

# 1006

## Electric Strike

### Installation Instructions



**ASSA ABLOY**

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### Product Components

- A** 1006 Electric Strike Body
- B** Trim Enhancer with Screws  
#6-32 x 1/4" (2)
- C** 12 & 24 Volt Plug In Connectors
- D** Keeper Shims with Screws  
#4-40 x 1/4" (2)

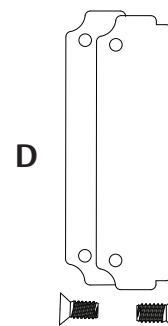
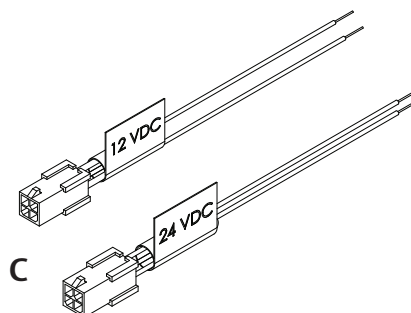
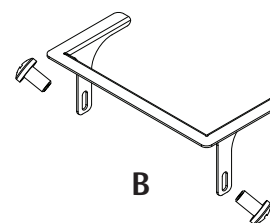
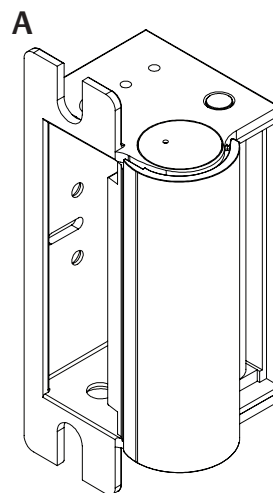
### Electrical Specifications

Electrical Ratings for Solenoid	Continuous Duty	
Voltage	12 VDC	24 VDC
Resistance in Ohms	25	100
Amps Continuous Duty	.48	.24


*Solenoids are rated at +/- 10% indicated value.*

Minimum Wire Gauge Requirements	Continuous Duty	
Voltage	12 VDC	24 VDC
200 feet or less	18 gauge	18 gauge
200–300 feet	16 gauge	18 gauge
300–400 feet	14 gauge	16 gauge

*Lengths based on round trip.*



# Installation



**WARNING:** Before connecting any device at the installation site, verify input voltage using a multimeter. Many power supplies and low voltage transformers operate at higher levels than listed. Any input voltage exceeding 10% of the solenoid rating may cause severe damage to the unit. Installation wiring for the product and wiring methods shall be in accordance with the National Electrical Code, ANSI/NFPA 70.

## Preparing the Strike

For 12 VDC, the plug in connector (pigtail) marked “12 VDC” should be used; for 24 VDC, the pigtail marked “24 VDC” should be used.

- 1 SELECT the appropriate plug in connector that matches system power and electrically CONNECT as shown in **Diagram 1**.

**NOTE:** BLACK wire of pigtail is NEGATIVE (-).

- 2 IF no connector is present, then CONFIGURE the wires as shown in **Diagram 2**.
- 3 IF using a Latchbolt Monitor (LBM) or Latchbolt Strike Monitor (LBSM), then REFER to **Table 1** to complete wiring.

## Wiring (Monitored Version)

Table 1: Wiring	
Latchbolt Monitor (LBM)	
White	Common
Orange	Normally Open
Green	Normally Closed
Latchbolt Strike Monitor (LBSM)	
Brown	Common
Blue	Normally Open
Yellow	Normally Closed
Contact Ratings	
500mA @ 30VDC	

**NOTE:** The state of the switch is listed for when the strike keeper is closed and LBM is in unactuated (door open) position.

