

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
C	14DEC2022	VBC/IR	PRN: P2022-2062

PART NUMBER: E5-7-L F-UU1-1K

USE ONLY WHEN L=71 OR 72

L = DRIVER ACTUATION STYLE

F = MATERIAL AND FINISH

K = KEY OPTIONS

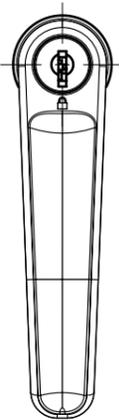
- 0 = NO KEYS INCLUDED, ORDER SEPARATELY
- 1 = 1 KEY PER LATCH (FLAT KEY)
- 2 = 2 KEYS PER LATCH (FLAT KEYS)
- 3 = 1 KEY PER LATCH (PLASTIC OVERMOLDED)
- 4 = 2 KEYS PER LATCH (PLASTIC OVERMOLDED)

- 2 = DIE CAST ZINC, BRIGHT CHROME PLATE
- 5 = DIE CAST ZINC, BLACK POWDER COAT

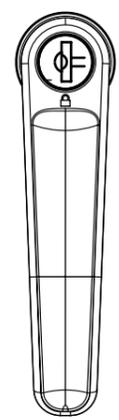
L LOCK STYLES



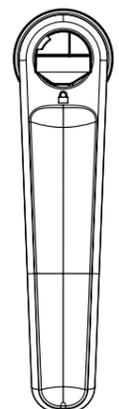
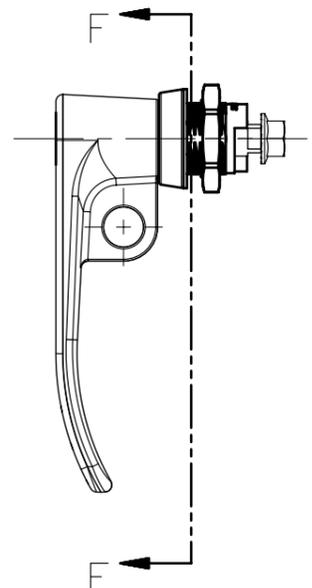
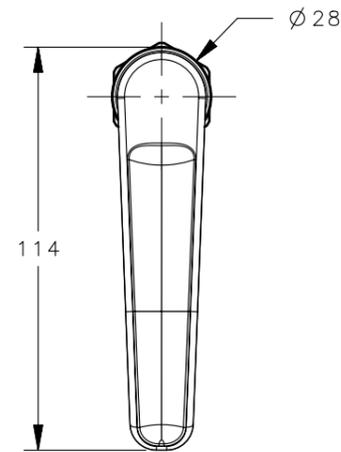
L = 70  
NON-LOCKING



L = 71  
CH751 KEY  
LOCKING



L = 72  
SS SCALP AND  
SHUTTER,  
KEY LOCKING,  
REVERSIBLE  
KEY CODE R001



L = 73  
KEY LOCKING,  
LOCK CORE  
ORDERED SEPARATELY



L = 100  
TOOL LOCKING,  
SLOTTED



L = 101  
TOOL LOCKING,  
8mm HEX

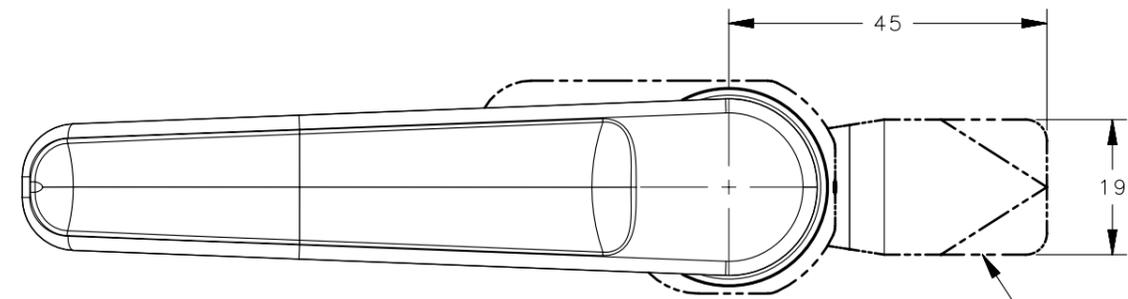
NOTES:

1. COSMETIC SPECIFICATION:  
ALL SURFACES ABOVE F-F ARE TO CONFORM TO A CLASS "B" DESIGNATION,  
ALL OTHER SURFACES ARE TO CONFORM TO A CLASS "D" DESIGNATION AS DESCRIBED  
IN SOUTHCO COSMETIC SPECIFICATION:  
S-121-01 FOR CHROME PLATING  
S-121-02 FOR ZINC PLATING AND SEALED PARTS  
S-121-03 FOR POWDER COATING
2. LATCH ASSEMBLY CAN BE USED WITH OTHER E5 FAMILY ACCESSORIES.  
PLEASE REFER TO SOUTHCO HANDBOOK OR WEBSITE AT [www.southco.com](http://www.southco.com) FOR ENTIRE LIST.
3. PACKAGING: LATCHES ARE LAYER PACKAGED IN TRAYS. CAM SCREWS AND MOUNTING NUTS  
ARE BULK PACKAGED SEPARATELY.
4. RoHS COMPLIANT.
5. FOR KEY INFORMATION REFER TO J-PK-10-01 (PLASTIC OVERMOLDED).

