

DRAWING NUMBER		SCALE		DATE		MATERIAL		FINISH/COLOR		DESCRIPTION	
J-H3-50-101-0		MILLIMETERS		15 MAY 08		STEEL		ZINC PLATE		SWINGHANDLE LATCH, GEARBOX, INDOOR, 25x125 SIZE	
DRAWING CHG		IR		ACH		DNS		FINISH/COLOR		DESCRIPTION	
A3		PAPER SIZE		THIRD ANGLE PROJECTION		SHEET 1 OF 2		PASS IVATED		ZINC PLATE	
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.											

PART NUMBER: H3-50-**A** **LL**-0 **FF**

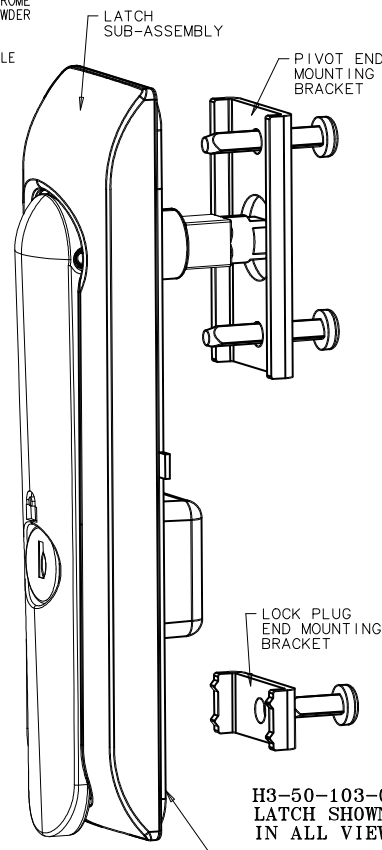
SEE SHEET 2 FOR VIEWS OF DIN AND TOOL ACCESS VERSIONS

- PADLOCK/SERIES:**
- 1 = NO PADLOCK, MULTIPoint, GEARBOX
  - 2 = PADLOCK, MULTIPoint, GEARBOX
  - 3, 4 = ACTUATOR VERSIONS
- LOCKING OPTIONS:**
- 00 = NO LOCK PROVIDED (DIN ONLY)
  - 01 = CH751
  - 02 = 300
  - 03 = 333
  - 04 = NON LOCKING
  - 20 = NON LOCKING DIN WITH DETENT
  - 21 = DIN CH751
  - 22 = DIN 300
  - 23 = DIN 333
  - 24 = DIN, W/O LOCK PLUG
  - 40 = TOOL, 3mm DOUBLE BIT
  - 41 = TOOL, 5mm DOUBLE BIT
  - 42 = TOOL, TELCORDIA 216 (BELL CORE)
  - 43 = TOOL, ELECTRONICS KEY
  - 45 = TOOL, 8mm HEX RECESS
  - 47 = TOOL, 8mm TRIANGLE
  - 70 = DIN TOOL, 3mm DOUBLE BIT
  - 71 = DIN TOOL, 5mm DOUBLE BIT
  - 72 = DIN TOOL, TELCORDIA 216
  - 73 = DIN TOOL, ELECTRONICS KEY
  - 77 = DIN TOOL, 8mm TRIANGLE
  - 78 = DIN TOOL, 7mm SQUARE
- ASSEMBLY FINISH:**
- 44 = SATIN CHROME
  - 50 = BLACK POWDER COAT
- OTHERS AVAILABLE UPON REQUEST
- COVERED IN J-H3-50-301-0 OR J-H3-50-301-1

