

NOTES:

A. MATERIAL AND FINISH:

- HOUSING: DIE CAST ZINC, CHROME PLATED
- WING KNOB: DIE CAST ZINC, CHROME PLATED
- CAM: STEEL, ZINC PLATED, BRIGHT CHROMATE
- HEX FLANGE SCREW: LOW CARBON STEEL, ZINC PLATED, BRIGHT CHROMATE
- MOUNTING NUT: DIE CAST ZINC
- SEALING WASHER: POLYURETHANE, BLACK

B. UU CAM TYPE INDICATES THAT CAM IS ORDERED AND SHIPPED SEPARATELY.

C. OTHER CAM PROFILES AVAILABLE UPON REQUEST. CALL SOUTHCO FOR DETAILS.

D. SEE SHEET 2 FOR INSTALLATION METHODS.

E. COSMETIC SPECIFICATION:  
ALL SURFACES ARE TO CONFORM TO A CLASS \*D\* DESIGNATION AS DESCRIBED IN SOUTHCO COSMETIC SPECIFICATION S-121-01.



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.

E5 QUAD LATCH (PADLOCK WING)  
M22 X 23 HOUSING

DATE	DRAWN	CHKD	SCALE
24JUN2005	MDY	LAH	1:1

DRAWING NUMBER
J-E5-310

REV	DATE	DRAWN/CHKD	DESCRIPTION
A	31AUG2005	MJS/MDY	PRN: P2005-1150
B	13OCT2005	AJH/RLR	PRN: P2005-1432
C	14DEC2005	RLR/MJS	PRN: P2005-1779

PART NUMBER: E5-31-**WW** 2-**YY** 0

51 - WING KNOB, PADLOCK, TYPE B  
52 - WING KNOW, PADLOCK, TYPE A

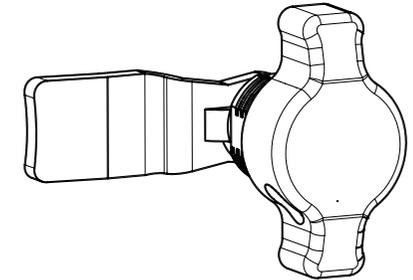
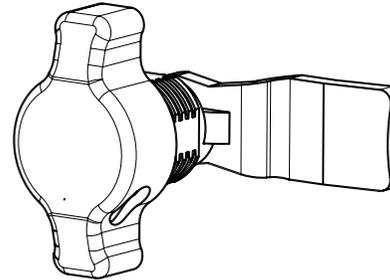
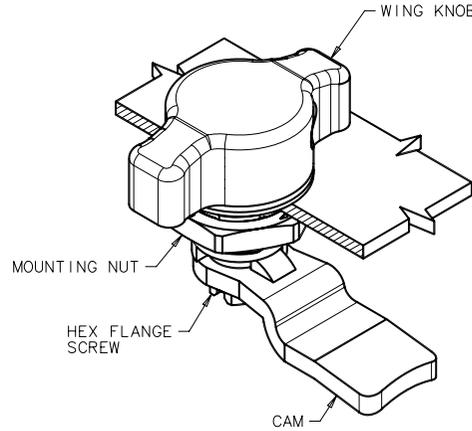
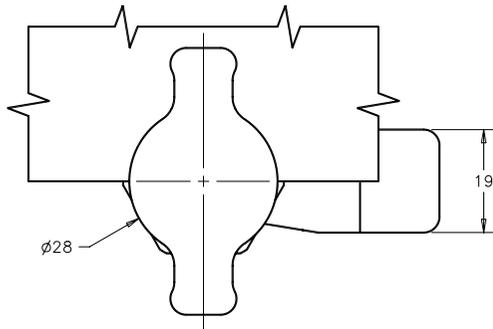
CAM TYPE  
(SEE GRIP TABLE)

