

# INSTALLATION INSTRUCTIONS

## WARNING

The safety features of this product are essential to its compliance with EN 1125. No modification of any kind, other than those described in these instructions, is permitted.

Panic devices manufactured in accordance with EN1125 will provide a high degree of safety and reasonable security, provide they are fitted to doors and frames of equal quality and in good condition. The door must be correctly hung and free from binding.

## IMPORTANT

This equipment must be installed by a competent fitter. If these fixing instructions are not followed, then no responsibility for these fixing instructions must be passed to the user after installation has been completed.

## EN1125 CLASSIFICATION NUMBER FOR THIS DEVICE

3	7	6	B	1	4	2	2	A	A
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## DOOR SIZES

This product is suitable for doors up to 2500mm height and up to 1000mm width.  
(Doors above 2500mm is out of scope of EN1125)

## MAINTENANCE

It is recommended that the following routine maintenance checks be undertaken at intervals of not less than one month by the occupier or his approved representative:

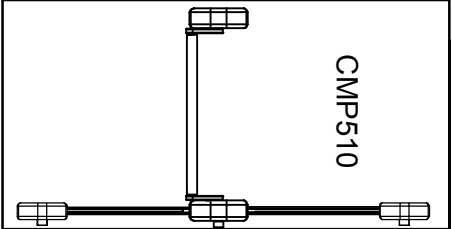
- a) Inspect and operate the panic device to ensure that all components are in a satisfactory working condition;
- b) Ensure that the keepers are free from obstruction.

## HANDING REVERAL

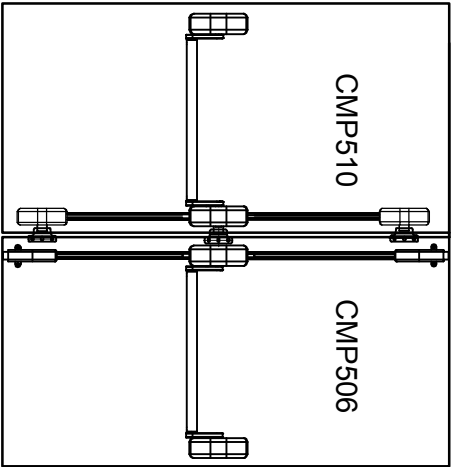
If the panic device is to be used with an outside access device, and they are package seperated and need to book seperated.

## DEVICE APPLICATION

SINGLE DOORS

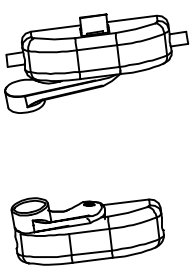
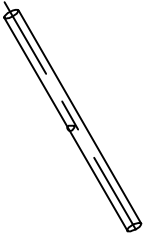

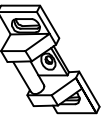
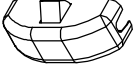
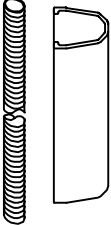




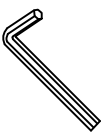


DOUBLE DOORS



1. PARTS CHECK

- 1) MAKE SURE THE CORRECT DEVICE IS BEING USED.
- 2) MAKE SURE ALL NEEDED PARTS ARE ON HAND.

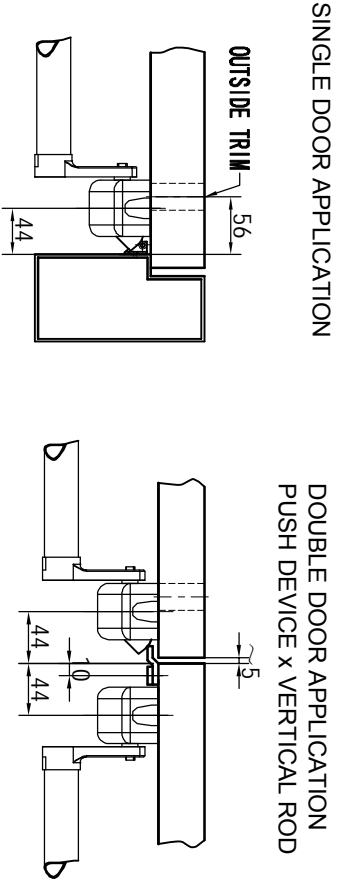
1) DEVICE		
2) PUSH BAR, 1 PCS		
3) STRIKE WITH SCREW	 	
4) UP AND DOWN LATCH, 2 PCS		
5) SCREW ROD 2 PCS; COVER 2 PCS	 	
6) SCREW PACK	   	

