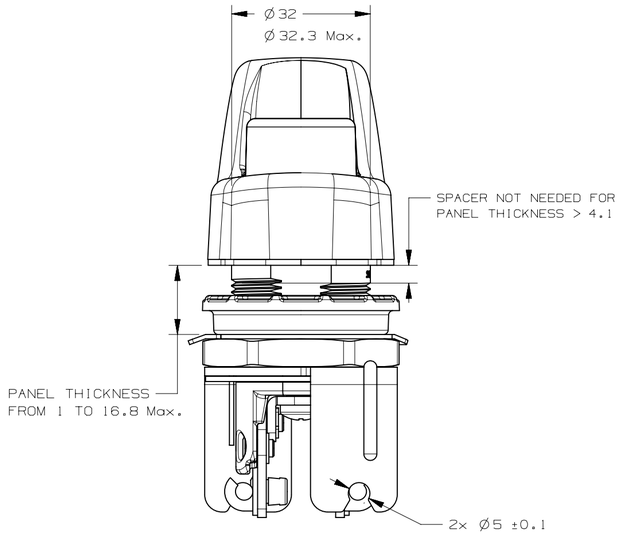
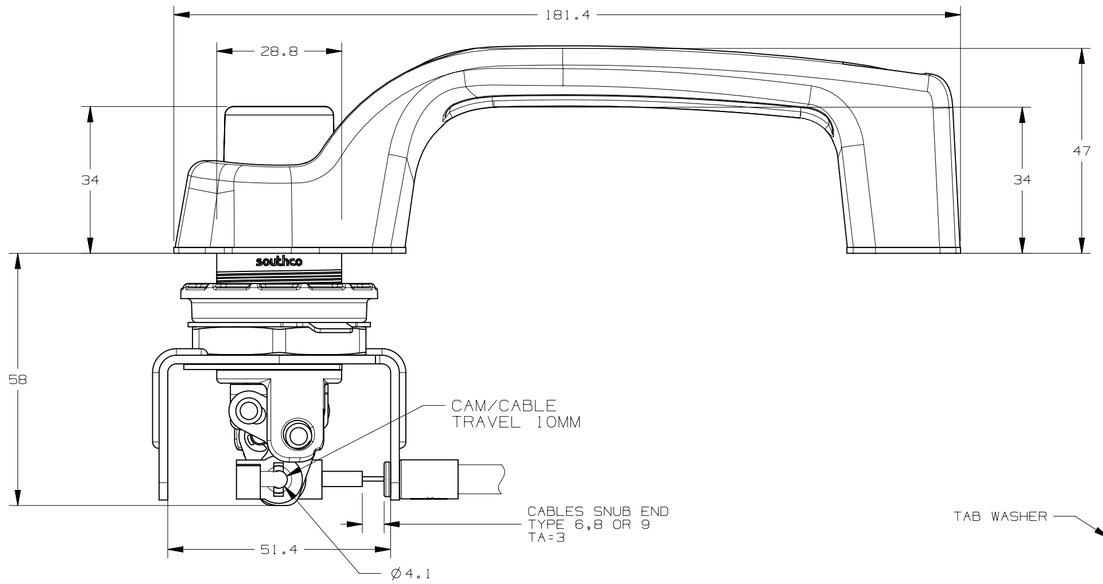
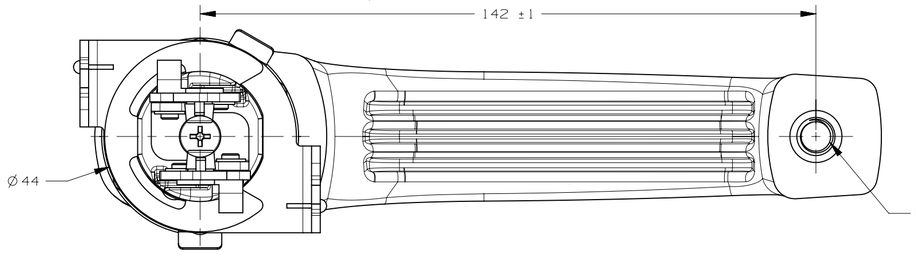
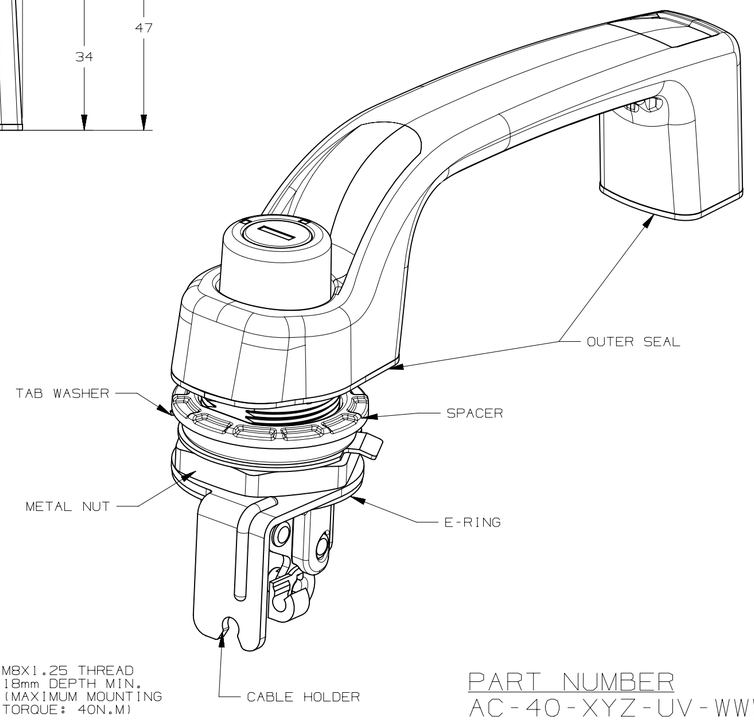
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
O	27MAY2026	SSK/CRM	PRN: P2026-0898