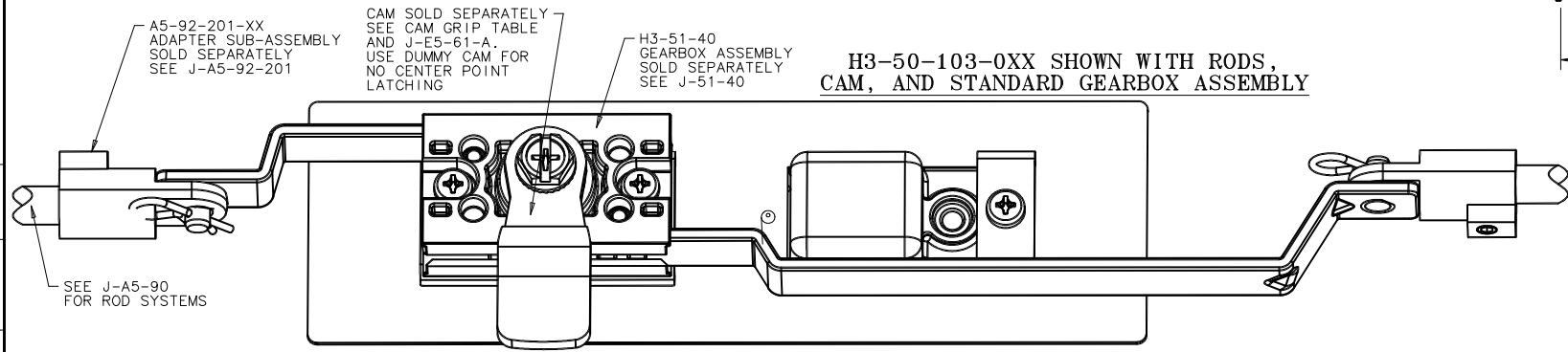
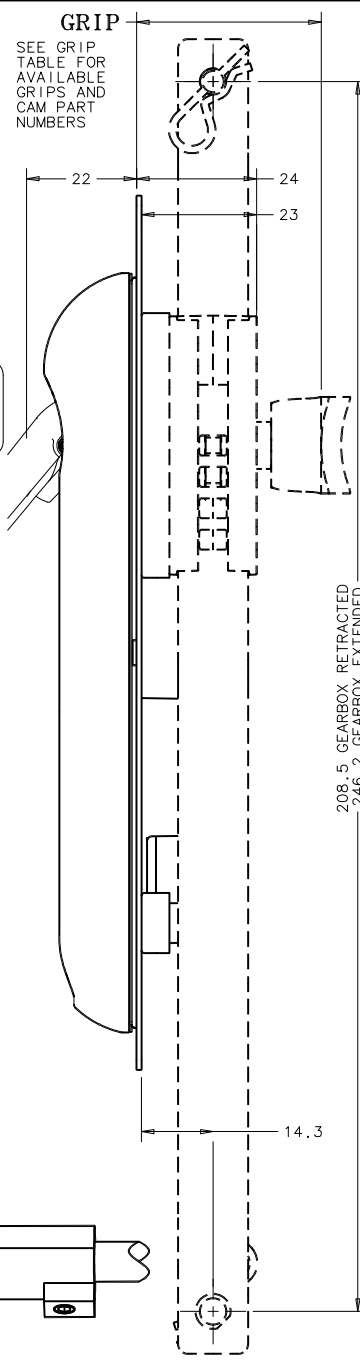
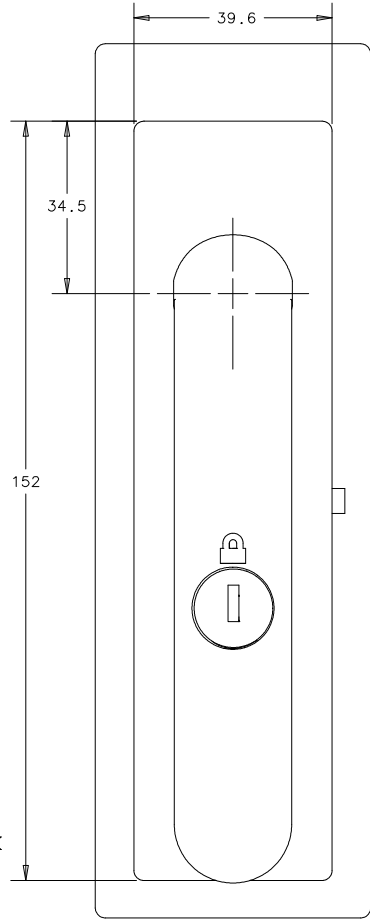
**GRIP TABLE**  
CAM  
PART No. E5-61YY

YY	GRIP	YY	GRIP
09	24.9	16	38.9
10	26.9	17	40.9
11	28.9	18	42.9
12	30.9	19	44.9
13	32.9	20	46.9
14	34.9	21	48.9
15	36.9	22	50.9

SEE J-E5-61-A (FLAT CAM)  
SEE J-E5-71 (ROLLER CAM)

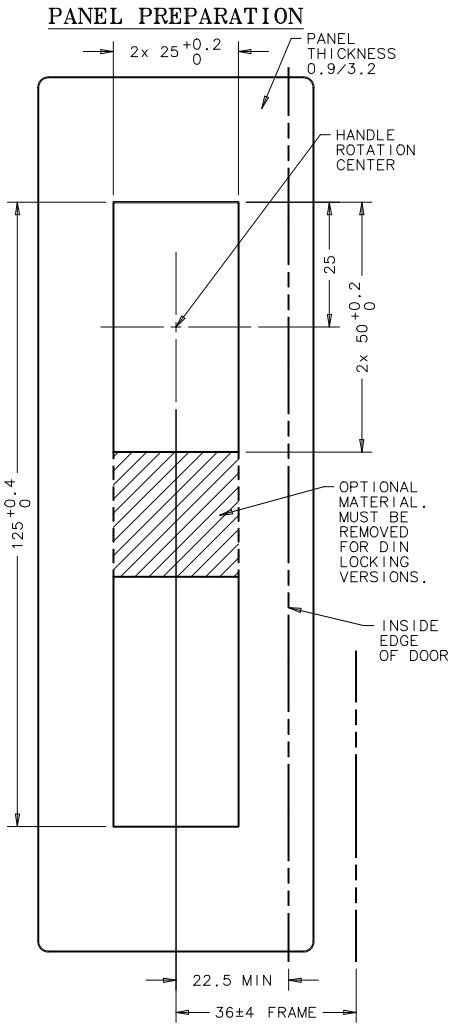
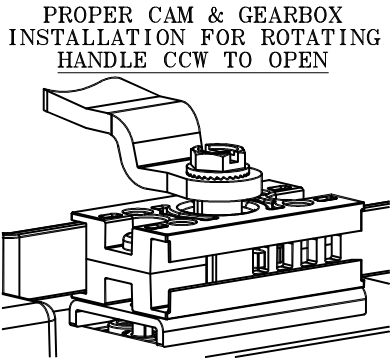