## Preparing the Frame

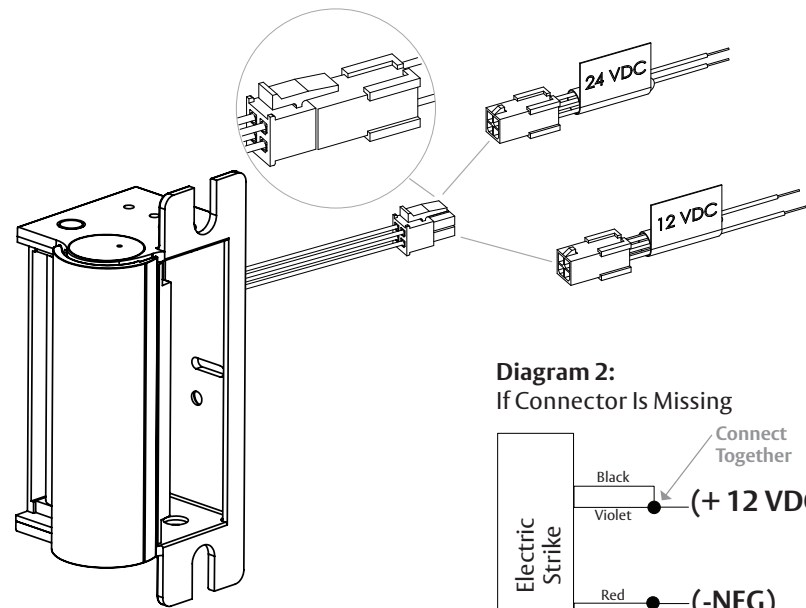
Refer to the cutout templates (page 5) and faceplate options (page 6).

- 1 PREPARE the frame using appropriate lockset template and faceplate combination.

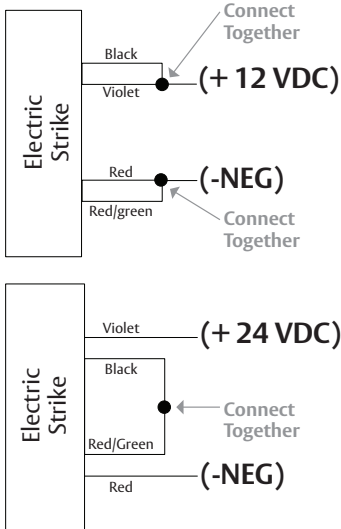
## Finishing the Installation

- 1 ATTACH the electric strike to the jamb using the screws provided with the faceplate option kit.

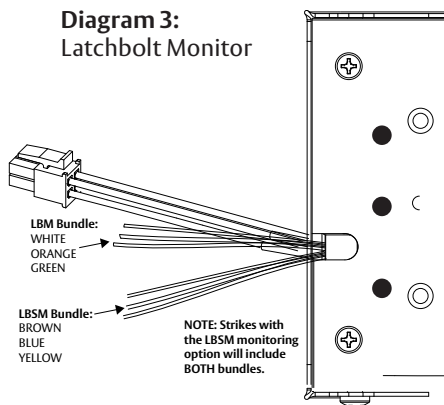
**Diagram 1:**  
12 VDC to 24 VDC Conversion



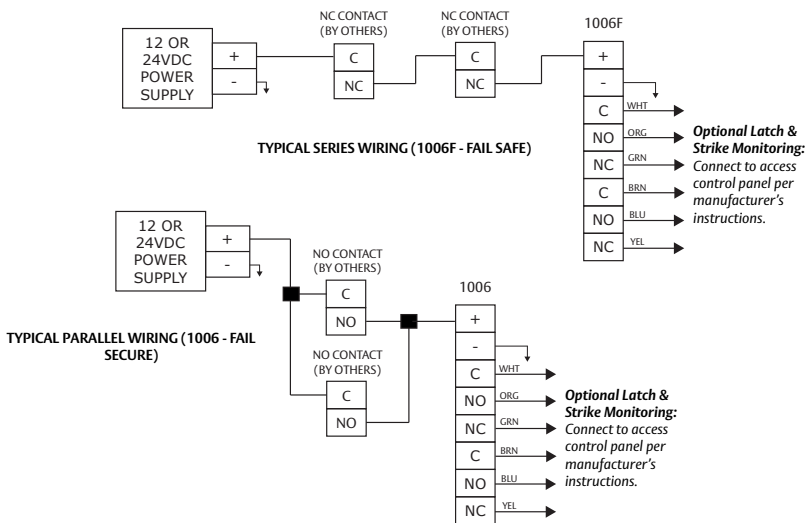
**Diagram 2:**  
If Connector Is Missing