CPB NUMBER 2020-0366	THIRD ANGLE PROJECTION			
	MILLIMETERS [IN]			
SURFACE AREA	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION E5 QUAD LATCH, L-HANDLE PADLOCKABLE		
VOLUME	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	SIZE A3	SYSTEM NX	DWG NO. J-E5-7
PROPRIETARY ITEM EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.	PER ASME Y14.5M-1994	DRAWN BY MBT/DMS	DATE 01AUG2021	SCALE 1:2
				SHEET 1 OF 5

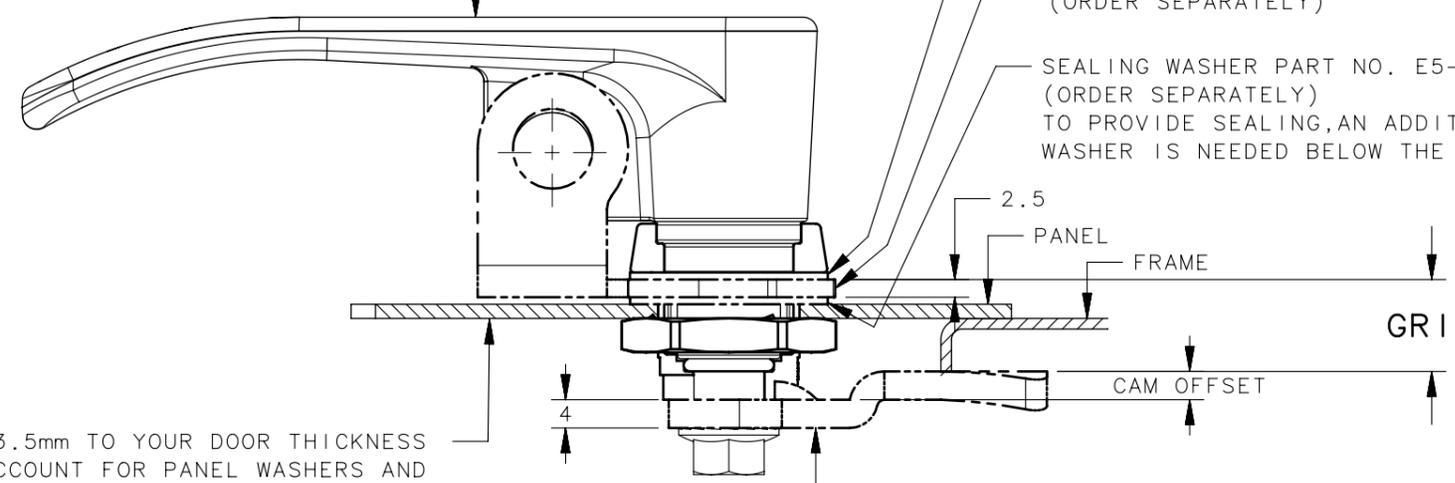
# CAM OPTION - FLAT CAM

REVISION HISTORY			
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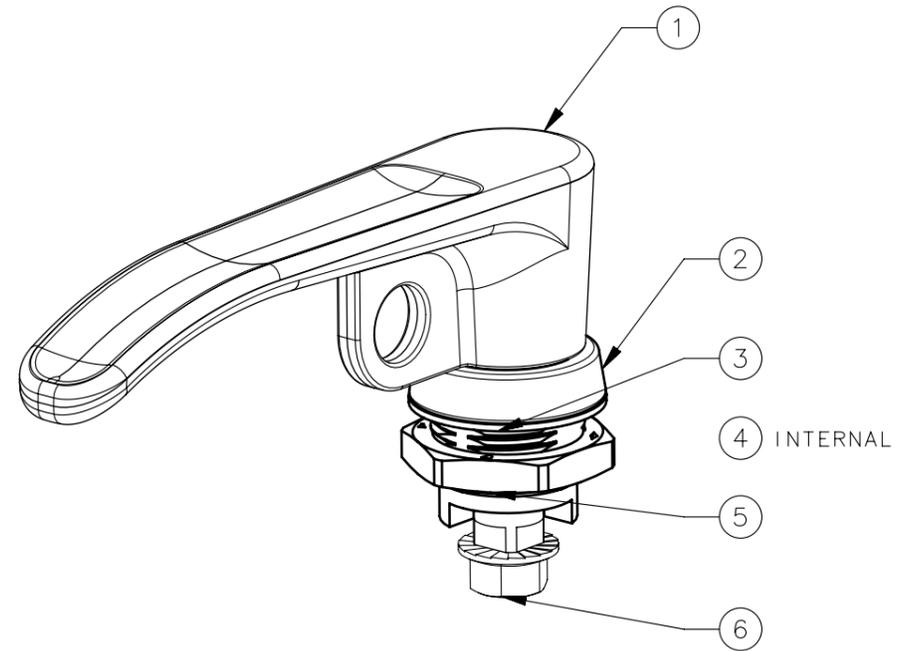
CAM SOLD SEPARATELY