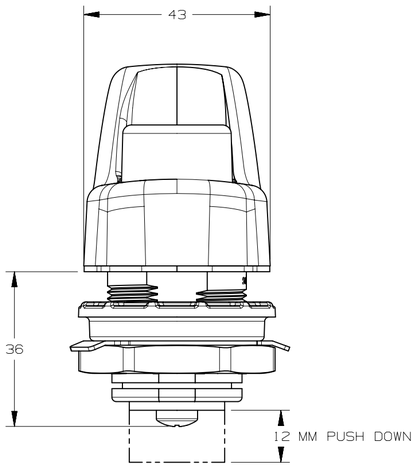


AC-40-1YZ



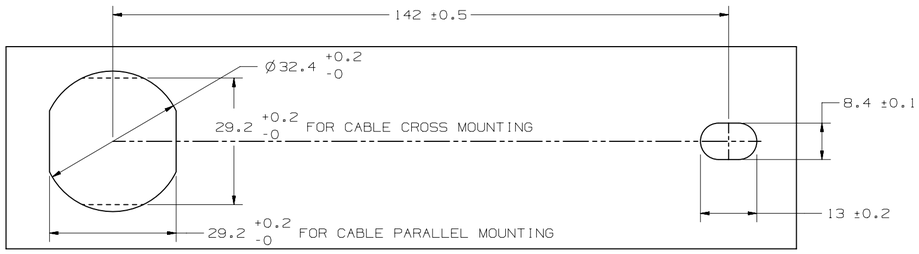






AC-40-3YZ

(WITHOUT CAM ATTACHMENT FOR DIRECT ACTUATION. SAME AS AC-40-1YZ EXCEPT OF NO CABLE HOLDER OR CAM ASSEMBLY)



PANEL PREPARATION
THICKNESS: 1MM TO 16.8MM Max.

NOTE:
A. HOUSING SEAL, SPACER, METAL NUT, CABLE HOLDER WITH E-RING PACKAGE SEPARATELY
B. MATERIAL AND FINISH:
   - BUTTON: REINFORCED NYLON, SEE V;
   - HOUSING: ZINC DIE CAST OR STAINLESS STEEL, SEE U FOR HOUSING MATERIAL AND FINISH
   - LOCK PLUG: ZINC DIE CAST WITH BRIGHT STAINLESS COVER
   - MOUNTING NUT, ROTATION SHAFT: ZINC DIE CAST OR STAINLESS STEEL,
   - PAWL, PAWL WASHER, RIVET: STAINLESS STEEL, PASSIVATED
   - E-RING, SCREW, SPRING: STAINLESS STEEL, PASSIVATED
C. INSTALLATION:
   1. INSERT ACTUATOR HANDLE WITH SEAL INTO HOLE OF DOOR, CHECK FOR PROPER ORIENTATION AND OPERATION
   2. INSTALL SPACER, TAB WASHER, METAL NUT, M8X1.25 SCREW(NOT SUPPLIED, CUSTOMER NEED SELECT APPROPRIATE LENGTH PER PANEL THICKNESS) ONTO HOUSING,
      RECOMMENDED TIGHTENING TORQUE (M32X1.5 NUT):
      FOR STAINLESS STEEL NUT AND HOUSING: 100Nm MAX.
      FOR ZINC ALLOY NUT AND HOUSING: 50Nm MAX.
      RECOMMENDED TIGHTENING TORQUE (M8X1.25): 40NM MAX.
   3. CLIP ONE SIDE OF TAB WASHER TO HOLD METAL NUT, MUST TOUCH WITH THE SIDE WALL OF NUT, MAXIMUM CLEARANCE 1MM.
   4. FOR CABLE/ROD CONNECTION: INSTALL THE CABLE HOLDER AND CLIP WITH E-RING, MOUNTING CABLE ON PAWL WITH HOLDER
D. ASSEMBLY CAN BE CONFIGURED WITH 1 OR 2 CABLES, RECOMMENDED SOUTHCO CABLE TYPE 6,8 OR 9. USE FITTING TYPE B OR K (L FITTING) FOR ACTUATOR END CABLES SOLD SEPARATELY.
   REFER TO CABLE CONFIGURATOR TOOL ON SOUTHCO.COM
E. SEE SHEET 2 FOR CABLE MOUNTING DIRECTION WITH LOCK-UNLOCK ORIENTATION