3) MAKE SURE OUTSIDE TRIM (IF BEING USED) HAS BEEN PROVIDED AND IS THE CORRECT HANDING.

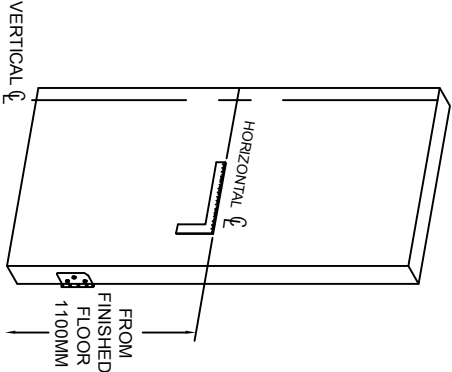
2. DOOR LAYOUT

- 1) DOOR MUST BE FITTED AND HUNG PROPERLY BEFORE PROCEEDING.
- 2) MARK VERTICAL  $\ell$  AND HORIZONTAL  $\ell$  ON DOOR AND FRAME.

A) VERTICAL  $\ell$ :



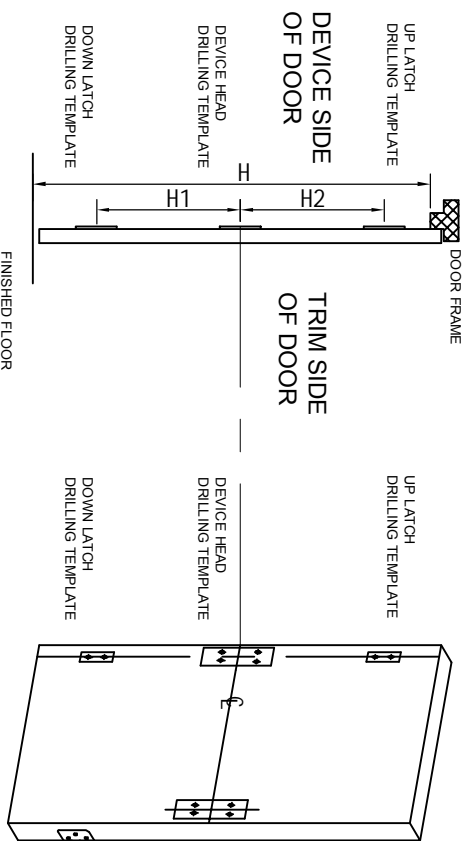
B) HORIZONTAL  $\ell$  :



### 3. DOOR & HARDWARE PREPARATION

- 1) TAPE DRILLING TEMPLATES ON DOOR USING VERTICAL AND HORIZONTAL MOUNTING DIMENTION FOR REFERENCE:

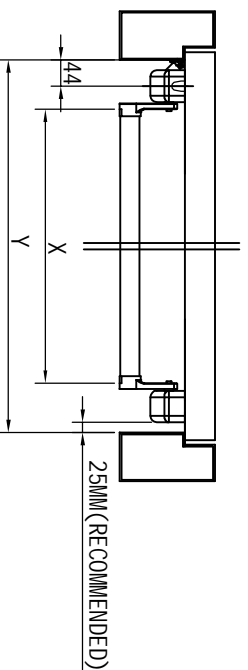
$$H1=H2=700$$



- 2) PREPARE HOLES FOR DEVICE, STRIKES AND LATCH.
- 3) IF USING OUTSIDE TRIM, PREPARE DOOR USING SEPARATE TRIM DIRECTION SHEET.