VISIBLE SURFACES ABOVE DOOR ARE LISTED AS CLASS B. (SEE SHEET 1)



ADD 3.5mm TO YOUR DOOR THICKNESS TO ACCOUNT FOR PANEL WASHERS AND PADLOCK HASP.

- SEALING WASHER 1mm THICK 0.5mm COMPRESSED (PROVIDED WITH LATCH)
- RH PADLOCK HASP PART NO. E5-75-601-86 SHOWN (ORDER SEPARATELY)
- SEALING WASHER PART NO. E5-62 (ORDER SEPARATELY) TO PROVIDE SEALING, AN ADDITIONAL SEALING WASHER IS NEEDED BELOW THE HASP.
- CAMS SOLD SEPARATELY, PART NO. E5-6008 (4mm OFFSET) SHOWN SEE DRAWINGS J-E5-60-A, J-E5-60-B



NO.	PART NUMBER	QTY	TYPE OF COMPONENT	MATERIAL	GENERAL NOTES
6	-	1	CAM SCREW	STEEL	ZINC NICKEL PLATE
5	-	1	MOUNTING NUT	ZINC	CHROMATE SEALER
4	-	1	O-RING	NITRILE	BLACK
3	-	1	SEALING WASHER	LDPE	BLACK
2	-	1	HOUSING	ZINC	CHROMATE SEALER, BLACK POWDER COATING
1	-	1	HANDLE	ZINC	CHROME PLATED/ BLACK POWDER COATING
-	E5-7-LF-UU1-1K	-	CAM LATCH ASSEMBLY	-	-

YY	GRIP	YY	GRIP
22	42mm	12	22mm
21	40mm	11	20mm
20	38mm	10	18mm
19	36mm	09	16mm
18	34mm	08	14mm
17	32mm	07	12mm
16	30mm	06	10mm
15	28mm	05	8mm
14	26mm	04	6mm
13	24mm	03	4mm

CPB NUMBER 2020-0366

THIRD ANGLE PROJECTION

MILLIMETERS [IN]

TOLERANCES UNLESS OTHERWISE NOTED

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PER ASME Y14.5M-1994

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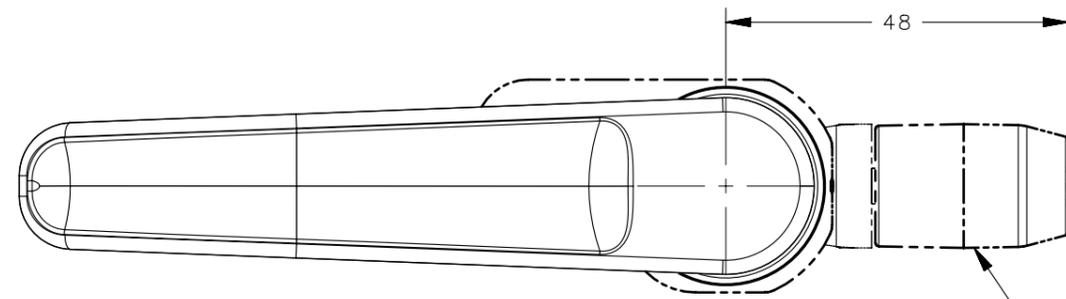
DESCRIPTION: E5 QUAD LATCH, L-HANDLE PADLOCKABLE FLAT CAM OPTIONS