**Diagram 3:**  
Latchbolt Monitor



**Diagram 4:**  
Wiring Diagrams



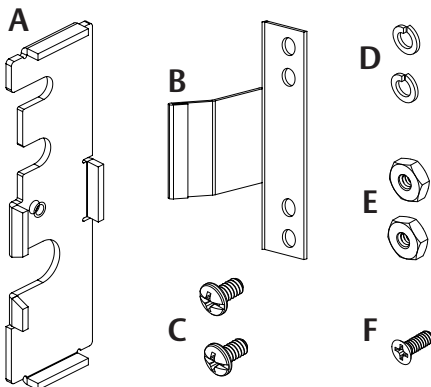
# Deadbolt Options

## Option E Product Components

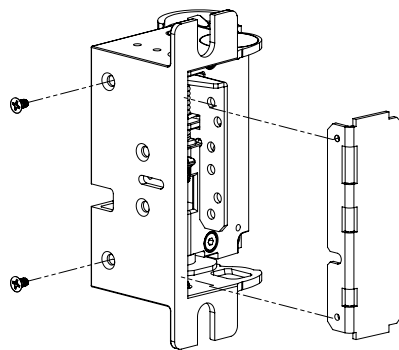
- A Low Profile Floor
- B Deadbolt Catcher
- C 6-32 x 1/4" Screws (2)
- D #6 Lock Washers (2)
- E 6-32 Nuts (2)
- F 4-40 x 5/16" Screw

## Installation Instructions

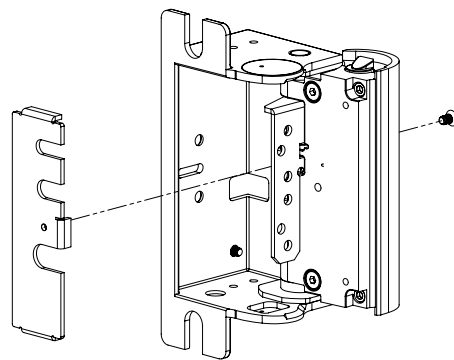
- 1 REMOVE the 4-40 x 3/16" screws and standard floor from the electric strike as shown in **Diagram 5A**.
- 2 INSTALL the Low Profile Floor using the 4-40 x 5/16" screw provided with the Faceplate Option Kit as shown in **Diagram 5B**.
- 3 ATTACH the Deadbolt Catcher to the mounting plate using the 6-32 x 1/4" screws, #6 Lock Washers and the 6-32 nuts as shown in **Diagram 5C**.