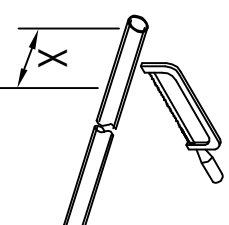
- 4) DETERMINE DEVICE LENGTH.

- A) THE DEVICE IS FIT FOR THE DOOR WIDTH FROM 400MM TO 1,000MM
- B) MEASURE THE DOOR CLEAR WIDTH OF "Y".
- C) LENGTH OF THE PUSH BAR TO BE CUTTED IS "X":  $X=Y-150$

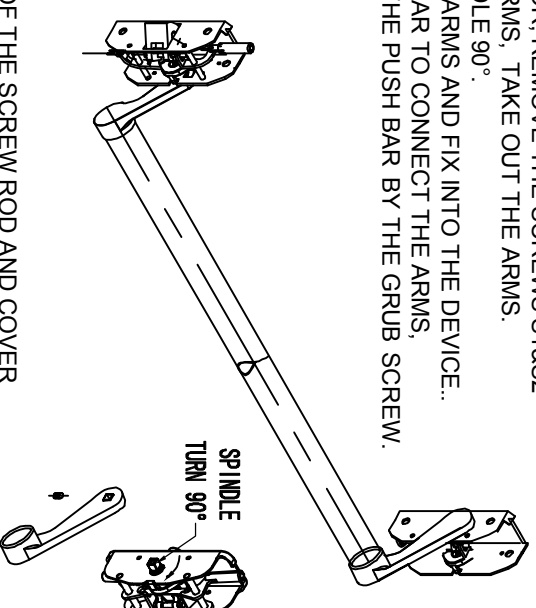


- 5) IF DOOR WIDTH IS LESS THAN 1,000MM, CUT PUSH BAR.  
A) MARK THE PUSH BAR FROM THE END TO THE LENGTH "X".  
B) CUT THE PUSH BAR TO MARKED DIMENSION AND REMOVE BURRS.

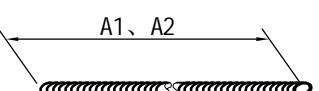
NOTE: FACTORY RECOMMENDS SAWING RATHER THAN GRIND CUT TO SIZE. GRINDING CAN DAMAGE THE FINISH OF THE PUSH BAR AND SAWING RESULTS IN LESS DAMAGE TO THE PUSH BAR'S FINISH.



- 6) DEVICE FOR LEFT DOOR AND RIGHT DOOR  
A) THE STANDARD PRODUCT IS FOR RIGHT DOOR.  
B) IF FOR LEFT DOOR, REMOVE THE SCREWS S1&S2 THAT FIX THE ARMS, TAKE OUT THE ARMS.  
C) TURN THE SPINDLE 90°.  
D) EXCHANGE THE ARMS AND FIX INTO THE DEVICE..  
E) PUT THE PUSH BAR TO CONNECT THE ARMS, BUT DON'T FIX THE PUSH BAR BY THE GRUB SCREW.

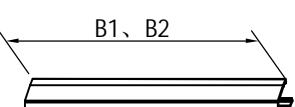


- 6) CUT THE LENGTH OF THE SCREW ROD AND COVER ACCORDING TO BELLOW LENGTH REQUIREMENT..