SIZE: A3 SYSTEM: NX DWG NO.: J-E5-7

DRAWN BY: MBT/DMS DATE: 01AUG2021 SCALE: 1:1 SHEET: 2 OF 5

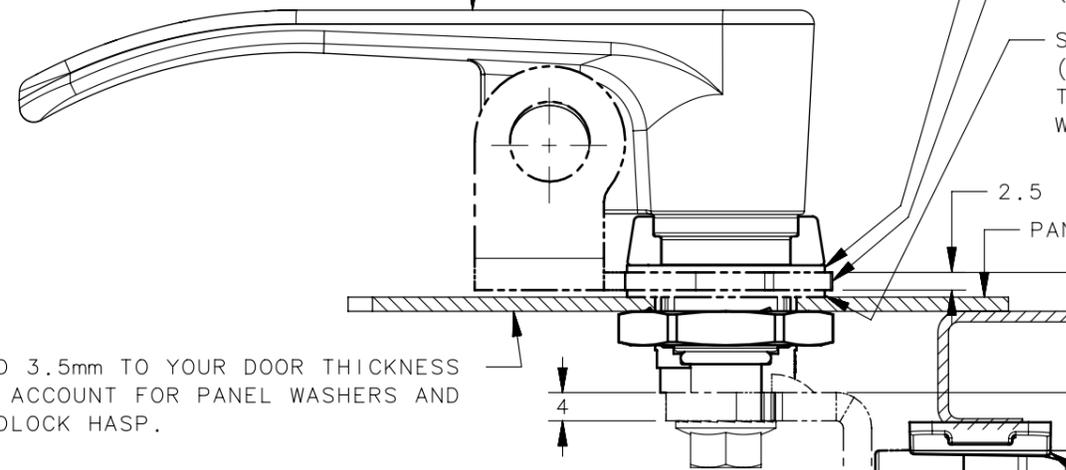
# CAM OPTION - ROLLER CAM

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
C	14DEC2022	VBC/IR	PRN: P2022-2062



CAM SOLD SEPARATELY

VISIBLE SURFACES ABOVE DOOR ARE LISTED AS CLASS B. (SEE SHEET 1)



SEALING WASHER 1mm THICK  
0.5mm COMPRESSED  
(PROVIDED WITH LATCH)

RH PADLOCK HASP  
PART NO. E5-75-601-86 SHOWN  
(ORDER SEPARATELY)

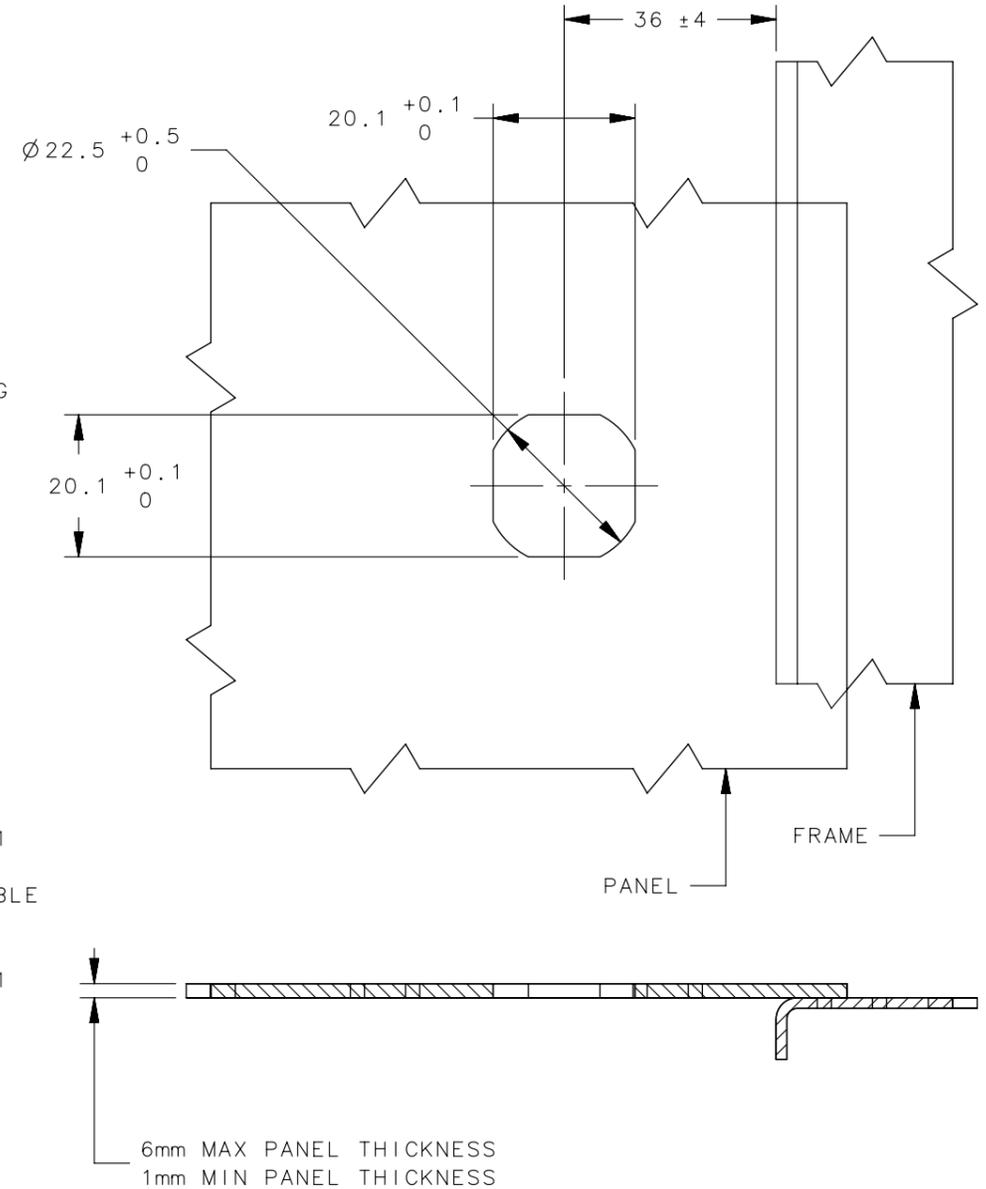
SEALING WASHER PART NO. E5-62  
(ORDER SEPARATELY)  
TO PROVIDE SEALING, AN ADDITIONAL SEALING WASHER IS NEEDED BELOW THE HASP.

