

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
K	16JUN2017	PTG/MJS	PRN: P2017-1353

D

C

B

A



D

C

B

A



6 MAX. OUTER PANEL THICKNESS

GRIP RANGE (SEE TABLE)

PAWL FORWARD

PAWL REVERSED

SLEEVE
LONG PIN
HANDLE

57
55

(NOTE C)

SHAFT

PAWL RETAINING CLIP

LOCKWASHER

JAM NUT

MOUNTING NUT
SEE (NOTE E)

MOUNTING
LOCKWASHER

5 PULL- UP
STROKE

FRAME FOR TOP LATCHING

DOOR OR PANEL

Ø 16.3 +0.1
-0

23 +2
-1 PAWL FORWARD

28 +2
-1 PAWL REVERSED

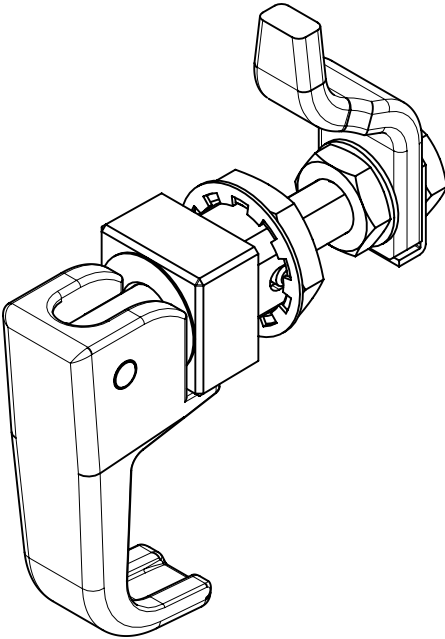
13.7 +0.1
-0

23 +2
-1 PAWL FORWARD

28 +2
-1 PAWL REVERSE

FRAME FOR SIDE LATCHING

PANEL PREPARATION



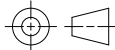
NOTES:

- A. THREAD SIZE OF SLEEVE IS 5/8-24 AND THE SHAFT IS M8.
- B. ASSEMBLE AS SHOWN AND ROTATE PAWL TO THE DESIRED LATCHING POSITION.
- C. PAWL SHOULD BE ADJUSTED TO GRIP MEASUREMENT WITH THE DOOR OPEN AND THE HANDLE IN THE LATCHED POSTION. USE TWO WRENCHES TO TIGHTEN. INSTALLATION TORQUE 8.5 N-m (75 lbf-in) MAX.
- D. MATERIAL AND FINISH:
HANDLE AND SLEEVE: DIE CAST ZINC, SEE TABLE FOR FINISH.
GROOVE PIN: 303 STAINLESS STEEL, NATURAL OR BLACK ORGANIC COATING.
SPRING: 302 STAINLESS STEEL, PASSIVATED.
SHAFT: LOW CARBON STEEL, ZINC PLATE PLUS SEALER OR SEALER OR WITH BLACK CHROMATE CONVERSION.
PAWL POSITIONING PIN: 1213 STEEL, ZINC PLATE PLUS SEALER OR WITH BLACK ORGANIC COATING.
PAWL AND PAWL RETAINING CLIP: 1010 STEEL, ZINC PLATE, PLUS SEALER
LOCKWASHERS: SPRING STEEL, ZINC PLATE PLUS SEALER
JAM NUTS: LOW CARBON STEEL, ZINC PLATE, CHROMATE PLUS SEALER.
MOUNTING NUTS: DIE CAST ZINC, ZINC PLATE, CROMATE PLUS SEALER.
BUSHING: 304 STAINLESS STEEL, PASSIVATED OR ZINC PLATE WITH BLACK CHROMATE CONVERSION.
PIN: 303 STAINLESS STEEL, PASSIVATED OR ZINC PLATE WITH BLACK CROMATE CONVERSION.
- E. MOUNTING NUT INSTALLATION TORQUE:
FOR OUTER PANEL THICKNESS UP TO 4.75mm: 7.3 N-m (65 lbf-in) MAX.
FOR OUTER PANEL THICKNESS 4.76mm TO 6mm 4.5 N-m (40 lbf-in) MAX.

GRIP		ASSEMBLY PART NUMBER TABLE				
MIN	MAX	POLISHED CHROME	BRUSHED CHROME	NATURAL WITH CHEMICAL PROTECTIVE FILM	BLACK POWDER COATED	SATIN SILVER POLYESTER POWDER COATED
2	12	62-10-21	62-10-22	62-10-23	62-10-25	62-10-27
12	22	62-10-31	62-10-32	62-10-33	62-10-35	62-10-37
22	32	62-10-31	62-10-32	62-10-33	62-10-35	62-10-37
32	42	62-10-21	62-10-22	62-10-23	62-10-25	62-10-27
42	52	62-10-11	62-10-12	62-10-13	62-10-15	62-10-17

NOTE: FOR HANDLES WITHOUT LETTERING, ADD -1 TO THE END OF THE PART NUMBER.
EXAMPLE: (62-10-21-1)

FOR LAYER PACKAGED HANDLES, ADD A -3 TO THE END OF THE PART NUMBER.
EXAMPLE: (62-10-21-3)

62-10-XX-Y							
PART NUMBER							
		THIRD ANGLE PROJECTION		<div>southco®</div> <div>CONNECT • CREATE • INNOVATE</div>			
		MILLIMETERS [IN]					
		TOLERANCES UNLESS OTHERWISE NOTED					
SURFACE AREA	mm ²	UP TO 0.5 ±0.1		DESCRIPTION No. 62-10 SERIES LATCH ASSEMBLY			
VOLUME	mm ³	OVER 0.5 UP TO 6 ±0.2					
		OVER 6 UP TO 30 ±0.4					
		OVER 30 ±0.6					
PROPRIETARY ITEM		ANGLES ±5°		SIZE A3	SYSTEM NX	DWG NO. J-62-10	
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-1994		DRAWN BY JSS	DATE 31OCT1992	SCALE 1:1	SHEET 1 OF 1

6

5

4

3

2

1