[D]	DOOR THICKNESS	[G] GRIP MIN	[G] GRIP MAX	SHORT REACH PART NUMBER	LONG REACH PART NUMBER
1	2 TO 12 [.075 TO .475]	SEE NOTE 1	35 [1.38]	M1-25-91-5F	M1-25-91-8F
		34 [1.34]	48 [1.89]	M1-25-91-4F	M1-25-91-7F
		47 [1.85]	61 [2.40]	M1-25-91-3F	M1-25-91-6F
		60 [2.36]	75 [2.95]	M1-25-91-4F	M1-25-91-7F
		74 [2.91]	88 [3.47]	M1-25-91-5F	M1-25-91-8F
2	12 TO 22.5 [.475 TO .885]	SEE NOTE 1	35 [1.38]	M1-25-92-5F	M1-25-92-8F
		34 [1.34]	48 [1.89]	M1-25-92-4F	M1-25-92-7F
		47 [1.85]	61 [2.40]	M1-25-92-3F	M1-25-92-6F
		60 [2.36]	75 [2.95]	M1-25-92-4F	M1-25-92-7F
		74 [2.91]	88 [3.47]	M1-25-92-5F	M1-25-92-8F
3	18.5 TO 29 [.73 TO 1.14]	SEE NOTE 1	35 [1.38]	M1-25-93-5F	M1-25-93-8F
		34 [1.34]	48 [1.89]	M1-25-93-4F	M1-25-93-7F
		47 [1.85]	61 [2.40]	M1-25-93-3F	M1-25-93-6F
		60 [2.36]	75 [2.95]	M1-25-93-4F	M1-25-93-7F
		74 [2.91]	88 [3.47]	M1-25-93-5F	M1-25-93-8F

STANDARD PART NUMBER

M1-25-9[D]-[G][F]

DOOR THICKNESS / GRIP RANGE / FINISH

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
D	28AUG2024	PSP/SAK	PRN: P2024-1500

NOTES:

1. MINIMUM GRIP OF THE FOLLOWING LATCH ASSEMBLIES IS AFFECTED BY DOOR THICKNESS. USE THE FOLLOWING CHART TO DETERMINE YOUR MINIMUM GRIP BY ADDING THE OFFSET VALUE TO YOUR PANEL THICKNESS:

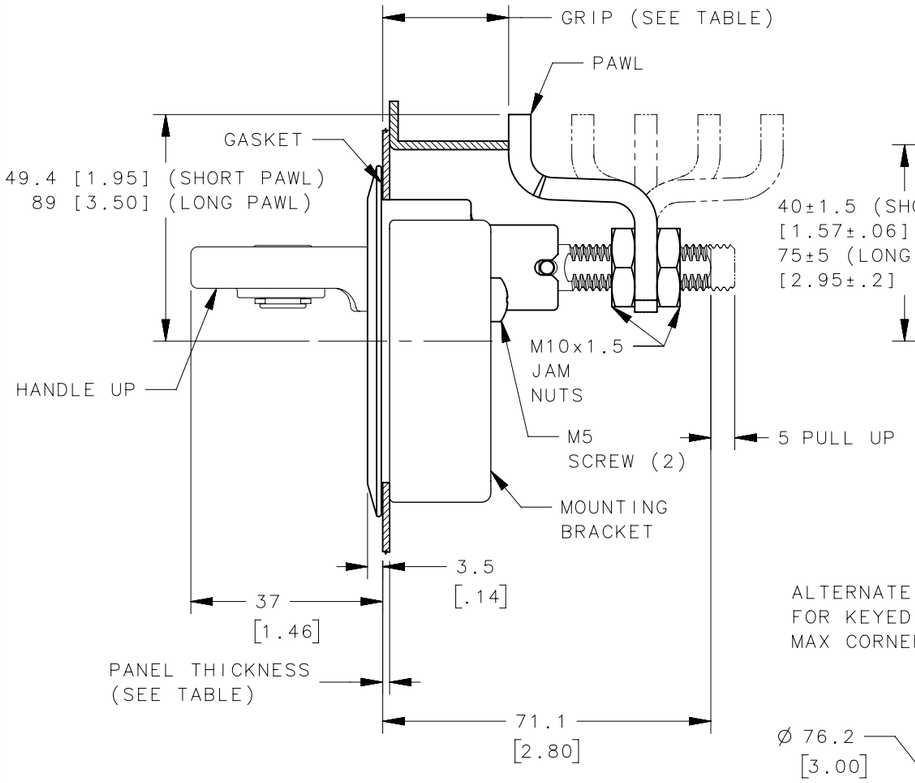
PART NUMBER	OFFSET VALUE
M1-25-91-5F	21.5 [.85]
M1-25-92-5F	11.5 [.45]
M1-25-93-5F	4 [.12]
M1-25-91-8F	18 [.71]
M1-25-92-8F	8 [.32]
M1-25-93-8F	0.5 [.02]