PART NUMBER
AC-40-XYZ-UV-WWWW
(END STYLE, LOCKING OPTION, MOUNTING METHOD, HANDLE MATERIAL, BUTTON FINISH, KEY CODES)

END STYLE - X:
1-WITH CAM ATTACHMENT
3-WITHOUT CAM ATTACHMENT
(FOR METHODS 1 OR 2 ONLY)

LOCKING OPTION - Y:
0-NON-LOCKING
1-REVERSIBLE KEY (NO KEYS - R001)
2-REVERSIBLE KEY (2 KEYS INCLUDED - R001)
3-REVERSIBLE KEY (MULTIPLE KEY CODES - 2 KEYS INCLUDED-KDXX)
4-STANDARD KEY (NO KEYS - CH751)
5-STANDARD KEY (2 KEYS INCLUDED - CH751)
6-STANDARD KEY (MULTIPLE KEY CODES - 2 KEYS INCLUDED-MKXX)
7-14603 KEY CODE (2 KEYS INCLUDED)
9-WITHOUT LOCK PLUG INSTALLED

MOUNTING METHOD - Z (SEE SHEET 2):
1-CABLE PARALLEL(OR NO CABLE), WITH SPACER MOUNTING - MUST HAVE IF GLASS PANEL
2-CABLE PARALLEL(OR NO CABLE), WITHOUT SPACER MOUNTING
3-CABLE CROSS, WITH SPACER MOUNTING - MUST HAVE IF GLASS PANEL (END STYLE 1 ONLY)
4-CABLE CROSS, WITHOUT SPACER MOUNTING (END STYLE 1 ONLY)

HANDLE MATERIAL - U:
1-BLACK GF NYLON WITH ZINC HOUSING INSERT
2-BLACK GF NYLON WITH STAINLESS STEEL HOUSING INSERT

BUTTON MATERIAL & FINISH - V:
1-NYLON WITH BLACK MOLDING

KEY CODES (ONLY USE WHEN Y=3 OR 6) - WWWW:
KD10-KEYED DIFFERENTLY (10 CODES)
MK10-MASTER KEYED, KEYED DIFFERENTLY, 10 CODES (ONLY USED IF Y= 6)

AC-40-XYZ-UV-WWWW	SEE NOTES	SEE NOTES
PART NUMBER	MATERIAL	FINISH

THIRD ANGLE PROJECTION
MILLIMETERS [IN]
SURFACE AREA
VOLUME
TOLERANCES UNLESS OTHERWISE NOTED
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.
PER ASME Y14.5M-2009

PROPRIETARY ITEM
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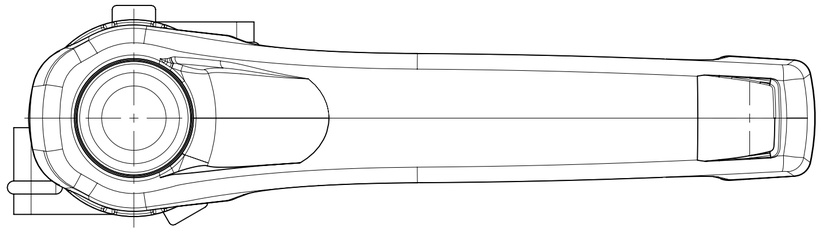
southco®
CONNECT·CREATE·INNOVATE

