

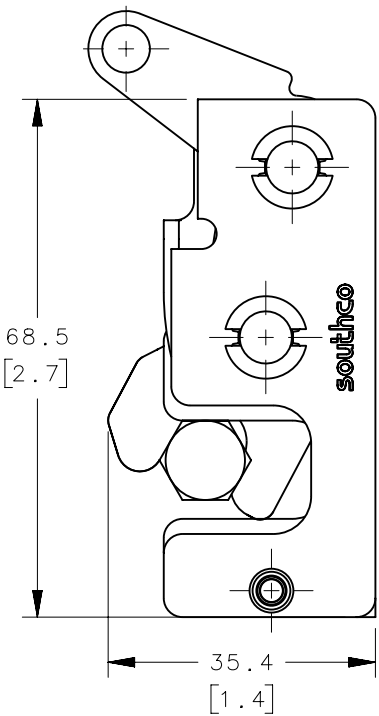
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	20DEC2024	SAK/DMS	PRN:P2024-2159

R4-10-SI-60B-M

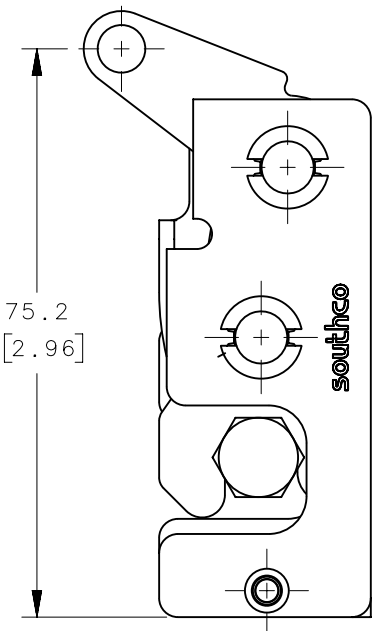
- M MATERIAL**
- 10 STEEL, ZINC PLATED
77 STEEL, ZINC NICKEL PLATED
- B BASE STYLE**
- 1 STANDARD
5 INTEGRATED BUMPER

- S STAGE & ACTUATION**
- 1 SINGLE STAGE, RIGHT HAND
2 SINGLE STAGE, LEFT HAND
3 TWO STAGE, RIGHT HAND
4 TWO STAGE, LEFT HAND