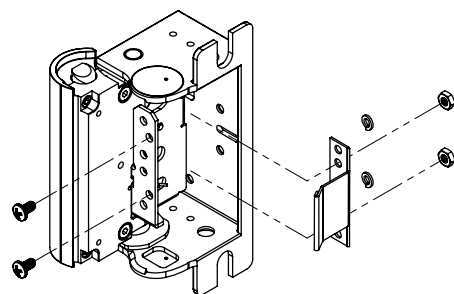
**Diagram 5A:** Remove Screws



**Diagram 5B:** Install Low Profile Floor



**Diagram 5C:** Attach Deadbolt Catcher

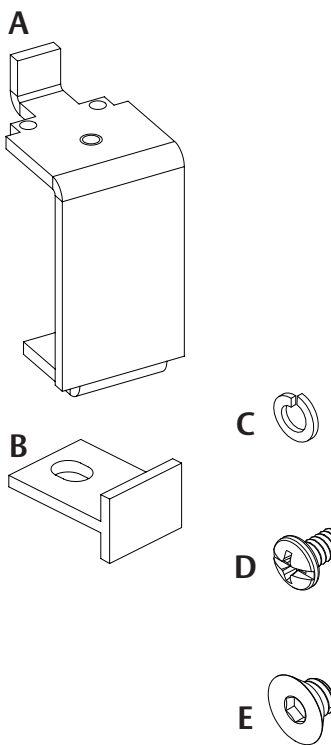


## Complete Pac Option H, HD, HM & H2 Product Components

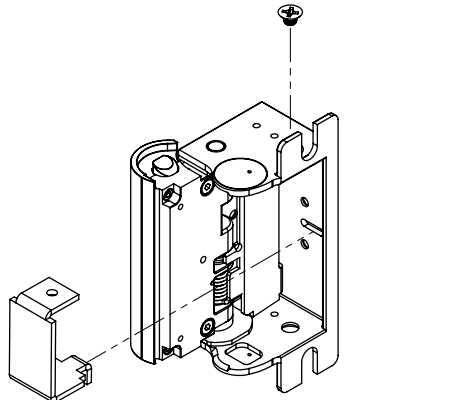
- A Deadbolt Bracket
- B Deadlatch Bracket (HT & HTD only)
- C #6 Lock Washer (HT & HTD only)
- D 6-32 x 1/4" screw (HT & HTD only)
- E 10-32 x 1/8" screw

## Installation Instructions

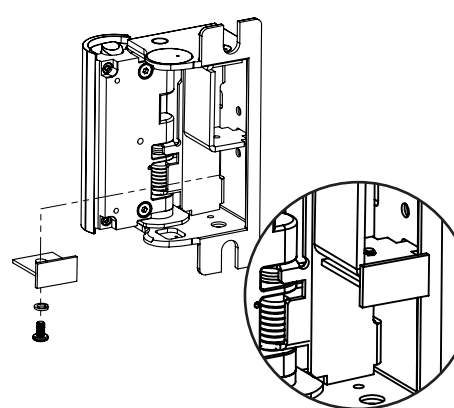
- 1 INSTALL the Deadbolt Bracket using the 10-32 x 1/8" screw as illustrated in **Diagram 6A**. If using an HT or HTD option, proceed to step 2.
- 2 INSTALL the Deadlatch Bracket using the 6-32 x 1/4" screw and #6 Lock Washer as shown in **Diagram 6B**.



**Diagram 6A:** Install Deadbolt Bracket



**Diagram 6B:** HT and HTD Deadbolt



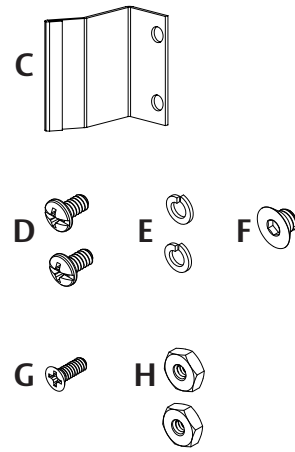
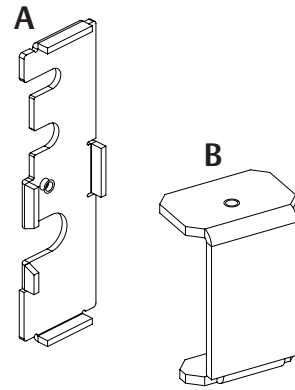
## Deadbolt Options (CONTINUED)

## Option R Product Components

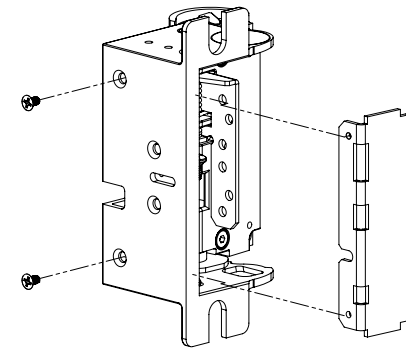
- A** Low Profile Floor
- B** Hookbolt Bracket
- C** Hookbolt Catcher
- D** 6-32 x 1/4" Screws (2)
- E** #6 Lock Washers (2)
- F** 10-32 x 1/8" Screw
- G** 4-40 x 5/16" Screw
- H** 6-32 Hex Nuts (2)

