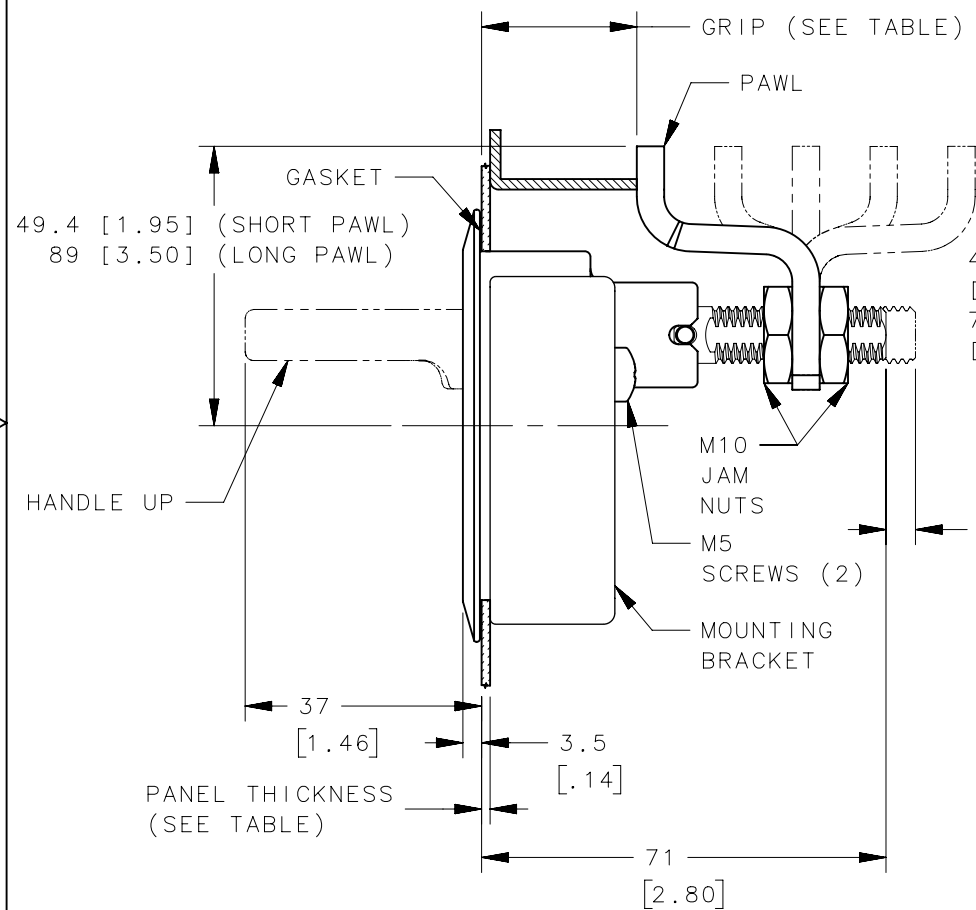


D	DOOR THICKNESS	G GRIP		SHORT REACH PART NUMBER	LONG REACH PART NUMBER
		MIN	MAX		
1	2 TO 12 [.075 TO .475]	23.5 [.93]*	35 [1.38]	M1-25-L1-5F	M1-25-L1-8F
		34 [1.34]	48 [1.89]	M1-25-L1-4F	M1-25-L1-7F
		47 [1.85]	61 [2.40]	M1-25-L1-3F	M1-25-L1-6F
		60 [2.36]	75 [2.95]	M1-25-L1-4F	M1-25-L1-7F
		74 [2.91]	88 [3.47]	M1-25-L1-5F	M1-25-L1-8F
2	12 TO 22.5 [.475 TO .885]	23.5 [.93]*	35 [1.38]	M1-25-L2-5F	M1-25-L2-8F
		34 [1.34]	48 [1.89]	M1-25-L2-4F	M1-25-L2-7F
		47 [1.85]	61 [2.40]	M1-25-L2-3F	M1-25-L2-6F
		60 [2.36]	75 [2.95]	M1-25-L2-4F	M1-25-L2-7F
		74 [2.91]	88 [3.47]	M1-25-L2-5F	M1-25-L2-8F
3	18.5 TO 29 [.73 TO 1.14]	22.5 [.89]*	35 [1.38]	M1-25-L3-5F	M1-25-L3-8F
		34 [1.34]	48 [1.89]	M1-25-L3-4F	M1-25-L3-7F
		47 [1.85]	61 [2.40]	M1-25-L3-3F	M1-25-L3-6F
		60 [2.36]	75 [2.95]	M1-25-L3-4F	M1-25-L3-7F
		74 [2.91]	88 [3.47]	M1-25-L3-5F	M1-25-L3-8F

* SEE NOTE 1



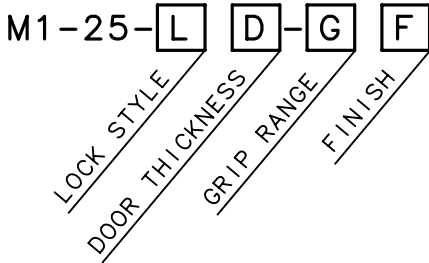
40±1.5 (SHORT PAWL)
[1.57±.06]
75±5 (LONG PAWL)
[2.95±.2]