- I MOUNTING STYLE**
- 0 Ø7.2 [.283] THRU
1 1/4-20 THREAD
2 M6 X 1 THREAD

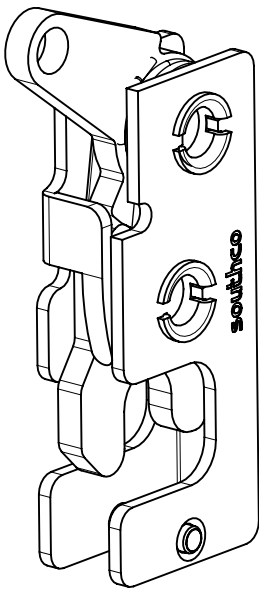


SECONDARY STAGE
FOR TWO STAGE
LATCHES ONLY

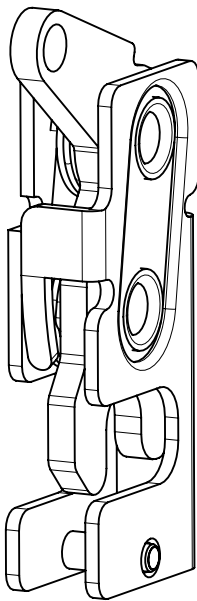


PRIMARY STAGE
FOR SINGLE AND
TWO STAGE LATCHES

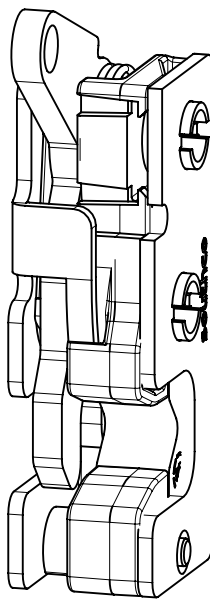
RIGHT HAND,
STANDARD



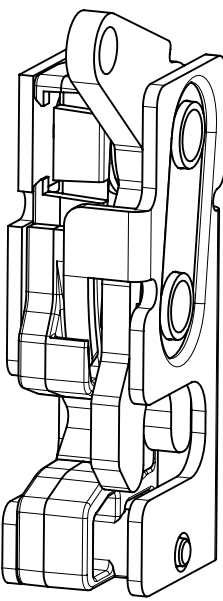
LEFT HAND,
STANDARD



RIGHT HAND,
INTEGRATED BUMPER

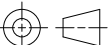


LEFT HAND,
INTEGRATED BUMPER



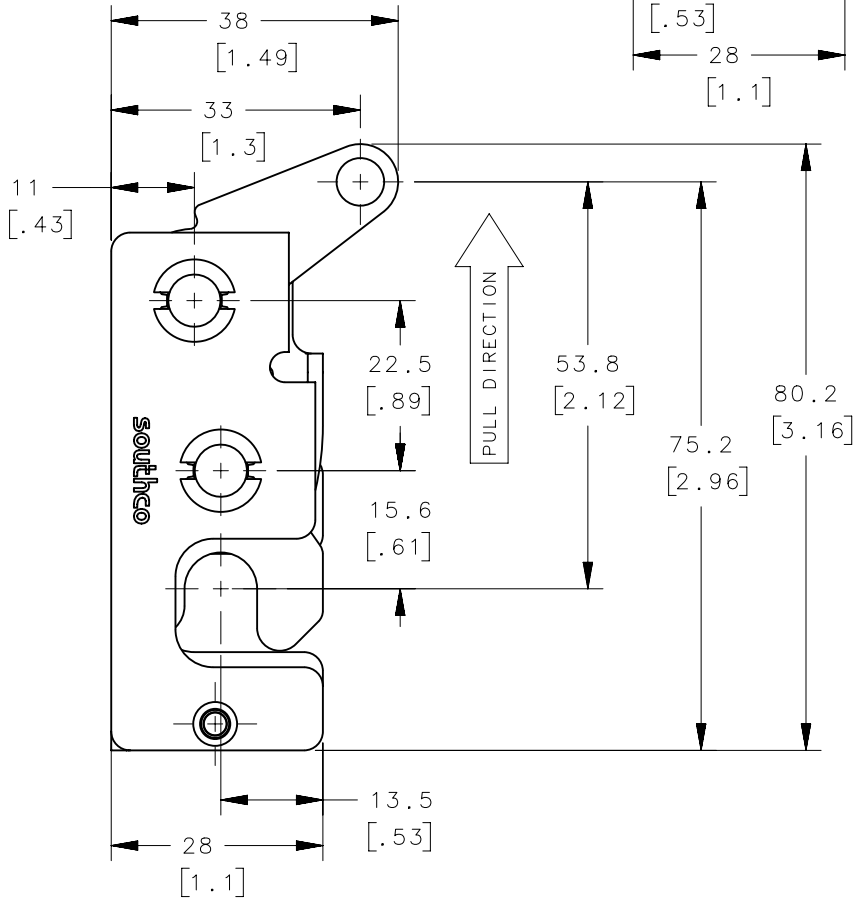
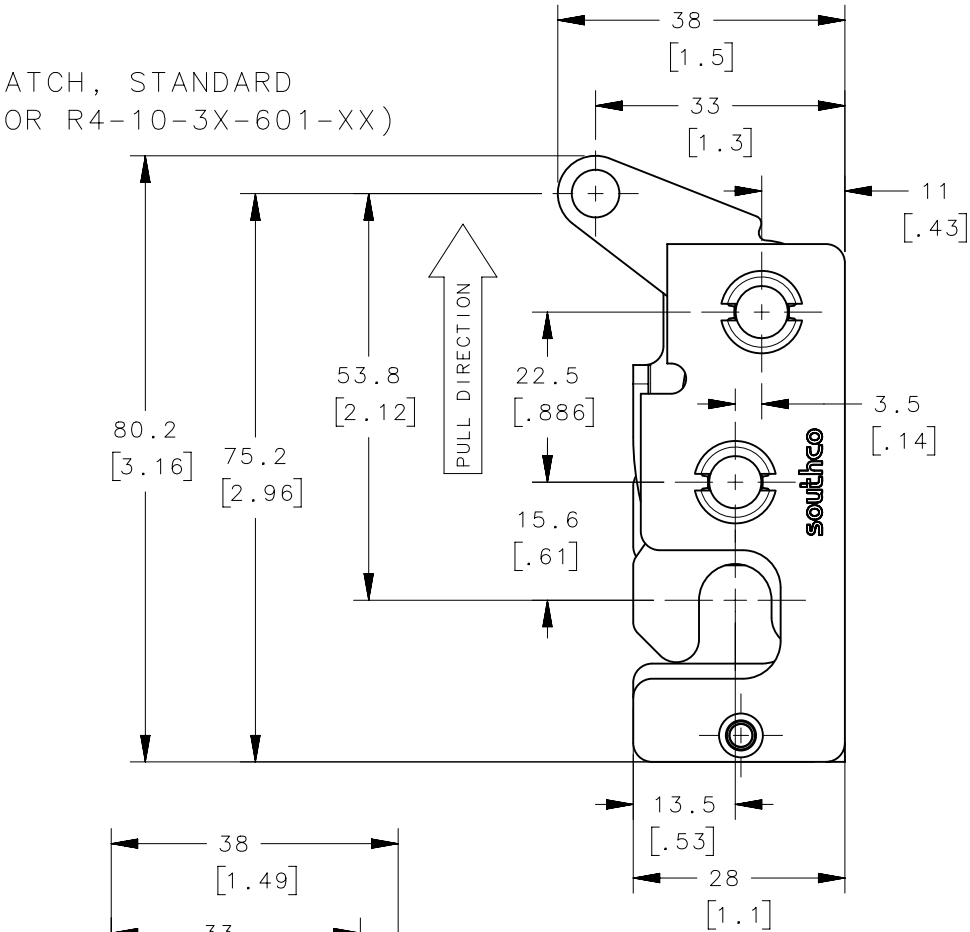
NOTES:

- A. MATERIAL AND FINISH:
- HOUSING, LEVER, PAWL, TRIGGER AND PINS: MATERIAL - STEEL
 - 10 ZINC PLATED, BRIGHT CHROMATE
 - 77 ZINC NICKEL, BRIGHT CHROMATE
 - SPRING: STAINLESS STEEL, PASSIVATED
- B. INTEGRATED BUMPER MATERIAL:
- GUIDE - DELRIN, BLACK
 - STOP BLOCK - EPDM, DURO 60, SHORE A

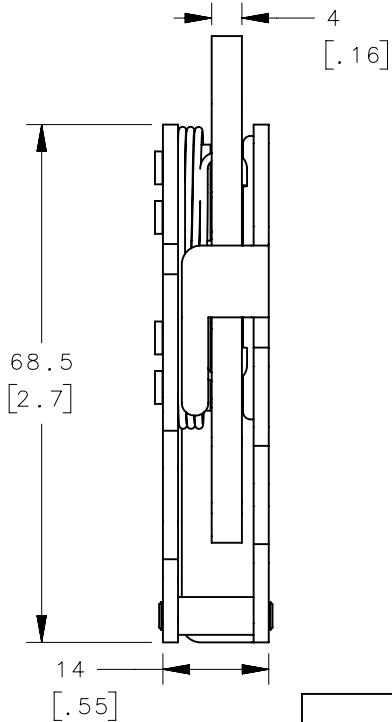
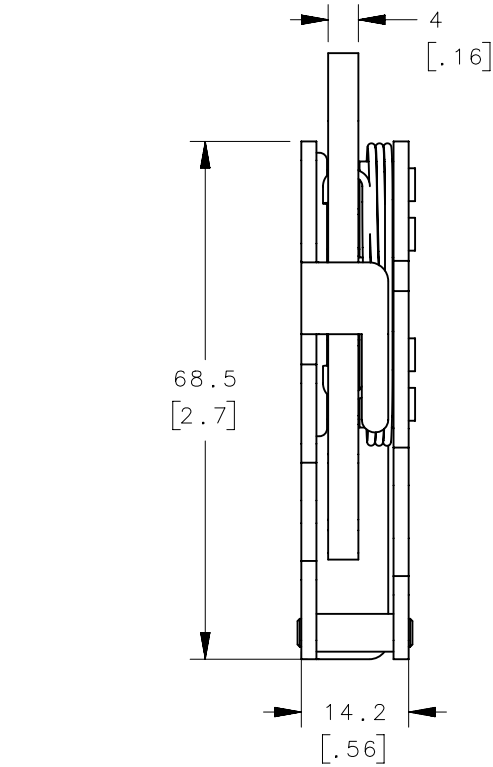
	THIRD ANGLE PROJECTION					southco [®] CONNECT • CREATE • INNOVATE				
	MILLIMETERS [IN]									
	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION								
	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	R4 ROTARY LATCH TOP TRIGGER								
PROPRIETARY ITEM		SIZE B	SYSTEM NX		DWG NO. J-R4-10-601					
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 SAK/DMS		DATE 20DEC2024		SCALE 1:1		SHEET 1 OF 4		