## Installation Instructions

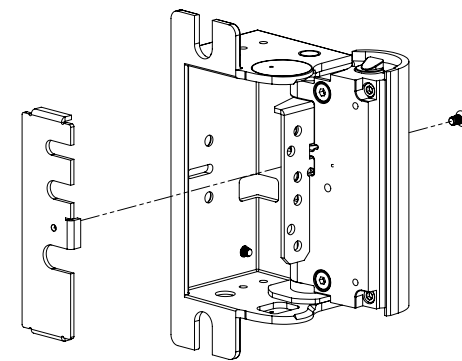
- 1** REMOVE the 4-40 x 3/16" screws and standard floor from the electric strike as illustrated above. See **Diagram 7A**.
- 2** INSTALL the Low Profile Floor using the 4-40 x 5/16" screw provide with the Faceplate Option Kit as illustrated above. See **Diagram 7B**.
- 3** ATTACH the Hookbolt Catcher to the mounting plate using the 6-32 x 1/4" screws, #6 Lock Washers and the 6-32 nuts as illustrated in **Diagram 7C**.
- 4** INSTALL the Hookbolt Bracket using the 10-32 x 1/8" screw as illustrated in **Diagram 7D**.



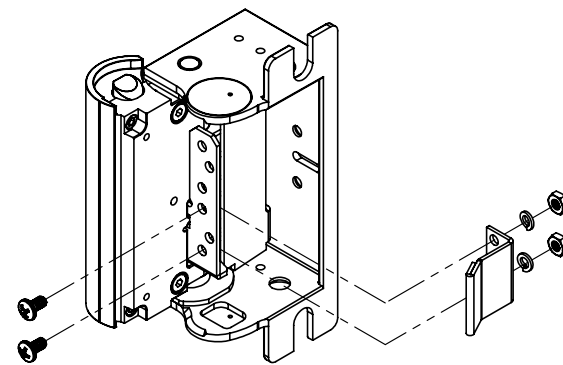
### Diagram 7A Remove Screws



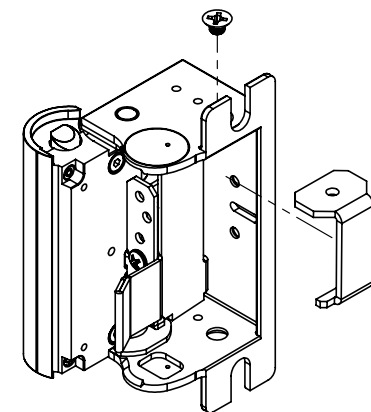
### Diagram 7B Install Low Profile Floor



### Diagram 7C Attach the Hookbolt Catcher



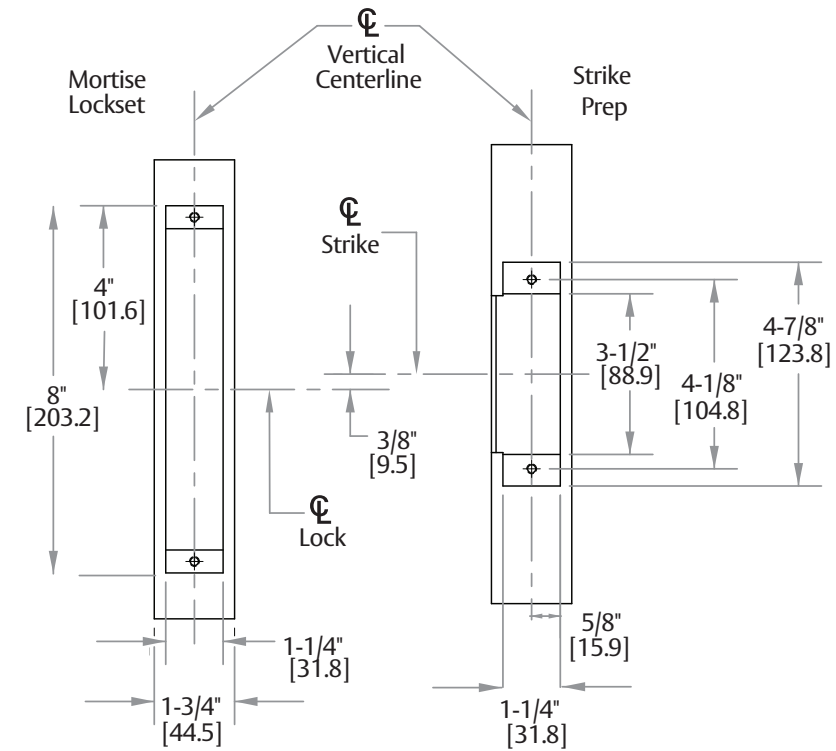
### Diagram 7D Install the Hookbolt Bracket