ADD 3.5mm TO YOUR DOOR THICKNESS TO ACCOUNT FOR PANEL WASHERS AND PADLOCK HASP.

CAMS SOLD SEPARATELY,  
PART NO. E5-7014 (4mm OFFSET) SHOWN  
SEE DRAWINGS J-E5-70

KEEPER: P/N E5-74-601-33  
SEE DRAWING J-E5-74-601  
(ORDER SEPARATELY)  
KEEPER SPACERS ARE ALSO AVAILABLE TO ADJUST KEEPER HEIGHT.  
SPACER: P/N E5-19-601-11  
SEE DRAWING J-E5-19-601  
(ORDER SEPARATELY)

## PANEL PREPARATION



ROLLER CAM SELECTION TABLE - SOLD SEPARATELY

YY	GRIP
82	42mm
81	40mm
80	38mm
79	36mm
78	34mm
77	32mm
76	30mm
75	28mm
74	26mm
73	24mm
72	22mm
71	20mm
70	18mm
69	16mm

CPB NUMBER  
2020-0366

THIRD ANGLE PROJECTION

MILLIMETERS [IN]

TOLERANCES UNLESS OTHERWISE NOTED

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PER ASME Y14.5M-1994

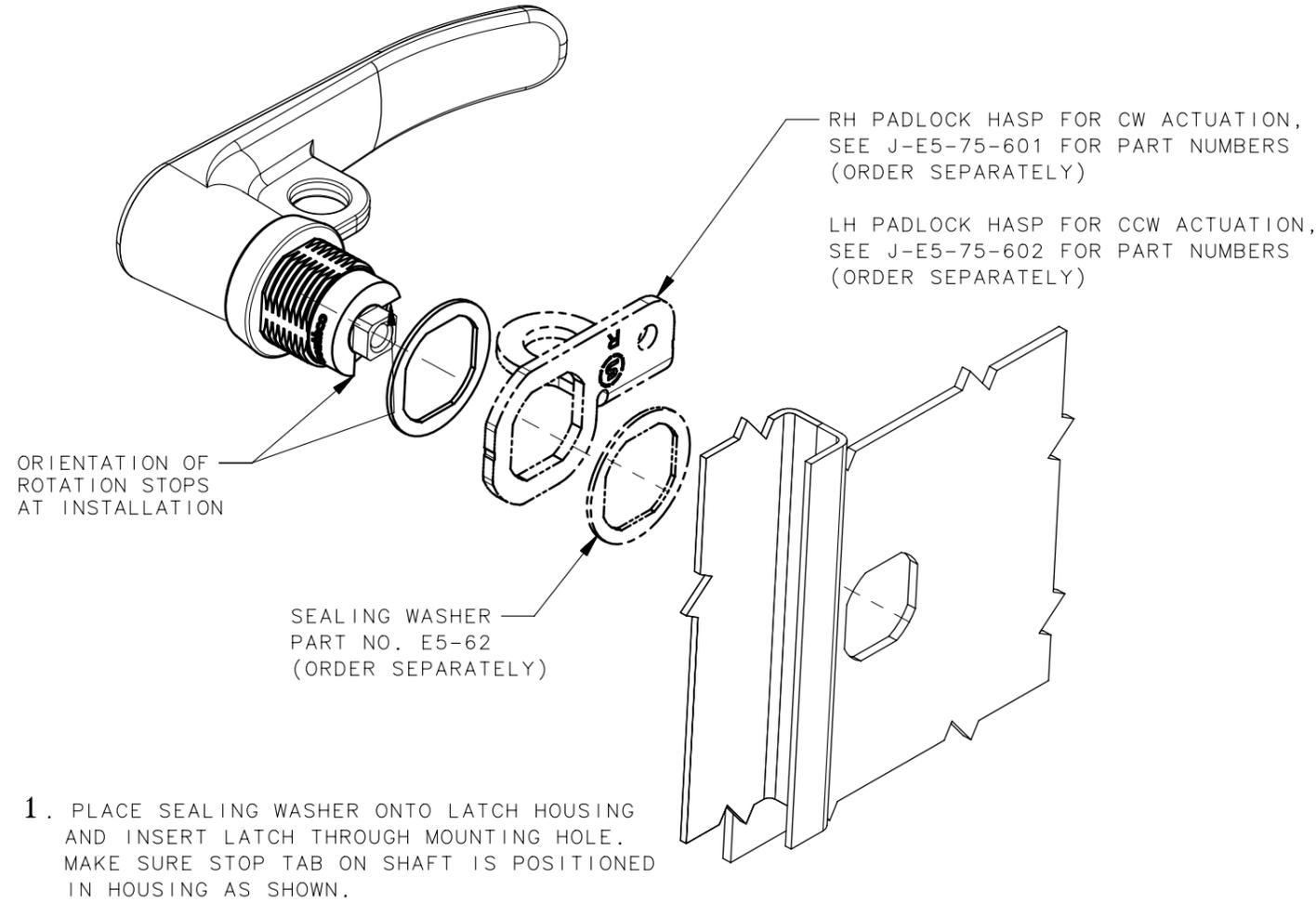
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DESCRIPTION  
E5 QUAD LATCH, L-HANDLE PADLOCKABLE ROLLER CAM OPTIONS