DESCRIPTION: PUSH BUTTON HANDLE ENTRY ACTUATOR

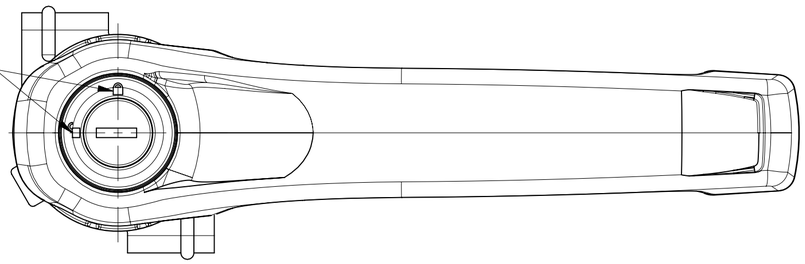
SIZE	SYSTEM	DWG NO.
A2	NX	J-AC-40

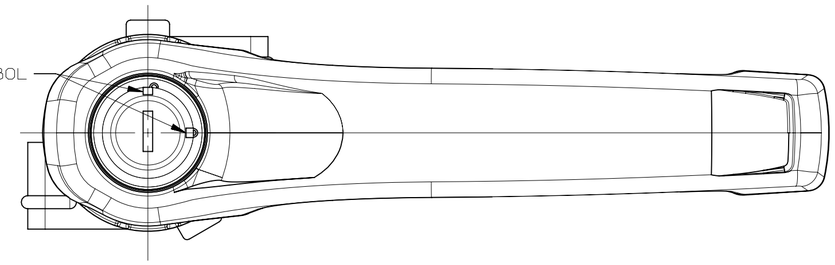
DRAWN BY	DATE	SCALE	SHEET
MZ	10FEB2010	1:1	1 OF 2

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
O	27MAY2026	SSK/CRM	PRN: P2026-0898

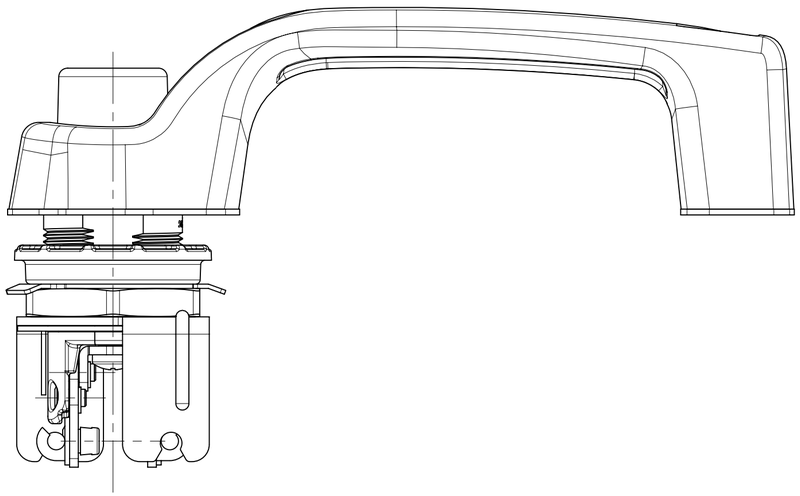


NON-LOCKING VERSION (Y=O)

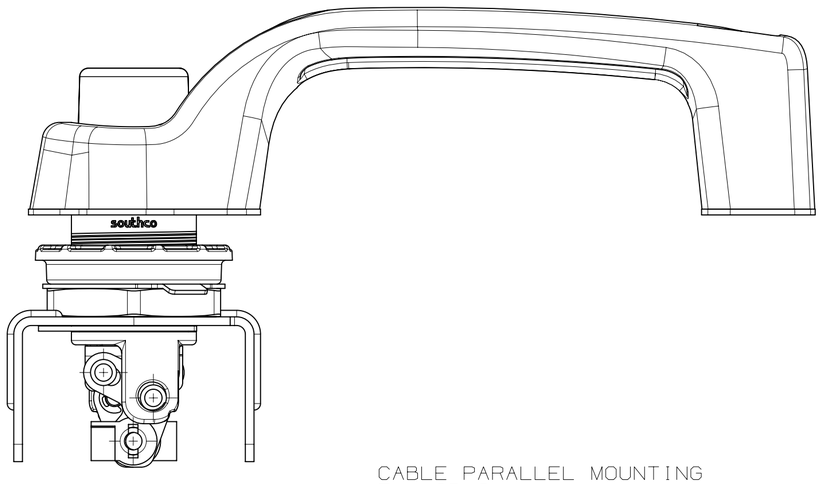




LOCKING VERSION



CABLE CROSS MOUNTING
Z=3 OR 4



CABLE PARALLEL MOUNTING
Z=1 OR 2

	THIRD ANGLE PROJECTION	southco® CONNECT·CREATE·INNOVATE
	MILLIMETERS [IN]	DESCRIPTION: PUSH BUTTON HANDLE ENTRY ACTUATOR
	TOLERANCES UNLESS OTHERWISE NOTED: ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	SIZE: A2 · SYSTEM: NX · DWG NO.: J-AC-40
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-2009	DRAWN BY: MZ · DATE: 25MAY2010 · SCALE: 1:1 · SHEET: 2 OF 2