MILLIMETERS

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

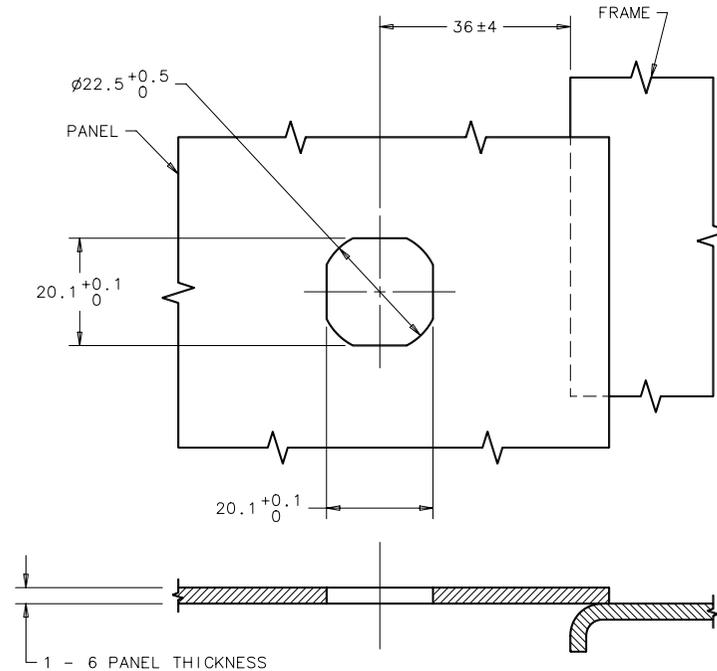
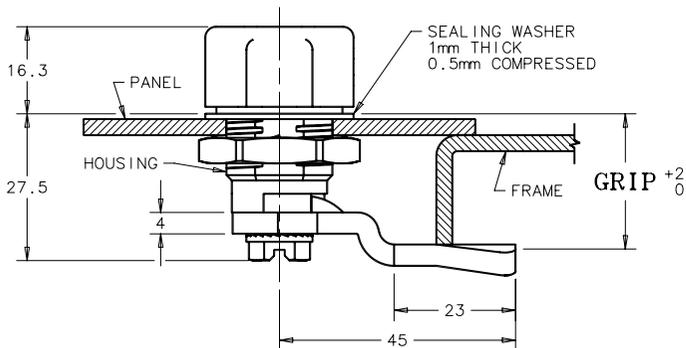


SHEET 1 OF 2



TYPE A (CLOCKWISE TO LATCH)  
PART No. E5-31-522-YY0

TYPE B (COUNTERCLOCKWISE TO LATCH)  
PART No. E5-31-512-YY0



1 - 6 PANEL THICKNESS

PANEL PREPARATION

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

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**southco**

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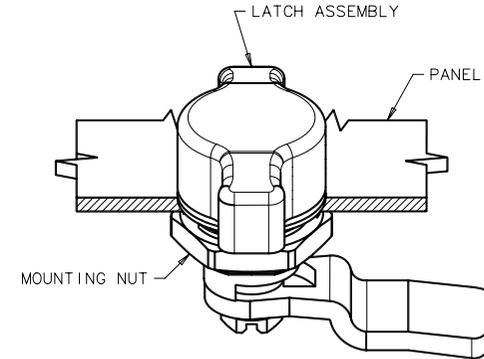
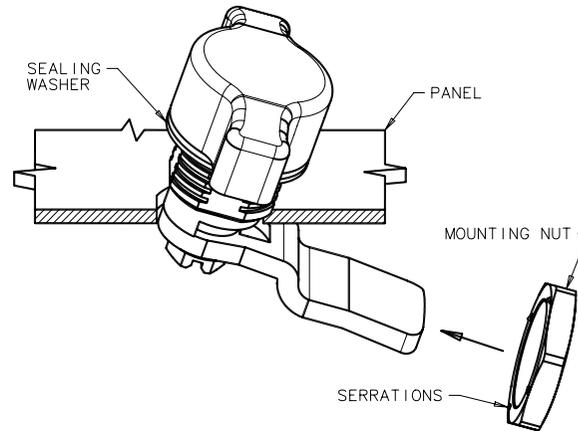


SHEET 2 OF 2

**INSTALLATION METHOD 1**

USE WHEN GRIP IS EQUAL TO OR EXCEEDS PANEL THICKNESS BY 9mm.

1. PLACE SEALING WASHER ONTO LATCH HOUSING.
2. TILT LATCH THROUGH MOUNTING HOLE.
3. INSTALL MOUNTING NUT AND TIGHTEN TO 10 N·m MAX.



**INSTALLATION METHOD 2**

REQUIRED WHEN GRIP DOES NOT EXCEED PANEL THICKNESS BY 9mm

1. REMOVE SCREW FROM HOUSING, DETACHING CAM FROM LATCH ASSEMBLY.
2. PLACE SEALING WASHER ONTO LATCH HOUSING AND PLACE THROUGH MOUNTING HOLE.
3. INSTALL MOUNTING NUT AND TIGHTEN TO 10 N·m MAX.
4. RE-ATTACH CAM TO LATCH ASSEMBLY. ASSURE PROPER CAM ORIENTATION.
5. INSTALL SCREW AND TIGHTEN TO 4 N·m MAX.