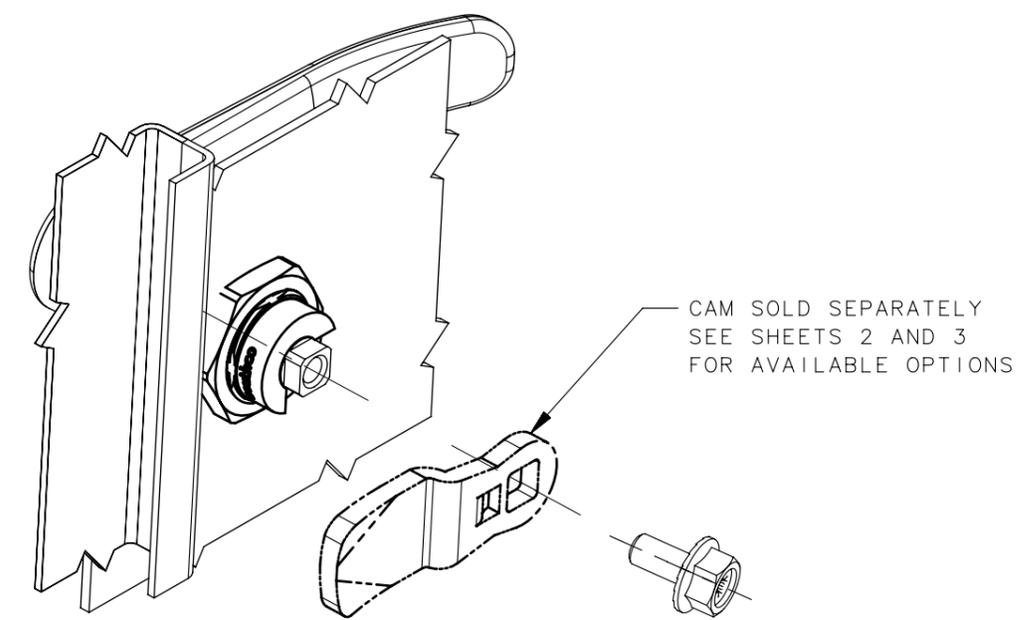
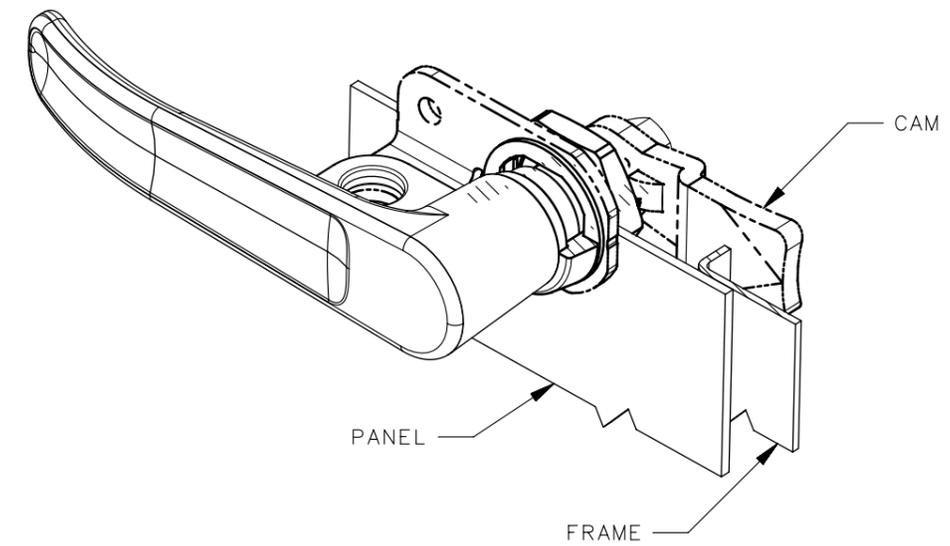
SIZE A3	SYSTEM NX	DWG NO. J-E5-7
DRAWN BY MBT/DMS	DATE 01AUG2021	SCALE 1:1
		SHEET 3 OF 5