5.1 [.20]
PULL UP

ALTERNATE PANEL PREP
FOR KEYED INSTALLATION
MAX CORNER RADII 3.2 [.13]

PANEL PREPARATION

STANDARD PART NUMBER



NOTES:

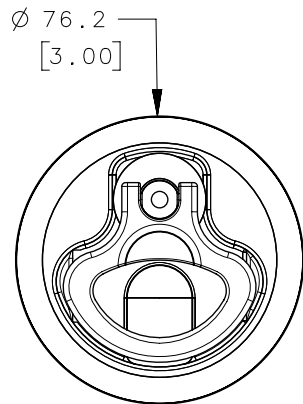
1. GRIPS UNDER 33.5 [1.32] (30 [1.18] FOR LONG PAWL) ARE AFFECTED BY PANEL THICKNESS. USE THE FOLLOWING CHART TO DETERMINE YOUR MINIMUM GRIP BY ADDING THE OFFSET VALUE TO YOUR PANEL THICKNESS.

PART NUMBER	OFFSET VALUE
M1-25-L1-5F	21.5 [.85]
M1-25-L2-5F	11.5 [.45]
M1-25-L3-5F	4 [.12]
M1-25-L1-8F	18 [.71]
M1-25-L2-8F	8 [.32]
M1-25-L3-8F	0.5 [.02]

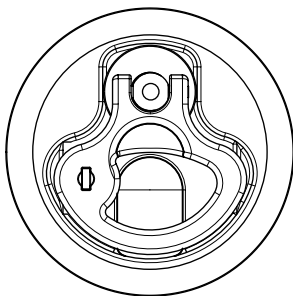
2. FOR LONG PAWL ASSEMBLIES WHERE ONLY A 90° TURN IS DESIRED, A MINIMUM GRIP OF 22 CAN BE OBTAINED FOR ALL PANEL THICKNESSES.
3. F = 6 - STAINLESS STEEL, BLACK PVD
= 7 - STAINLESS STEEL, GOLD PVD
= 8 - STAINLESS STEEL, ELECTROPOLISHED
4. L = 3 - NON LOCKING
= 8 - LOCKING
= 9 - KEY LOCKING, S008 KEYCODE
= 9A - KEY LOCKING, S004 KEYCODE
= 9B - KEY LOCKING, S007 KEYCODE
= 9C - KEY LOCKING, S014 KEYCODE
= 9D - KEY LOCKING, S016 KEYCODE
5. COSMETIC SPECIFICATION S-121-02, CLASS C EXTERIOR SURFACES UNLESS OTHERWISE NOTED, FOR BLACK PVD.

MATERIAL AND FINISH

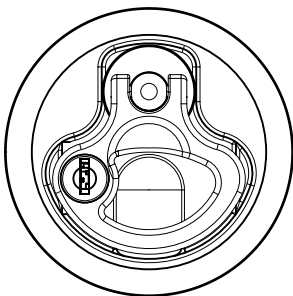
- ALL VERSIONS:
- HOUSING, HANDLE: CF-8M STAINLESS STEEL (NOMINAL CAST EQUIVALENT OF 316 STAINLESS STEEL), ELECTROPOLISHED OR BLACK PVD
 - MOUNTING BRACKET: CF-8M STAINLESS STEEL (NOMINAL CAST EQUIVALENT OF 316 STAINLESS STEEL), ELECTROPOLISHED
 - STUD: 316 STAINLESS STEEL, PASSIVATED OR BLACK PVD
 - JAM NUTS: 316 STAINLESS STEEL, PASSIVATED
 - WEAR WASHER: NYLON, GRAY
 - O-RINGS: BUNA-N, NATURAL
 - PINS, PAWLS, SPRING AND SCREWS: 300 SERIES STAINLESS STEEL, PASSIVATED
 - SLEEVE: ACETAL, BLACK
 - GASKET: NEOPRENE, BLACK
- LOCKING ONLY:
- LOCKPLUG: CF-8M STAINLESS STEEL
 - RETAINER: 301 STAINLESS STEEL, PASSIVATED
 - LOCKPLUG O-RING: BUNA-N, NATURAL
 - KEYS: 300SERIES STAINLESS STEEL
- LOCKING:
- LOCKPLUG BODY: 316 STAINLESS STEEL
 - RETAINER: 301 STAINLESS STEEL, PASSIVATED
 - WAFERS: BRASS
 - SPRING: 300SERIES STAINLESS STEEL
 - KEYS: BRASS, NICKEL PLATED; OVERMOLD: ABS PLASTIC



LATCH ASSEMBLY
(NON-LOCKING)



LATCH ASSEMBLY
(LOCKING)



LATCH ASSEMBLY
(KEY LOCKING)



CPB NUMBER	2023-0253
SURFACE AREA	
VOLUME	
PROPRIETARY ITEM	
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THIRD ANGLE PROJECTION	
MILLIMETERS [IN]	
TOLERANCES UNLESS OTHERWISE NOTED	
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	
PER ASME Y14.5M-2009	

southco CONNECT • CREATE • INNOVATE			
DESCRIPTION M1 2.5 INCH COMPRESSION LATCH NON-LOCKING, LOCKING AND KEY LOCKING			
SIZE A3	SYSTEM NX	DWG NO. J-M1-25-3	
DRAWN BY JWJ	DATE 15NOV2002	SCALE 0.75:1	SHEET 1 OF 1