$$A1=H1-100$$

$$A2=H2-100$$

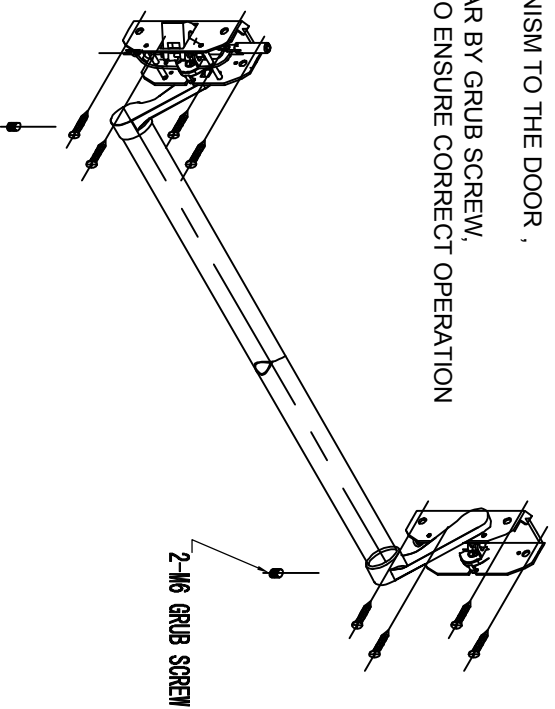


$$B1=H1-125$$

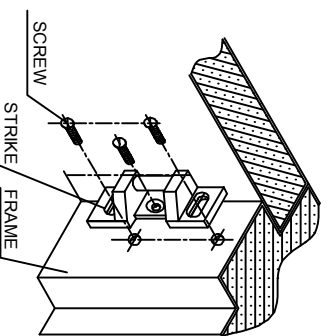
$$B2=H2-125$$

## 4. HARDWARE INSTALLATION

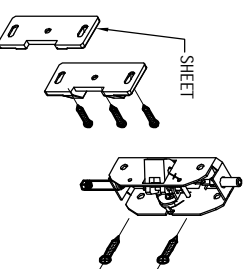
- 1) IF USING OUTSIDE TRIM OR SEXBOLTS, MOUNT TRIM PER DIRECTIONS IN TRIM BOX, OR INSTALL OUTSIDE SEX BOLTS.
- 2) INSTALL MECHANISM TO THE DOOR ,
- 3) FIX THE PUSH BAR BY GRUB SCREW, TEST THE UNIT TO ENSURE CORRECT OPERATION



- 4) INSTALL STRIKE. CHECK THAT DEVICE OPERATES SMOOTHLY AND THAT LATCH BOLT ENGAGES SECURELY. TEST THE UNIT TO ENSURE CORRECT OPERATION



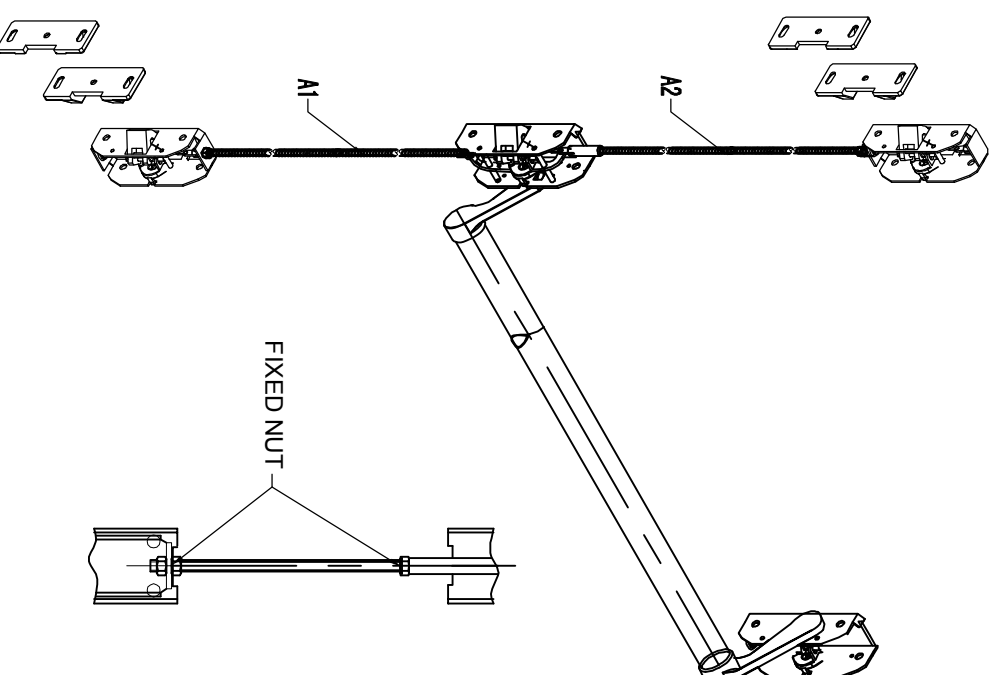
- 5) INSTALL UP STRIKE AND DOWN STRIKES, AND THEN INSTALL PULLMAN LATCH BODIES TO ENSURE THAT THE LATCHBOLTS ENGAGE SECURELY TO THE STRIKE.



