

6

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PART NUMBER: E5-6-WW X-YY 1

ACTUATION STYLE (SEE BELOW)

CAM TYPE (SEE GRIP TABLE, SHEET 2)

MATERIAL AND FINISH: 24 = 304 STAINLESS STEEL, PASSIVATED 27 = 316 STAINLESS STEEL, PASSIVATED

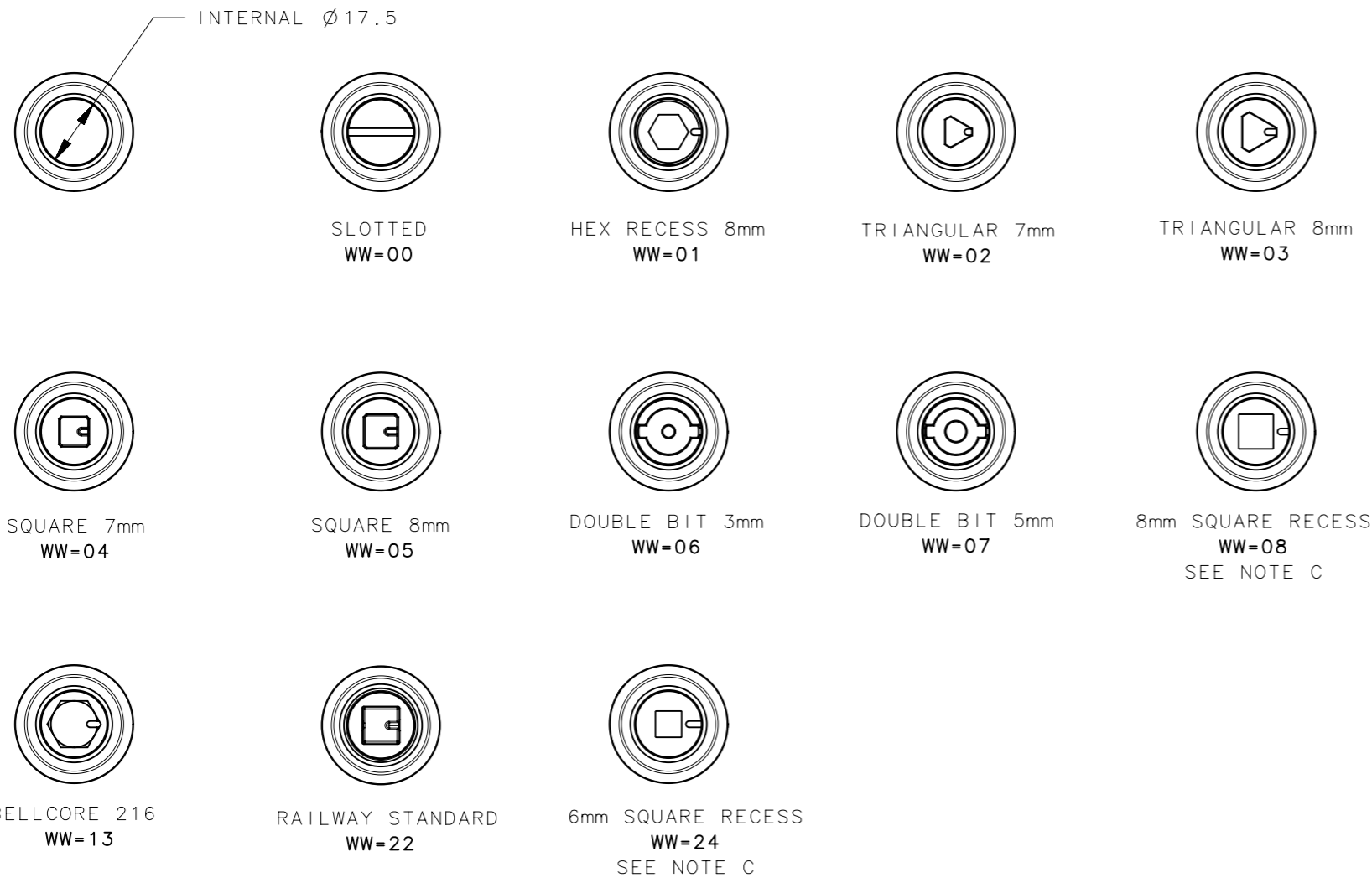
REVISION HISTORY

REV	DATE	BY	DESCRIPTION
B	28AUG2024	CRM/DMS	PRN: P2024-1442

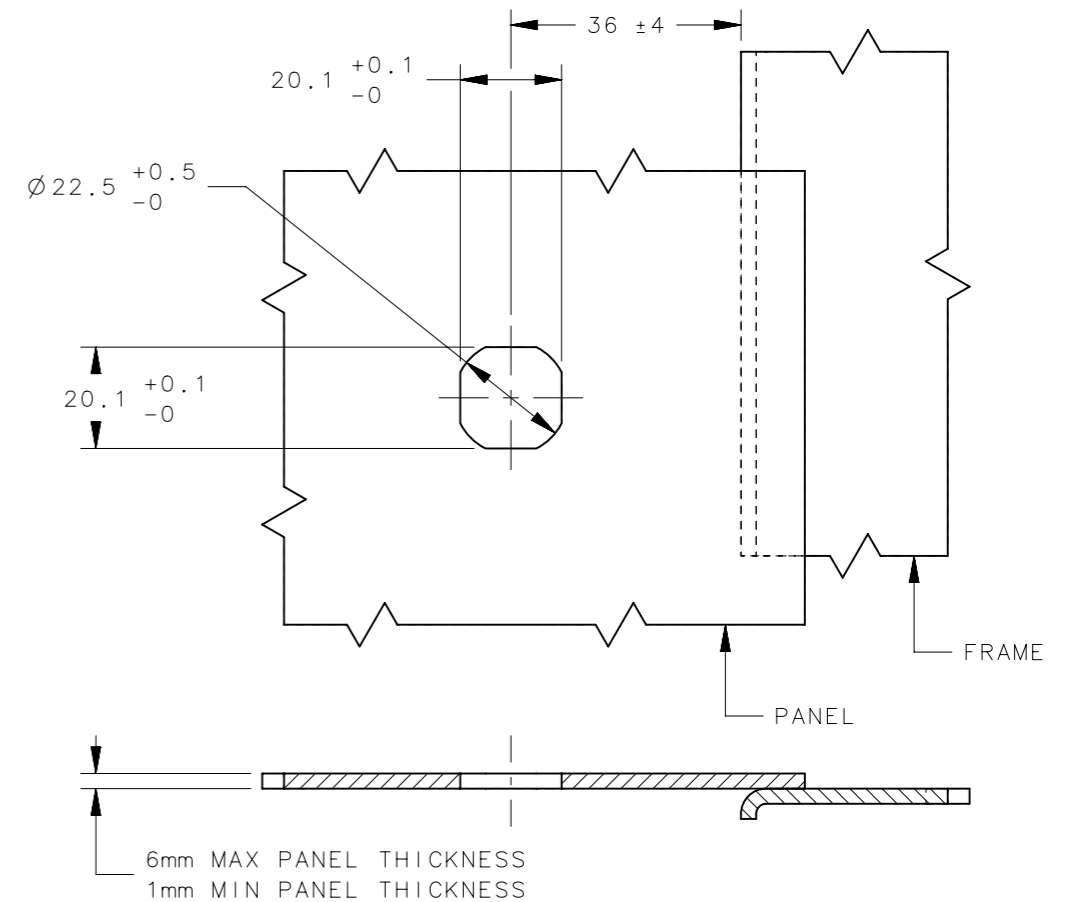
X MATERIAL AND FINISH:

- HOUSING: 304 AND 316, PASSIVATED
- DRIVE STUD: 304 AND 316, PASSIVATED
- CAM: 304 AND 316, PASSIVATED
- MOUNTING NUT: 316
- CAM MOUNTING SCREW: 316, PASSIVATED
- INTERNAL SPRING: 302, PASSIVATED
- O-RING: NITRILE, BLACK
- SEALING WASHER: LDPE (LOW DENSITY POLYETHYLENE), BLACK

WW ACTUATION STYLES:



PANEL PREPARATION:



- NOTES:
- SEE SHEET 3 FOR INSTALLATION INSTRUCTIONS.
 - COSMETIC SPECIFICATION ALL SURFACES ABOVE A-A CONFORM TO A CLASS "B" DESIGNATION AS DESCRIBED IN SOUTHCO COSMETIC SPECIFICATION S-121-05.
 - FOR WW=08 AND WW=24 HEAD STYLE, THE RECESS CORNERS ARE ROUNDED.