## Cutout Dimensions

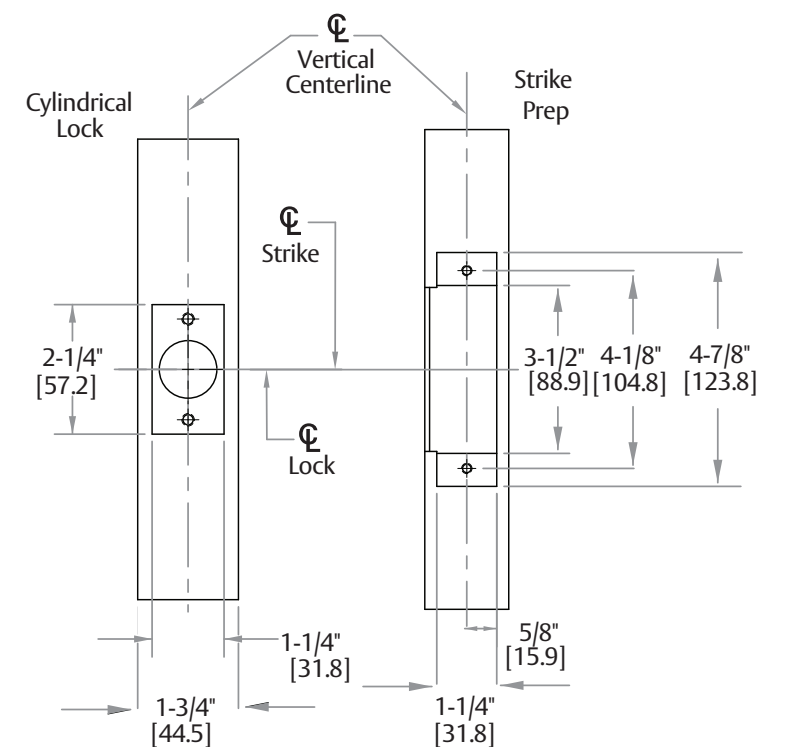
## Mortise Locksets

Please note the horizontal centerline of the electric strike in relation to the centerline of the mortise lockset.



## Cylindrical Locksets

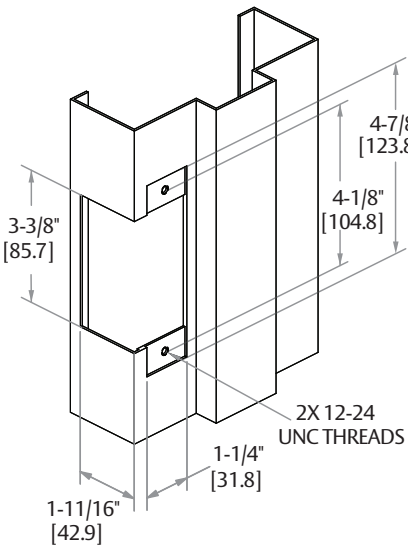
Please note the horizontal centerline of the electric strike in relation to the centerline of the cylindrical lockset.