- 6) INSTALL TOP THREADED ROD INTO CONNECTOR PIECE ON TOP PULLMAN LATCH, HOLD THREADED ROD IN VERTICAL POSITION READY TO CONNECT WITH MAIN DEVICE.

THIS WILL ALLOW YOU TO MARK THE ROD GUIDES POSITIONS AND FIX INTO PLACE. NOW CONNECT MAIN THREADED ROD TO THE ROD CONNECTION ON THE DEVICE AND SCREW INTO PLACE USING FIXING NUT .

TEST THE UNIT TO ENSURE CORRECT OPERATION



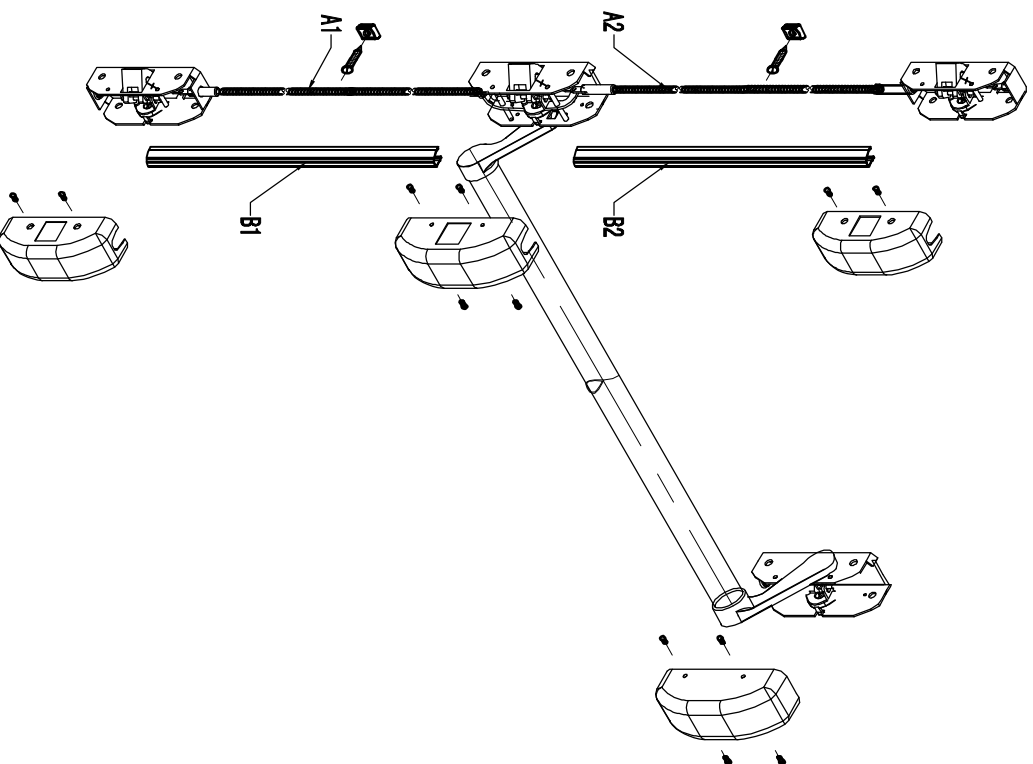
7) Install each cover in correct sequence and test the product at each stage to ensure correct operation.

**A)** Install rod covers (again may need to be cut to size) operate the unit to check for binding - ensure rod cover is not too long to prevent the pullman latch mechanism from operating.