THIRD ANGLE PROJECTION

MILLIMETERS [IN]

TOLERANCES UNLESS OTHERWISE NOTED

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

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PER ASME Y14.5M-2009

southco® CONNECT • CREATE • INNOVATE

DESCRIPTION E5 STAINLESS STEEL QUAD LATCH (TOOL SECURED) M22 X 23 HOUSING

SIZE A3 SYSTEM NX DWG NO. J-E5-6-24

DRAWN BY CBI/DMS DATE 02JUL2019 SCALE DNS SHEET 1 OF 3

6

5

4

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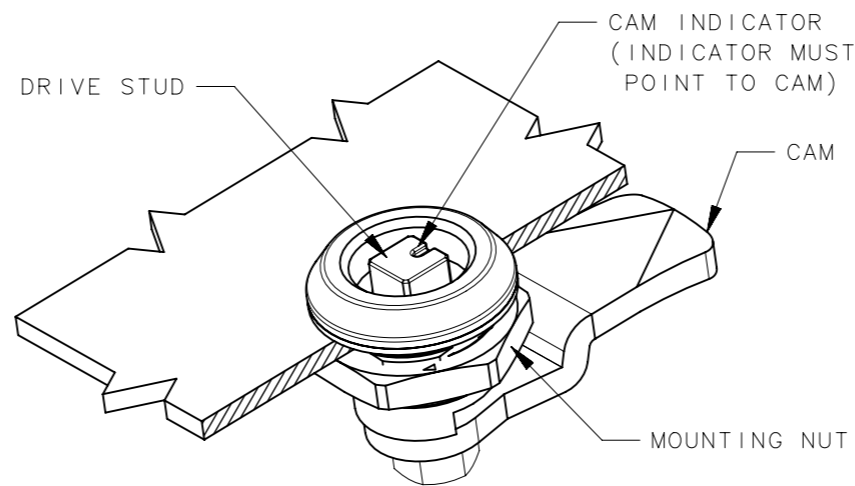
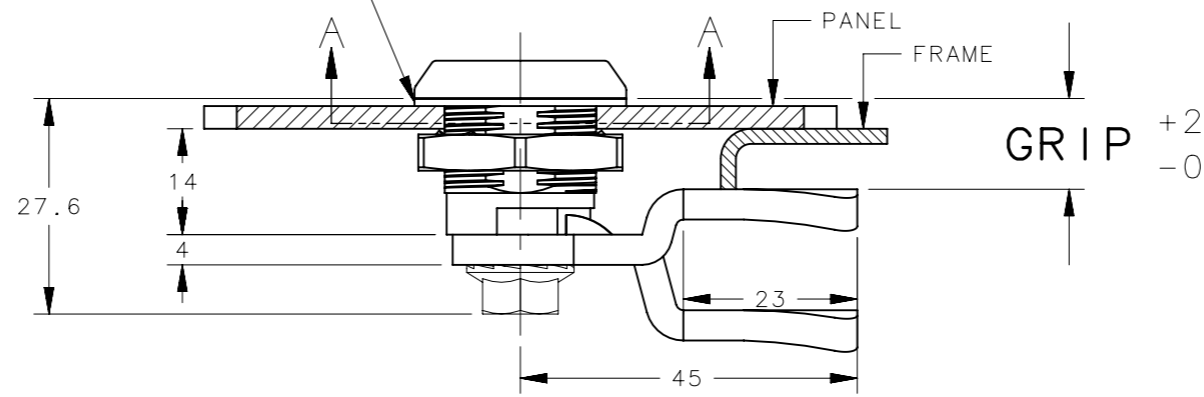
2