Cutout Dimensions (CONTINUED)

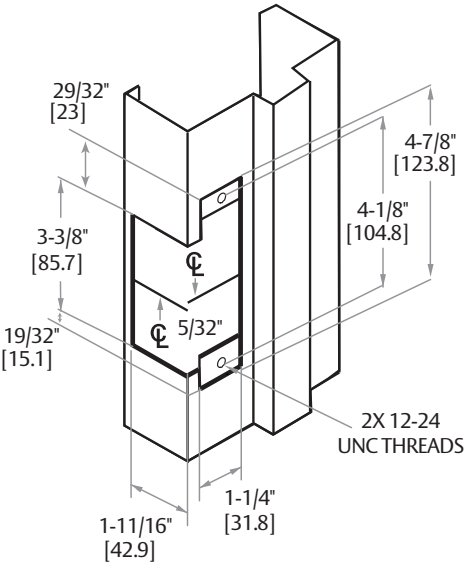
Metal Jamb  
Installation for  
1006LB Series  
Faceplates

Cutout dimensions for  
option faceplates:  
**J | K | KM | N | NM | H | Z | R | E**  
**NOTE:** Normally used with  
mortise locks WITHOUT deadbolt.  
NOT used with Schlage L9000 or  
ASSA ABLOY ACCENTRA™ 8700  
Series (formerly Yale Commercial).



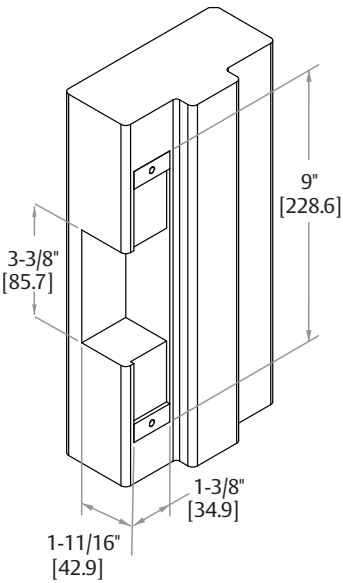
Metal Jamb  
Installation for  
1006DB Series  
Faceplates

Cutout dimensions for  
option faceplates:  
**KD | ND | HM | HTD | N | NM**  
**NOTE:** Normally used with mortise  
locks WITH deadbolt. ALSO used  
with Schlage L9000 or ASSA  
ABLOY ACCENTRA 8700 Series  
(formerly Yale Commercial).



Wood Jamb  
Installation for  
1006-2 Series  
Faceplates

Cutout dimensions for  
option faceplates:  
**J2 | K2 | KM2 | N2 | H2 | DB2**



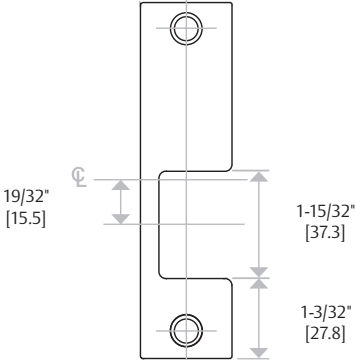
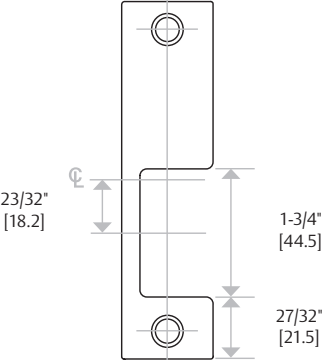
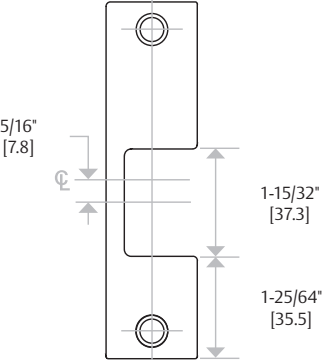
Faceplate Options

Inches [Millimeters]    4-7/8" x 1-1/4" Square Opening     $\text{CL}$  = center line of faceplate (2nd line = center line of faceplate opening)

H, HT, N	HD, ND	HM, NM
J, E	K	KD

# Faceplate Options (CONTINUED)

Inches [Millimeters]      4-7/8" x 1-1/4" Square Opening       $\text{CL}$  = center line of faceplate (2nd line = center line of faceplate opening)

KM	R	Z
		

**Warranty** For information on warranty coverage and replacement options, please visit [hesinnovations.com/warranty](https://www.hesinnovations.com/warranty)



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