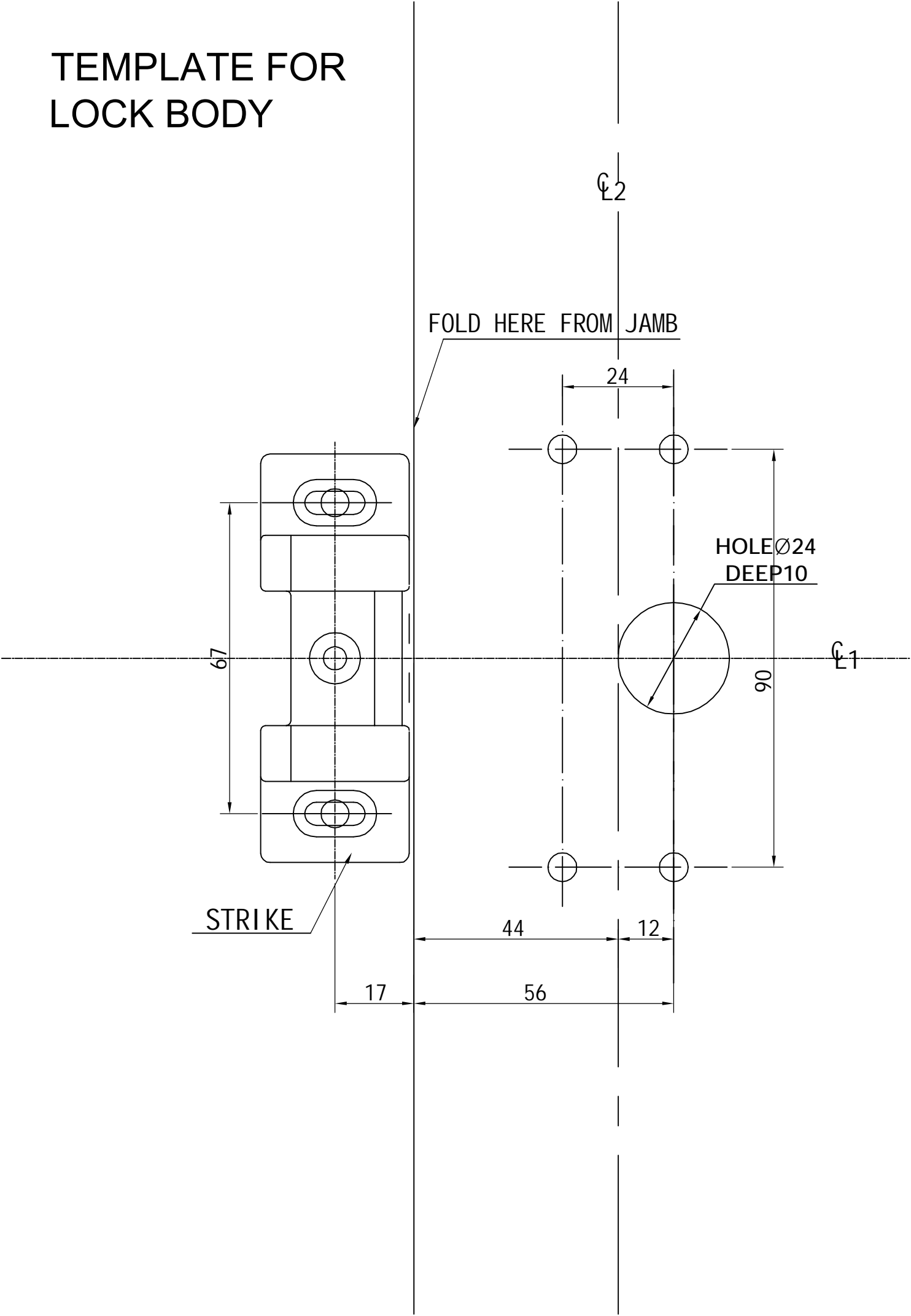
**B)** Install main device head cover - Test the unit to ensure correct operation.

**C)** Install device end cap onto mounting bracket.

**D)** Install pullman latch covers & test the unit to ensure correct operation.



# TEMPLATE FOR LOCK BODY



# TEMPLATE FOR LATCH