1

YY CAM STYLE:

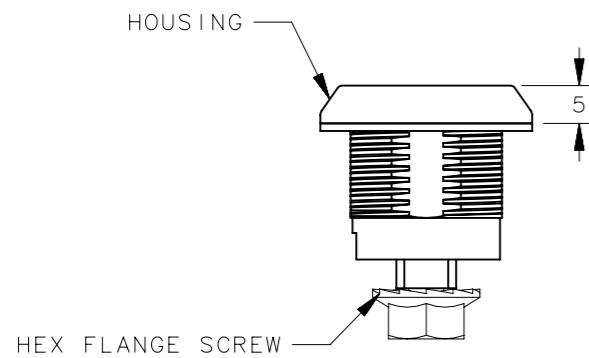
FLAT CAM

SEALING WASHER:
1mm THICK
0.5mm COMPRESSED



YY = ASSEMBLIES SHIPPED WITH CAM (NOT STOCKED)

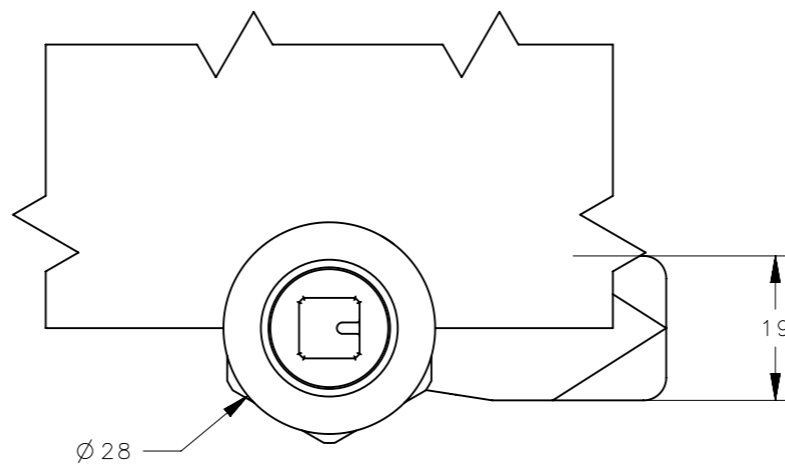
FLAT CAM	
YY	GRIP
22	42mm
21	40mm
20	38mm
19	36mm
18	34mm
17	32mm
16	30mm
15	28mm
14	26mm
13	24mm
12	22mm
11	20mm
10	18mm
09	16mm
08	14mm
07	12mm
06	10mm
05	8mm
04	6mm
03	4mm



YY = UU

CAM ORDERED AND SHIPPED SEPARATELY

PART NUMBER E5-6-05X-071 SHOWN



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>	THIRD ANGLE PROJECTION			
	MILLIMETERS [IN]			
	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION E5 STAINLESS STEEL QUAD LATCH (TOOL SECURED) M22 X 23 HOUSING		
	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	SIZE A3	SYSTEM NX	DWG NO. J-E5-6-24
PER ASME Y14.5M-2009	DRAWN BY CBI/DMS	DATE 02JUL2019	SCALE DNS	SHEET 2 OF 3

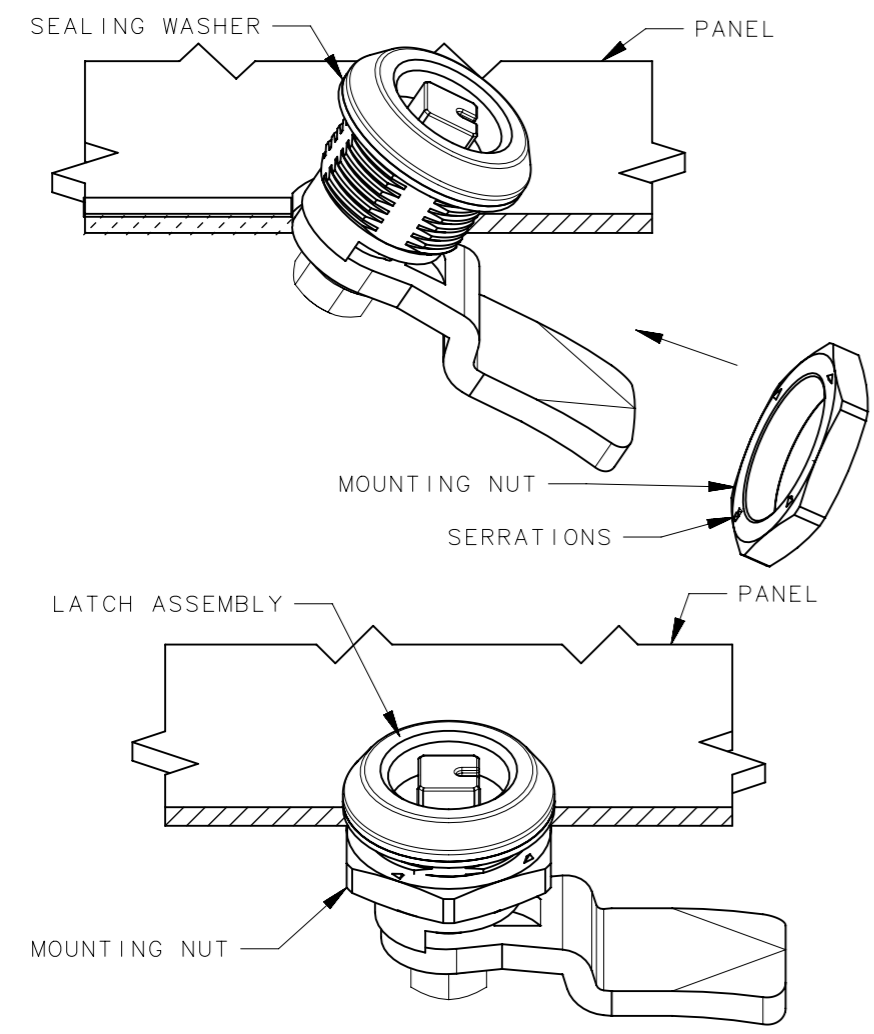
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
B	28AUG2024	CRM/DMS	PRN: P2024-1442

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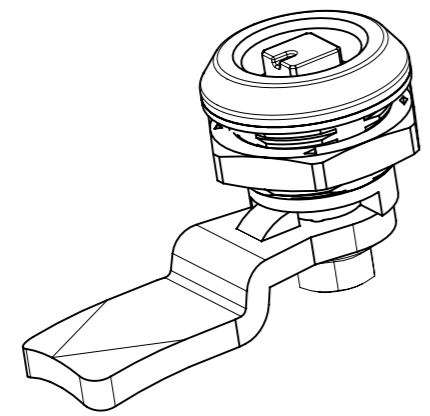
INSTALLATION METHOD 1

FLAT CAMS:
USE WHEN GRIP IS EQUAL TO OR EXCEEDS PANEL THICKNESS BY 9mm

1. PLACE SEALING WASHER ON LATCH HOUSING.
2. TILT LATCH THROUGH MOUNTING HOLE.
3. INSTALL MOUNTING NUT AND TIGHTEN TO 20 N*m MAX



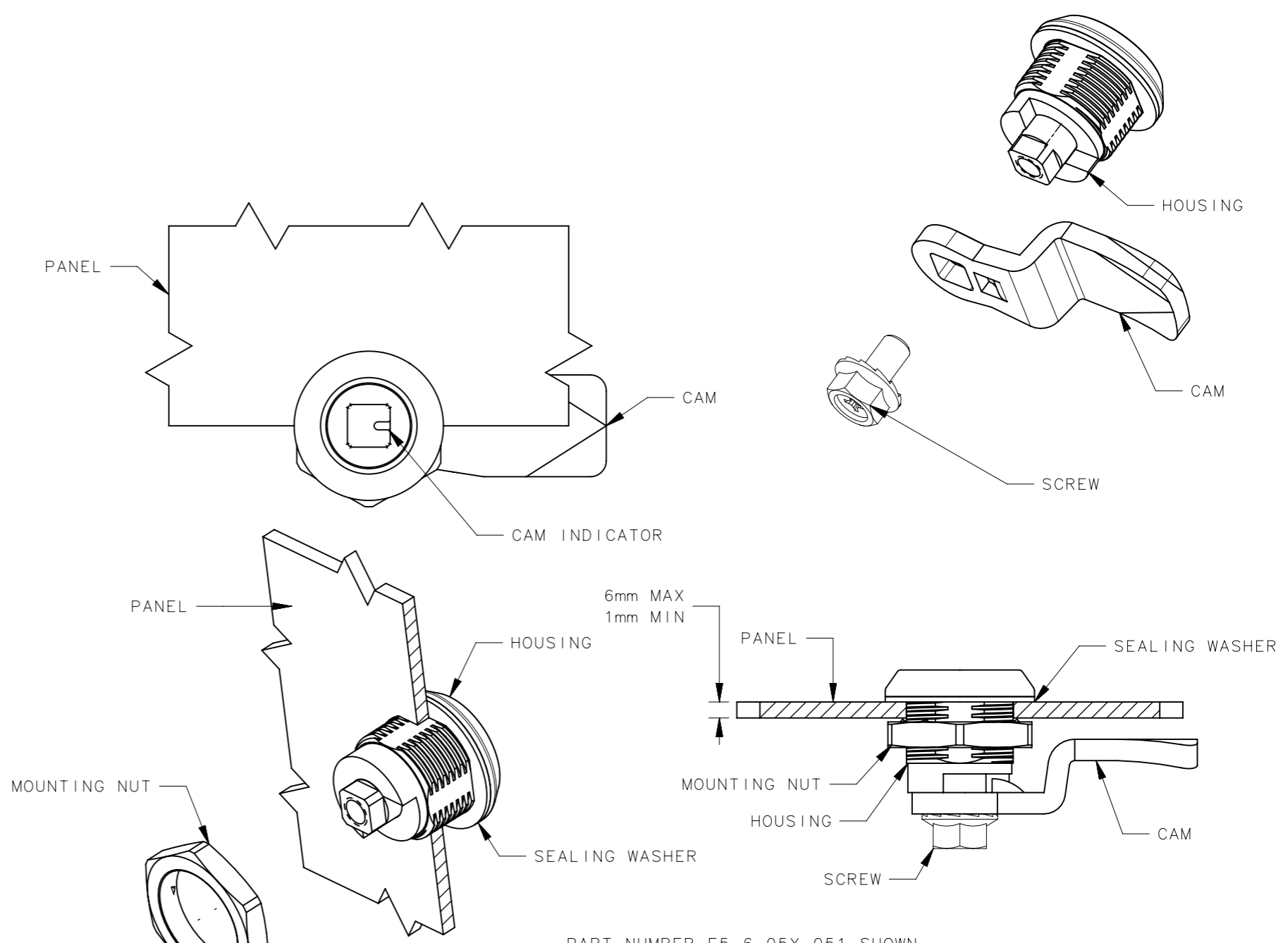
PART NUMBER E5-6-05X-131 SHOWN



INSTALLATION METHOD 2

FLAT CAMS:
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 HOLES.
3. INSTALL MOUNTING NUT AND TIGHTEN TO 20 N*m MAX.
4. RE-ATTACH CAM TO LATCH ASSEMBLY, ASSURE THAT CAM INDICATOR POINTS TO CAM LOCATION.
5. INSTALL SCREW AND TIGHTEN TO 10 N*m MAX.



PART NUMBER E5-6-05X-051 SHOWN

THIRD ANGLE PROJECTION				southco [®] CONNECT • CREATE • INNOVATE	
MILLIMETERS [IN]					
TOLERANCES UNLESS OTHERWISE NOTED		DESCRIPTION			
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.		E5 STAINLESS STEEL QUAD LATCH (TOOL SECURED) M22 X 23 HOUSING			
SIZE	SYSTEM	DWG NO.	J-E5-6-24		
A3	NX	DATE	02JUL2019	SCALE	DNS
PER ASME Y14.5M-2009		DRAWN BY	CBI/DMS	SHEET	3 OF 3
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