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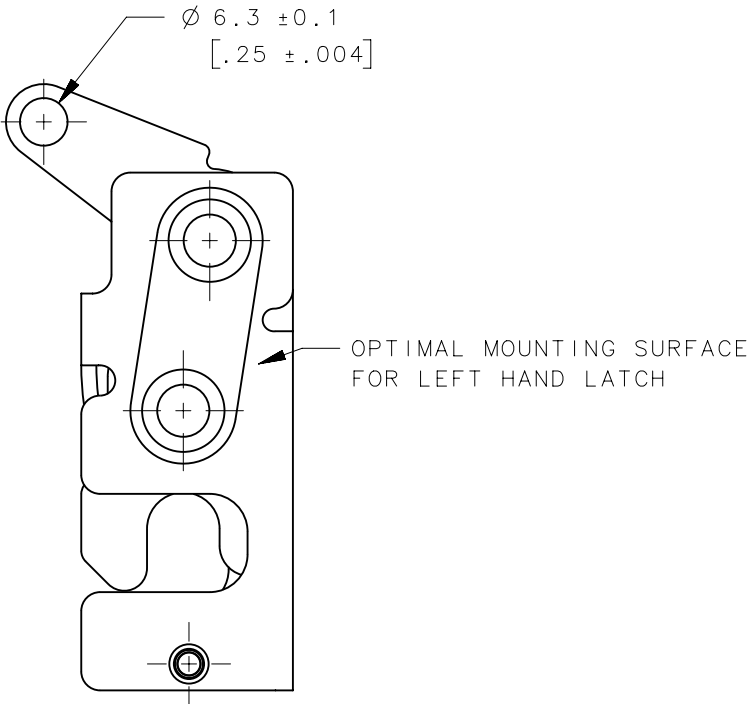
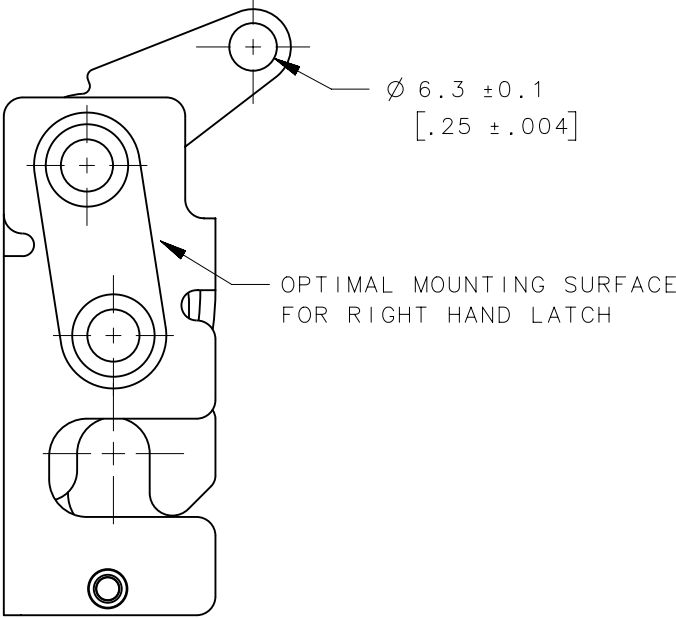
RIGHT HAND LATCH, STANDARD
(R4-10-1X-601-XX OR R4-10-3X-601-XX)



LEFT HAND LATCH, STANDARD
(R4-10-2X-601-XX OR R4-10-4X-601-XX)

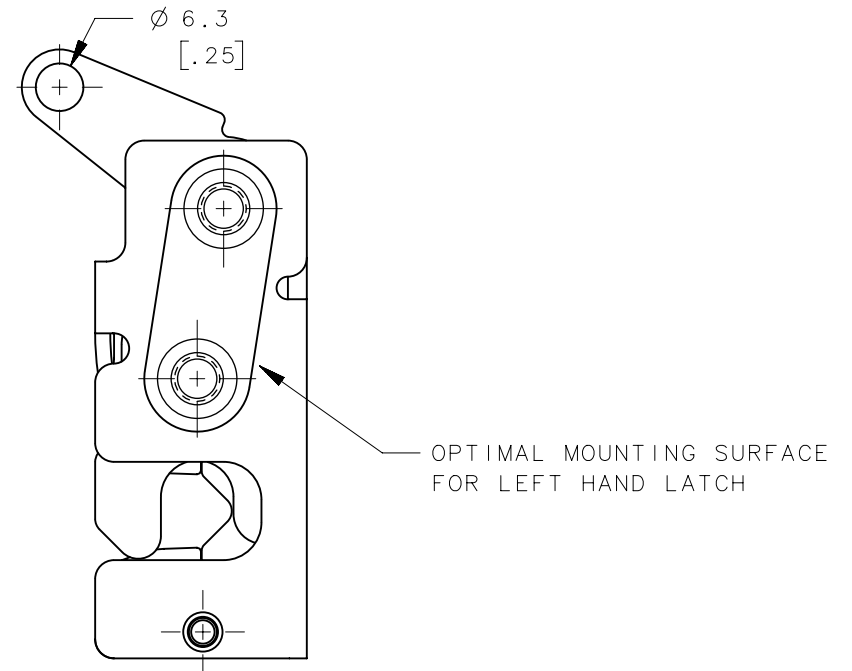
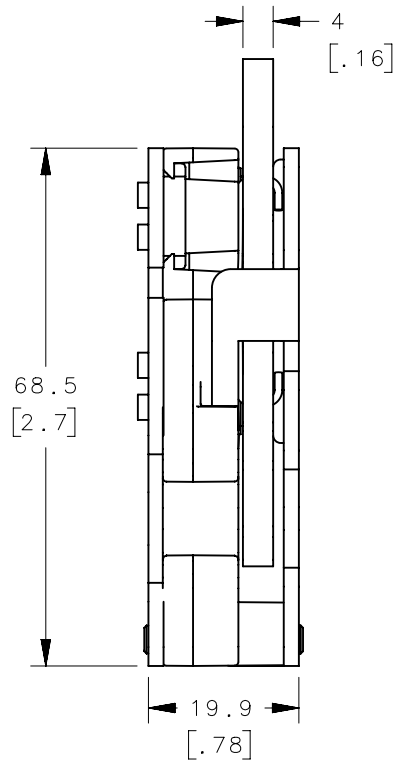
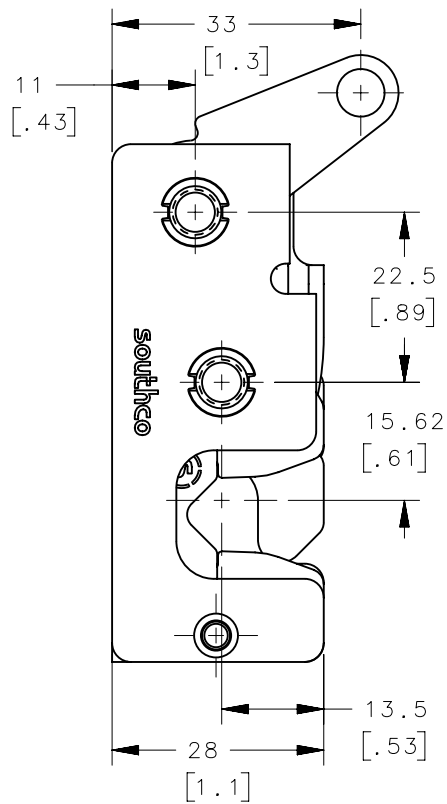
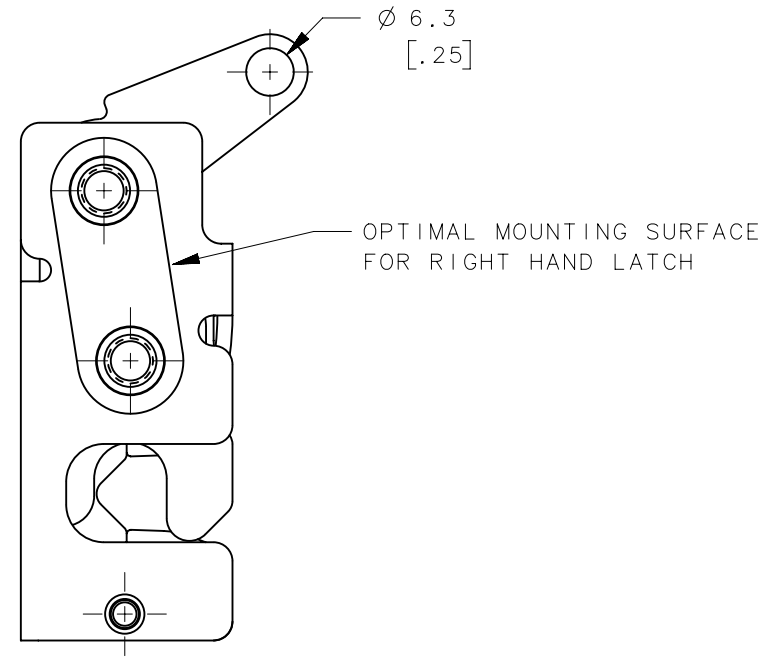
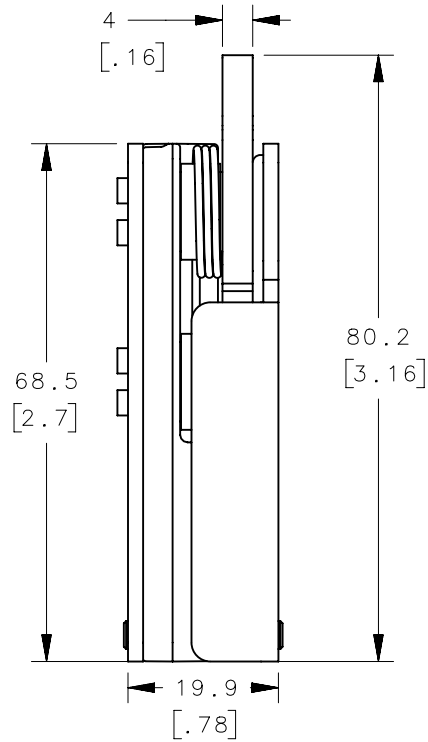
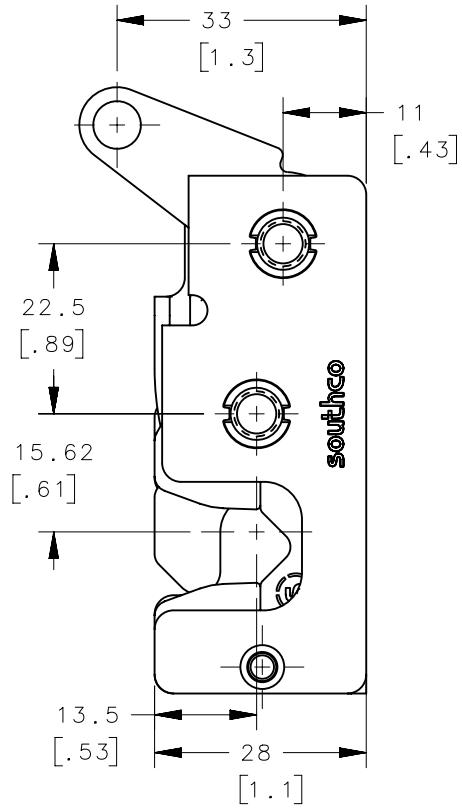


REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
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THIRD ANGLE PROJECTION	MILLIMETERS [IN]		DESCRIPTION	
	TOLERANCES UNLESS OTHERWISE NOTED		R4 ROTARY LATCH TOP TRIGGER	
	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.		J-R4-10-601	
PROPRIETARY ITEM EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.	SIZE	SYSTEM	DWG NO.	
	B	NX	J-R4-10-601	
PER ASME Y14.5M-2009		DRAWN BY	DATE	SCALE
		SAK/DMS	20DEC2024	1:1
		SHEET		2 OF 4

RIGHT HAND LATCH, INTEGRATED BUMPER
(R4-10-1X-605-XX OR R4-10-3X-605-XX)



LEFT HAND LATCH, INTEGRATED BUMPER
(R4-10-2X-605-XX OR R4-10-4X-605-XX)

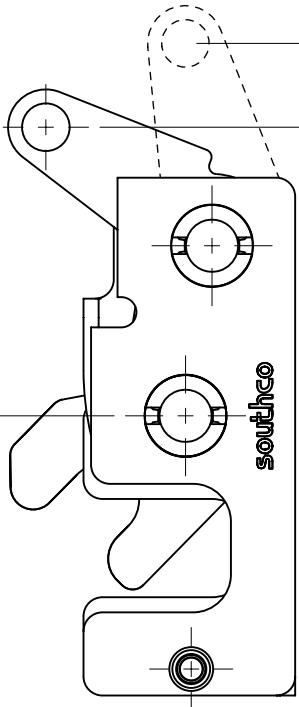
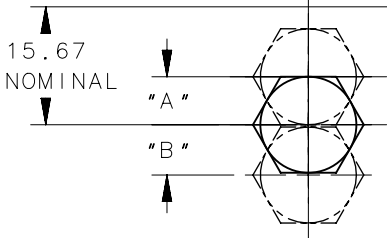
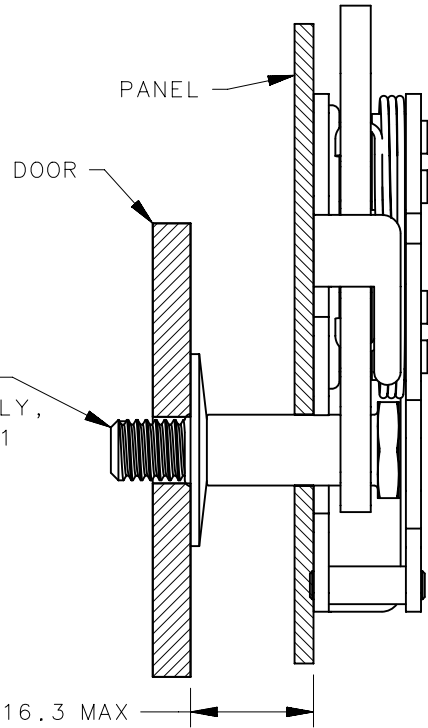
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	20DEC2024	SAK/DMS	PRN:P2024-2159

THIRD ANGLE PROJECTION								
	MILLIMETERS [IN]				DESCRIPTION			
	TOLERANCES UNLESS OTHERWISE NOTED				R4 ROTARY LATCH TOP TRIGGER			
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.	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.				SIZE B	SYSTEM NX	DWG NO. J-R4-10-601	
	PER ASME Y14.5M-2009				DRAWN BY SAK/DMS	DATE 20DEC2024	SCALE 1:1	SHEET 3 OF 4

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	30DEC2024	SAK/DMS	PRN:P2024-2159

SHOWING STANDARD
RIGHT HAND LATCH

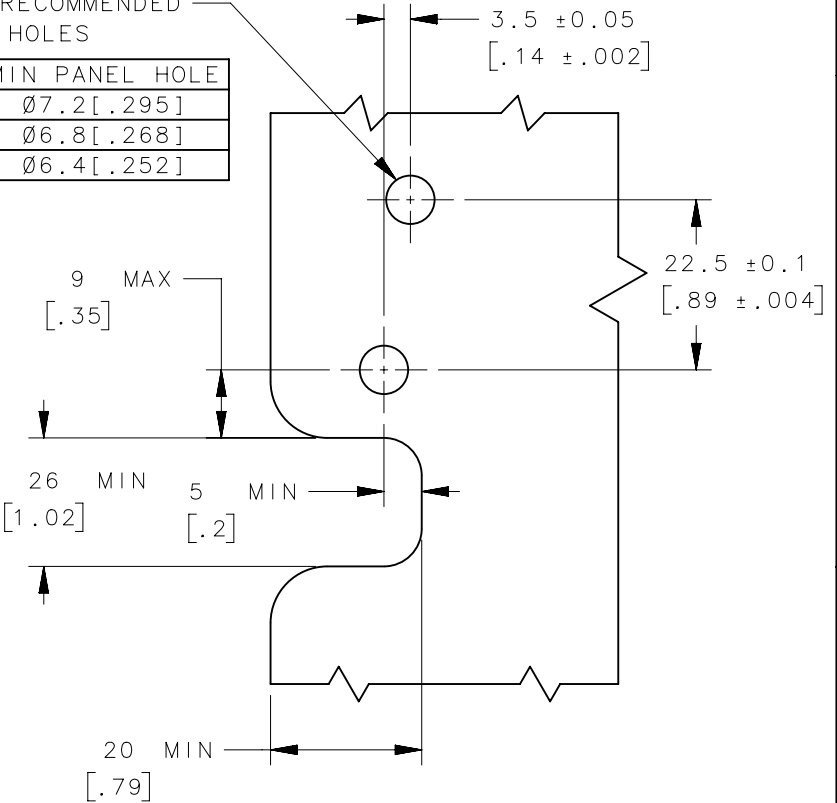
STRIKER BOLT
(SOLD SEPARATELY,
SEE J-R4-90-121
FOR DETAILS)



AMOUNT OF TRIGGER TRAVEL
1.5 MIN
[0.06]
10 MAX
[0.39]
SEE NOTE C

2X MINIMUM RECOMMENDED
PANEL HOLES

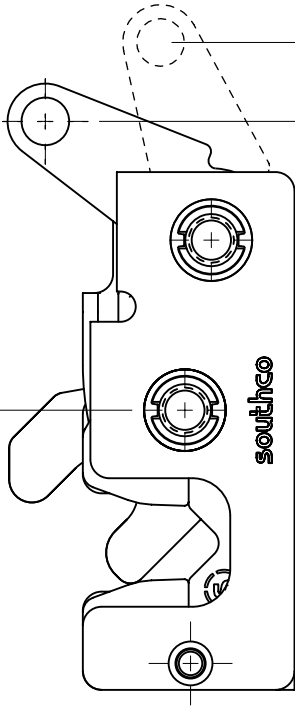
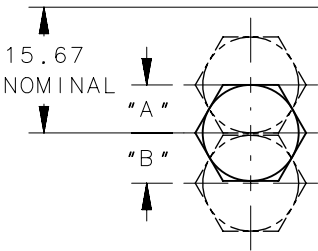
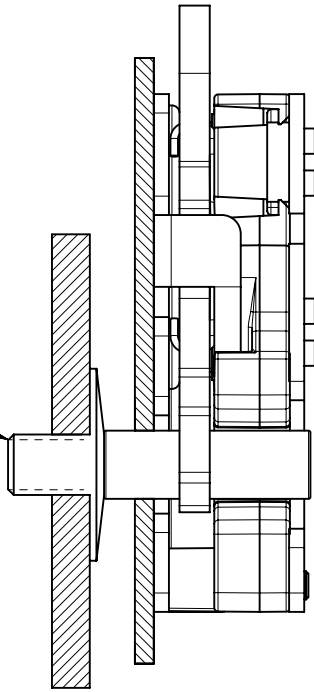
MOUNTING STYLE	MIN PANEL HOLE
0	Ø7.2 [.295]
1	Ø6.8 [.268]
2	Ø6.4 [.252]



PANEL PREP FOR STANDARD LATCH
AND LATCH WITH INTEGRATED BUMPER

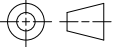
SHOWING RIGHT HAND LATCH
WITH INTEGRATED BUMPER

STRIKER BOLT
(SOLD SEPARATELY,
SEE J-R4-90-124
FOR DETAILS)



AMOUNT OF TRIGGER TRAVEL
1.5 MIN
[0.06]
10 MAX
[0.39]
SEE NOTE C

- NOTES:
- C: MINIMUM TRIGGER TRAVEL TO RELEASE THE LATCH OF 1.5mm [.06]
TRIGGER TRAVEL MINIMUM TO HARD STOP OF 10mm [.394]
- D. THESE VIEWS SHOW THE MAXIMUM STRIKER MISALIGNMENT ACCEPTED BY THE LATCH FROM NOMINAL STRIKER POSITION. THEY ASSUME THE STRIKER CENTERLINE IS PERFECTLY PERPENDICULAR TO THE LATCH MOUNTING SURFACE. STRIKER MISALIGNMENT COULD BE FROM MANUFACTURING TOLERANCES OR FROM NON RIGID DOOR SYSTEMS AND THIS REPRESENTS THE MAXIMUM OF BOTH COMBINED.
- E. INTEGRATED BUMPER LATCH MUST USE R4-90-124-XX.

NON-RIGID DOOR		3.7	8.1	5.7	6.3
RIGID DOOR		0	3.6	0.3	0.3
		"A "	"B "	"A "	"B "
		STANDARD		INTEGRATED BUMPER	
CPB NUMBER	-	THIRD ANGLE PROJECTION	 southco® CONNECT • CREATE • INNOVATE R4 ROTARY LATCH TOP TRIGGER		
		MILLIMETERS [IN]			
		TOLERANCES UNLESS OTHERWISE NOTED			
		ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.			
		PER ASME Y14.5M-2009			
PROPRIETARY ITEM		SIZE B	SYSTEM NX	DWG NO. J-R4-10-601	
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R4 ROTARY LATCH
TOP TRIGGER

DWG NO.
J-R4-10-601