southco

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 STAINLESS STEEL M22 X 23 WITH DETENT

DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
12OCT2005	MGG		1:1	J-E5-32

REV	DATE	DRAWN/CHKD	DESCRIPTION
A	16NOV2005	MGG	PRN: P2005-1653
B	19NOV2020	CMS/MDW	PRN: P2020-2147

MILLIMETERS

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY

THIRD ANGLE PROJECTION | A3 PAPER SIZE

PART NUMBER: E5-32- WW X - YY 1

ACTUATION STYLE (SEE BELOW)

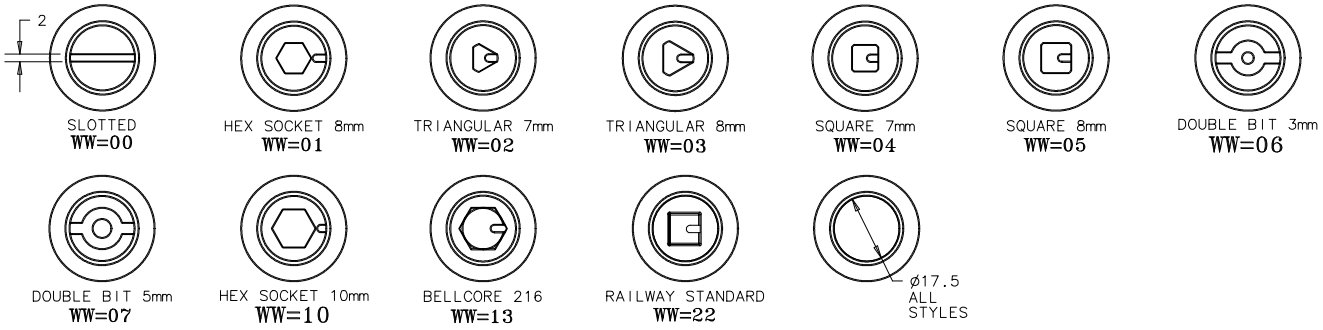
MATERIAL AND FINISH:
24 = 304 STAINLESS STEEL, PASSIVATED
27 = 316 STAINLESS STEEL, PASSIVATED

CAM TYPE (SEE GRIP TABLE)

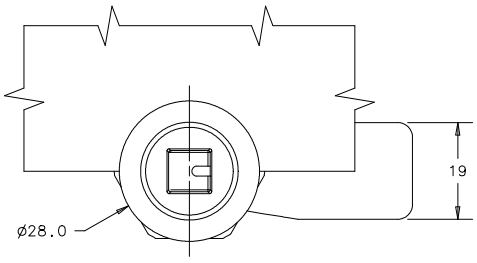
NOTES:

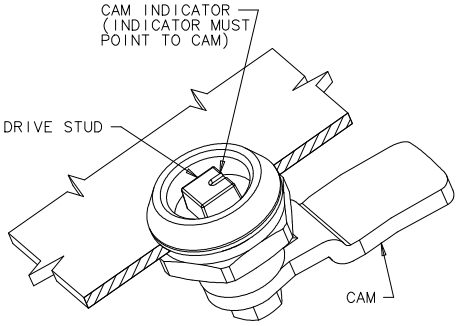
1. SEE SHEET 2 FOR INSTALLATION INSTRUCTIONS.
2. UU CAM TYPE INDICATES THAT CAM IS ORDERED AND SHIPPED SEPARATELY.
3. SEALING WASHER AND MOUNTING NUT INCLUDED WITH ALL TYPES.

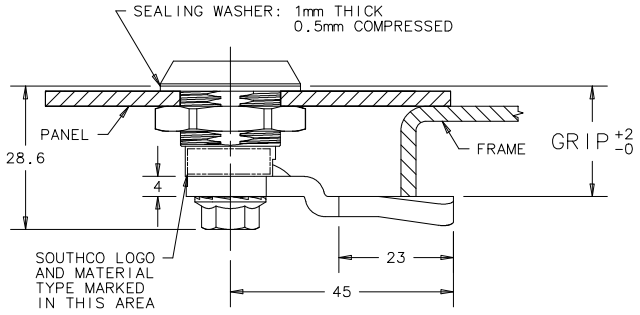
WW ACTUATION STYLE

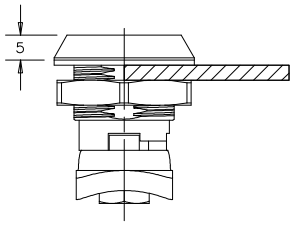


YY CAM TYPE







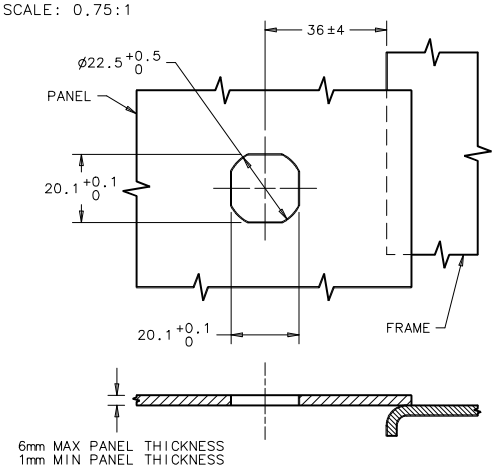


PART NUMBER E5-32-2422-121 SHOWN

YY	GRIP
UU	SEE NOTE 2
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

PANEL PREPARATION

SCALE: 0.75:1



MATERIAL AND FINISH:

HOUSING: 304 AND 316, PASSIVATED
DRIVE STUD: 304 AND 316, PASSIVATED
CAM: 304, PASSIVATED, 316, ELECTROPOLISHED
MOUNTING NUT: 316, PASSIVATED
CAM MOUNTING SCREW: 316, PASSIVATED
INTERNAL SPRING: 302 PASSIVATED
O-RING: NITRILE, BLACK
SEALING WASHER: POLYURETHANE, BLACK

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REV	DATE	DRAWN/CHKD	DESCRIPTION
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B	19NOV2020	CMS/MDW	PRN: P2020-2147

NOTES:

1. SEE SHEET 1 FOR PART NUMBERS, MATERIAL AND FINISH, AND PANEL PREPARATION.

MILLIMETERS

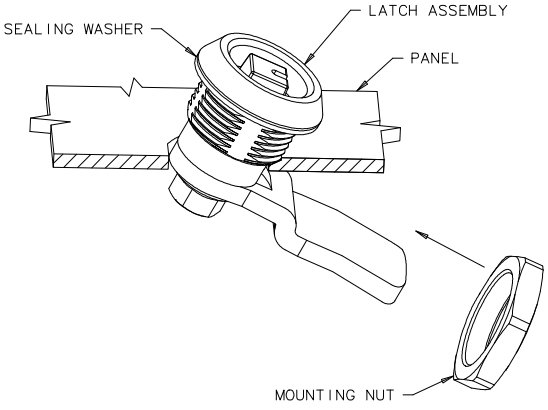
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY

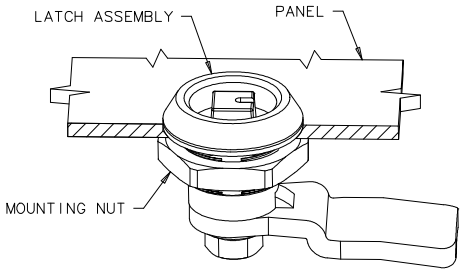
THIRD ANGLE PROJECTION | A3 PAPER SIZE

INSTALLATION METHOD 1

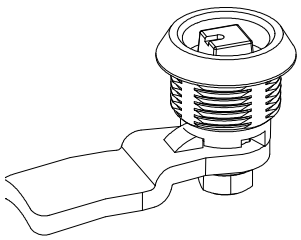
USE WHEN GRIP IS EQUAL TO OR EXCEEDS PANEL THICKNESS BY 9mm.

1. PLACE SEALING WASHER ONTO LATCH HOUSING.
2. TILT LATCH THROUGH MOUNTING HOLE.
3. INSTALL MOUNTING NUT AND TIGHTEN TO 20Nm MAX.

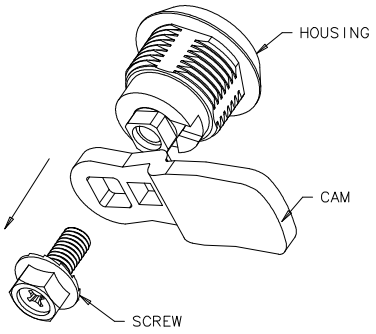
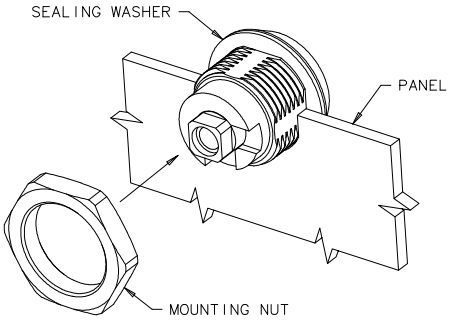
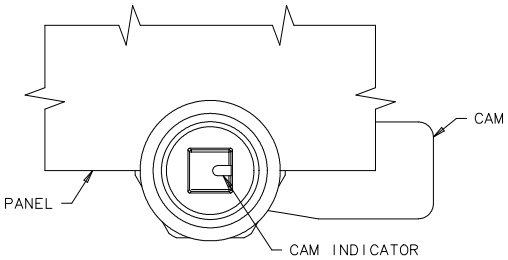
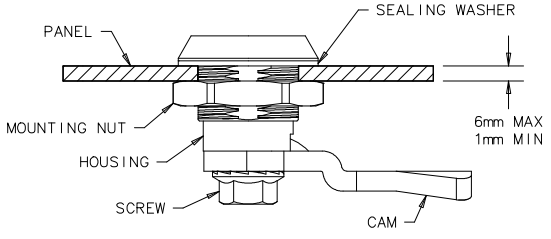




PART NUMBER E5-32-2422-121 SHOWN



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.
3. INSERT HOUSING ASSEMBLY INTO MOUNTING HOLE, ENSURING THAT CAM INDICATOR POINTS TO INTENDED CAM LOCATION.
4. INSTALL MOUNTING NUT AND TIGHTEN TO 20Nm MAX.
5. RE-ATTACH CAM TO HOUSING ASSEMBLY, ENSURING THAT CAM IS ALLIGNED WITH CAM INDICATOR.
6. INSTALL SCREW AND TIGHTEN TO 10Nm MAX.