H3-50-103-0XX LATCH SHOWN IN ALL VIEWS



**southco**  
 PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION IS UNCLASSIFIED. HEREON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.

DRAWING NUMBER		SCALE		DATE		MATERIAL		FINISH/COLOR		DESCRIPTION	
J-H3-50-101-0		1:1		15 MAY 08		STEEL		ZINC PLATE		SWINGHANDLE LATCH, GEARBOX, INDOOR, 25x125 SIZE	
MILLIMETERS		IR/ACH/DNS		15 MAY 08		STEEL		ZINC PLATE		SWINGHANDLE LATCH, GEARBOX, INDOOR, 25x125 SIZE	
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.		IR/ACH/DNS		15 MAY 08		STEEL		ZINC PLATE		SWINGHANDLE LATCH, GEARBOX, INDOOR, 25x125 SIZE	
A3 PAPER SIZE		IR/ACH/DNS		15 MAY 08		STEEL		ZINC PLATE		SWINGHANDLE LATCH, GEARBOX, INDOOR, 25x125 SIZE	
THIRD ANGLE PROJECTION		IR/ACH/DNS		15 MAY 08		STEEL		ZINC PLATE		SWINGHANDLE LATCH, GEARBOX, INDOOR, 25x125 SIZE	
SHEET 2 OF 2		IR/ACH/DNS		15 MAY 08		STEEL		ZINC PLATE		SWINGHANDLE LATCH, GEARBOX, INDOOR, 25x125 SIZE	



**NOTES:**

- ALL LATCH COMPONENTS ARE RoHS COMPLIANT.
- LATCH INSTALLATION:
  - PREPARE A BURR FREE PANEL OPENING AS SHOWN.
  - INSTALL LATCH SUB-ASSEMBLY FROM THE FRONT SIDE OF THE PANEL AND HOLD IN PLACE.
  - FROM THE BACK SIDE OF THE PANEL, SLIDE THE PIVOT END MOUNTING BRACKET ONTO THE HANDLE SHAFT.
  - SECURE THE PIVOT END MOUNTING BRACKET IN PLACE WITH TWO OF THE M4x0.7x12 SCREWS PROVIDED. ATTACH THE LOCK PLUG END MOUNTING BRACKET TO THE HOUSING AS SHOWN. MAX MOUNTING BRACKET SCREW TORQUE 1.5 N-m.
  - PLACE THE GEARBOX ASSEMBLY ONTO HANDLE SHAFT. PLEASE NOTE THAT THE GEARBOX ORIENTATION ALSO SETS THE LATCH OPENING DIRECTION. THE DIRECTION CAN BE EASILY CHANGED FROM CW TO OPEN TO CCW TO OPEN BY SIMPLY REMOVING THE GEARBOX AND REINSTALLING WITH THE LONG ARM ON THE OPPOSITE DIRECTION FROM WHAT IS SHOWN. SECURE THE GEARBOX IN PLACE WITH THE TWO M4x0.7x25 SCREWS PROVIDED. MAX SCREW TORQUE 1.5 N-m.
  - PLACE CAM ONTO HANDLE SHAFT. SECURE CAM TO SHAFT USING M6x1x12 SCREW. MAX SCREW TORQUE 2.0 N-m.
  - CYCLE THE LATCH FROM OPEN TO CLOSE TO MAKE SURE EVERYTHING MOVES FREELY.
  - FOR TWO POINT LATCHING (NO CENTER LATCHING), A 'DUMMY CAM' MUST BE USED TO MAINTAIN PROPER ASSEMBLY SPACING. IN SOUTHCO COSMETIC SPECIFICATIONS:
    - S-121-01 FOR CHROME PLATING
    - S-121-02 FOR ZINC PLATING
    - S-121-03 FOR POWDER COATING
    - S-121-05 FOR STAINLESS STEEL PARTS
- COSMETIC SPECIFICATION: ALL POWDERCOATED OR CHROME PLATED SURFACES, UNLESS OTHERWISE NOTED, ARE TO CONFORM TO A CLASS "B" DESIGNATION. ALL OTHER SURFACES, UNLESS OTHERWISE NOTED, ARE TO CONFORM TO A CLASS "C" DESIGNATION AS DESCRIBED IN SOUTHCO COSMETIC SPECIFICATIONS:

