	Double Cylinder Deadbolt	E0142	210	●	○
Classroom Deadbolt	E0171	230	●	●	Indictator Deadbolt		220	●	
One Way Deadbolt	E0161	240	○	○	Classroom Deadbolt	E0172	230	●	●
One Sided - Half Bore	E0191	205	○	○	One Way Deadbolt	E0162	240	●	
					One Sided - Half Bore	E0192	205	○	
					One Sided - Full Bore	E01112	206	●	

● Products available in stock. Please see order information for details. ○ Products available upon request. Please allow longer lead-time.

Order Information

SERIES	ITEM	IC CORE MODEL	FUNCTION	FINISH BHMA	US3 (605)	US26 (625)	US26D (626)	US10B (613)	US32D (630)
Grade 1 FC	500FC	500FK	Entrance				●	●	
	501FC		Passage				●	●	
Charlotte (CT)	502FC		Privacy				●	●	
San Diego (SD)	504FC	504FK	Storeroom				●	●	
Madison (MD)	507FC		Communicating Passage				●	●	
	509FC	509FK	Classroom				●	●	
	515FC		Dummy				●	●	
	519FC	519FK	Intruder Classroom				●	●	
	521FC	521FK	Corridor				●	●	
Grade 2 EV	500EV	500EC	Entrance		●	●	●	●	
	501EV		Passage		●	●	●	●	
Charlotte (CT)	502EV		Privacy		●	●	●	●	
San Diego (SD)	504EV	504EC	Storeroom		●	●	●	●	
Madison (MD)	507EV		Communicating Passage				●	●	
	508EV		Store Door				●	●	
*US3, US26 is available in CT lever only	509EV	509EC	Classroom		●	●	●	●	
	514EV		Institution				●	●	
	515EV		Dummy		●	●	●	●	
	517EV		Office				●	●	
	521EV	521EC	Corridor				●	●	
	525EV		Double Dummy				●	●	
Grade 2 HV	500HV	500HC	Entrance				●	●	
	501HV		Passage				●	●	
Charlotte (CT)	502HV		Privacy				●	●	
San Diego (SD)	504HV	504HC	Storeroom				●	●	
Madison (MD)	507HV		Communicating Passage				●	●	
	509HV	509HC	Classroom				●	●	
	515HV		Dummy				●	●	
	517HV	517HC	Office				●	●	
	525HV		Double Dummy				●	●	
Grade 2 RH	500RH		Entrance				●	●	
	501RH		Passage				●	●	
Charlotte (CT)	502RH		Privacy				●	●	
San Diego (SD)	504RH		Storeroom				●	●	
	509RH		Classroom				●	●	
	515RH		Dummy				●	●	
Grade 2 EA	100EA		Entrance		●			●	●
		100EI	Entrance IC					●	●
Bala (BA)	101EA		Passage		●			●	●
	102EA		Privacy		●			●	●
	104EA		Storeroom		●			●	●
		104EI	Storeroom IC					●	●
	108EA		Store Door		●			●	●
	115EA		Dummy		●			●	●
Grade 2 IL	300IL		Double Locking				●	●	
	301IL	301IL-IC	Single Locking		●		●	●	
	321IL		Indicator Passage				●	●	
	320IL		Indicator Entrance				●	●	
Grade 1 Commercial Deadbolt	200LM	200LM-IC	Single Cylinder				●	●	
	210LM	210LM-IC	Double Cylinder				●	●	
	230LM	230LM-IC	Classroom				●	●	
Grade 2 Commercial Deadbolt	200LU		Single Cylinder		●	●	●	●	●
		200LU-IC	Single Cylinder-IC				●	●	●
	206LU		One-Sided (Full Bore)				●	●	●
	210LU		Double Cylinder		●	●	●	●	●
	220LU		Indicator				●	●	●
	230LU		Classroom		●	●	●	●	●
		230LU-IC	Classroom-IC				●	●	●
	240LU						●	●	●

● Product finishes available in stock. (Other finishes available upon request. Please allow longer lead time.)