# LATCH AND CAM INSTALLATION

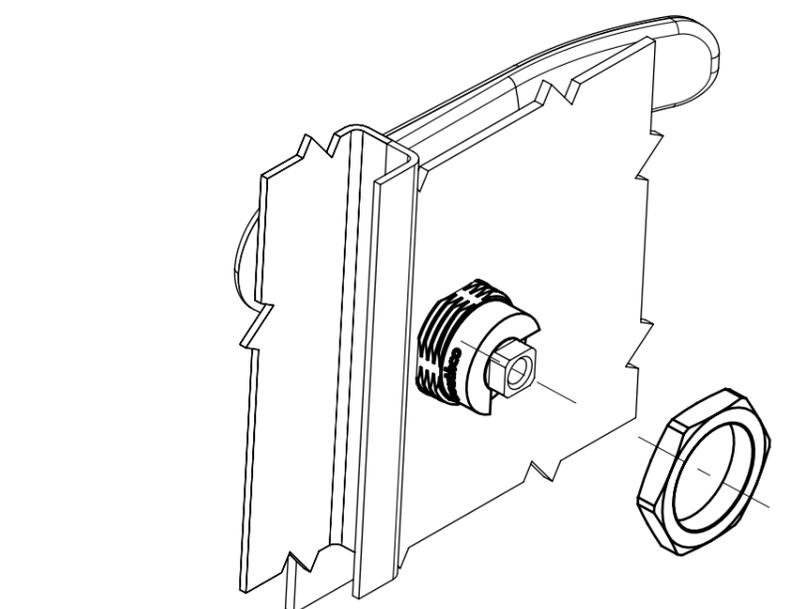
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1. PLACE SEALING WASHER ONTO LATCH HOUSING AND INSERT LATCH THROUGH MOUNTING HOLE. MAKE SURE STOP TAB ON SHAFT IS POSITIONED IN HOUSING AS SHOWN.



3. INSTALL CAM ONTO END OF SHAFT IN LATCH ASSEMBLY. SECURE TO LATCH WITH CAM SCREW. TIGHTEN TO 5 N-m MAX TORQUE USING A 10mm HEX OR No. 2 PHILLIPS DRIVER.

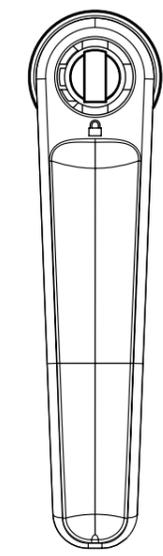
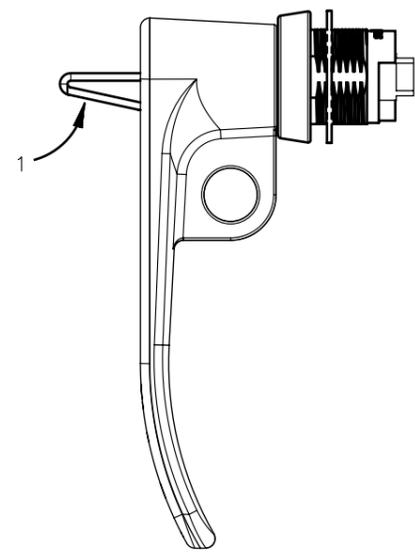
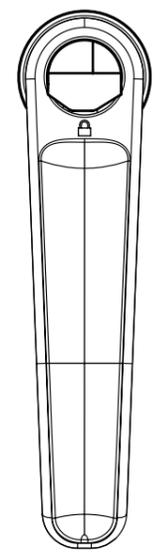


2. THREAD HEX NUT ONTO HOUSING TO SECURE LATCH ASSEMBLY TO PANEL. TIGHTEN TO 10 N-m MAX.

CPB NUMBER 2020-0366	THIRD ANGLE PROJECTION	<b>southco</b> <sup>®</sup> CONNECT • CREATE • INNOVATE	
	MILLIMETERS [IN]		
SURFACE AREA	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION E5 QUAD LATCH, L-HANDLE PADLOCKABLE LATCH AND CAM INSTALLATION	
VOLUME	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	SIZE A3	SYSTEM NX
PROPRIETARY ITEM <small>EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.</small>	PER ASME Y14.5M-1994	DWG NO. J-E5-7	DATE 01AUG2021
		DRAWN BY MBT/DMS	SCALE 1:1.25
			SHEET 4 OF 5