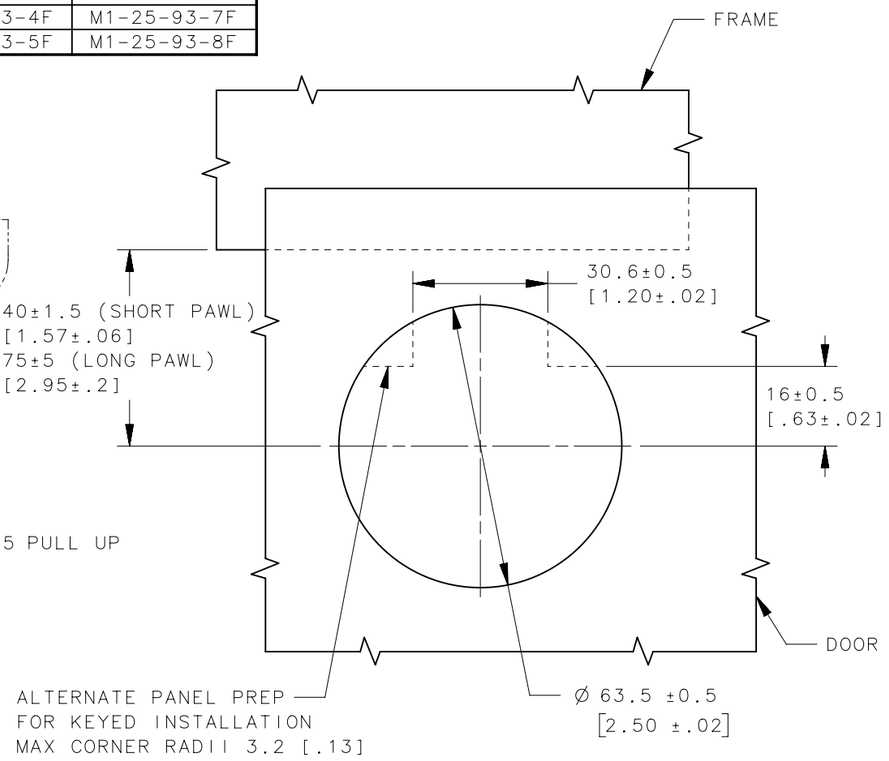
2. FOR LONG PAWL ASSEMBLIES WHERE ONLY A 90° TURN IS DESIRED, A MINIMUM GRIP OF 22 CAN BE OBTAINED FOR ALL PANEL THICKNESS.

3. [F] = 6 - STAINLESS STEEL, BLACK PVD (FOR L=9 ONLY)
   = 8 - STAINLESS STEEL, ELECTROPOLISHED

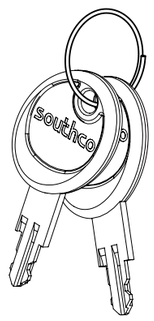
4. USE A 17mm WRENCH ON EACH JAM NUT SIMULTANEOUSLY TO SECURE PAWL DURING ASSEMBLY TO AVOID TRANSMISSION OF TORQUE TO PINS/HANDLE

MILLIMETERS [INCHES]

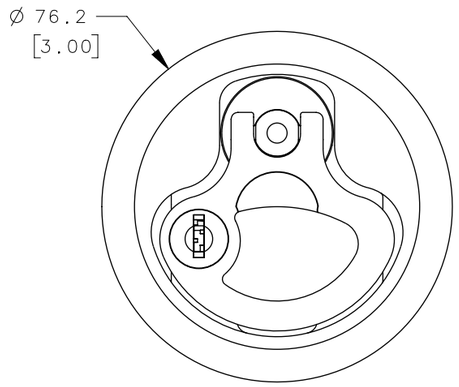




PANEL PREPARATION



KEYS



LATCH ASSEMBLY

MATERIAL AND FINISH

-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

LOCKPLUG:

-LOCKPLUG BODY: 316 STAINLESS STEEL
-RETAINER: 301 STAINLESS STEEL
-WAFERS: BRASS
-SPRING: 300 SERIES STAINLESS STEEL
-KEYS: BRASS, NICKEL PLATED; OVERMOLD: ABS PLASTIC

CPB NUMBER 2023-0253	THIRD ANGLE PROJECTION	southco® CONNECT·CREATE·INNOVATE
	MILLIMETERS [IN]	DESCRIPTION: M1 2.5 INCH COMPRESSION LATCH KEY LOCKING
SURFACE AREA	TOLERANCES UNLESS OTHERWISE NOTED: ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	SIZE A3 / SYSTEM NX / DWG NO. J-M1-25-9
VOLUME		
PROPRIETARY ITEM	PER ASME Y14.5M-2009	DRAWN BY JWJ / DATE 09FEB2004 / SCALE 0.75:1 / SHEET 1 OF 1

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