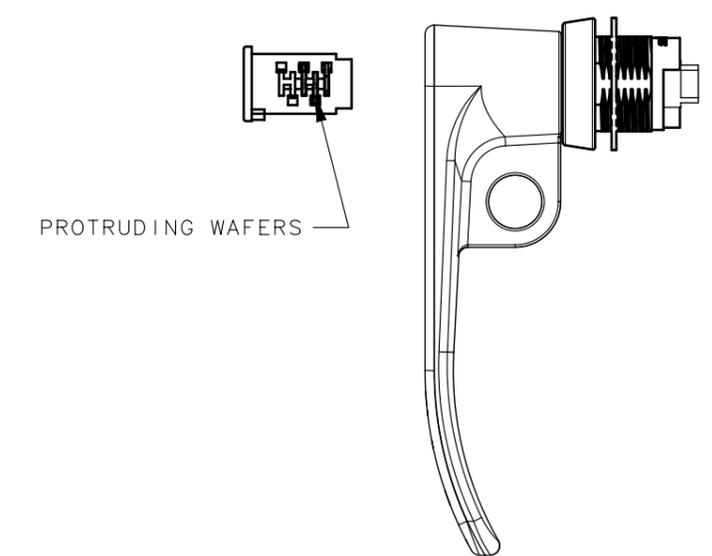
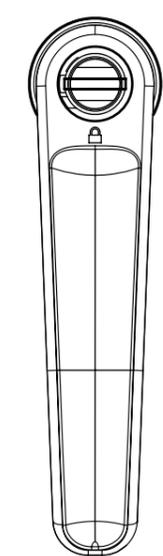
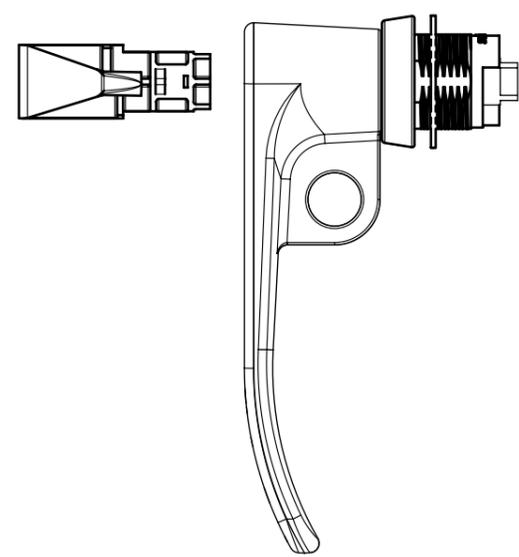
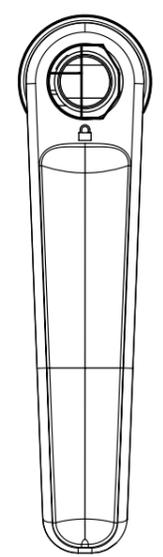
REVISION HISTORY			
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# LOCK CORE INSTALLATION (PART No. E5-7-73F-UU1)



1. REMOVE SHIPPING PLUG BY SQUEEZING SPRING LEG TOWARD CENTER OF PLUG.

3. VERIFY ORIENTATION OF LOCK EXTENDER AS SHOWN.



2. WITH SPRING DEPRESSED, ROTATE PLUG 90° COUNTER CLOCKWISE AND PULL PLUG OUT OF DRIVER.

4. WITH WAFERS PROTRUDING 90° CLOCKWISE FROM LOCK SYMBOL LOCK SYMBOL, INSERT LOCK CORE INTO DRIVER.  
5. INSERT KEY INTO LOCK CORE AND TURN 90° CLOCKWISE TO VERIFY LOCK CORE IS FULLY SEATED AND OPERATING PEOPERLY AFTER INSTALLATION.

CPB NUMBER 2020-0366	THIRD ANGLE PROJECTION	<b>southco</b> <sup>®</sup> CONNECT • CREATE • INNOVATE		
	MILLIMETERS [IN]	DESCRIPTION E5 QUAD LATCH, L-HANDLE PADLOCKABLE LOCK CORE INSTALLATION		
SURFACE AREA	TOLERANCES UNLESS OTHERWISE NOTED			
VOLUME	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	SIZE A3	SYSTEM NX	DWG NO. J-E5-7
PROPRIETARY ITEM <small>EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.</small>	PER ASME Y14.5M-1994	DRAWN BY MBT/DMS	DATE 01AUG2021	SCALE 1:1.5
				SHEET 5 OF 5