

NOTES:

- A. OPERATION: 195° TURN OF HANDLE CAUSES PAWL TO ROTATE 75° THEN PULL UP 0.25.
- B. PAWL, NUTS, AND LOCKWASHERS SHIPPED UNASSEMBLED IN BAG WITH LATCH ASSEMBLY.
- C. INSTALLATION:
 1. INSERT LATCH INTO HOLE IN DOOR. CHECK FOR PROPER ORIENTATION AND OPERATION OF PAWL.
 2. INSTALL USING LOCKWASHER AND MOUNTING NUT (27mm ACROSS FLATS). MAX. TIGHTENING TORQUE 250 in-lb.
 3. INSTALL JAM NUT, LOCKWASHER, PAWL, LOCKWASHER, AND JAM NUT ON SHAFT. ADJUST JAM NUTS TO POSITION PAWL AT CORRECT GRIP (WITH LATCH CLOSED). TIGHTEN JAM NUTS (180 in-lb MAX. TORQUE) USING TWO 17mm WRENCHES.
 4. CAUTION: ADJUST PAWL SO THAT NO MORE THAN 70 in-lb TORQUE ON KEY IS REQUIRED TO CLOSE LATCH.

FINISH TABLE

PART NUMBER	FINISH
E3-18-X5	- BLACK POWDER COATING
E3-18-X7	- SATIN SILVER POLYESTER POWDER COAT



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.

WISE-ACTION LATCH-INTERNATIONAL SERIES LOCKING T-HANDLE

DATE: 7/19/90
 DRAWN: RES
 CHKD: 1:1
 SCALE: 1:1
 DRAWING NUMBER: J-E3-18

REV	DATE	DRAWN/CHKD	DESCRIPTION	ITEM	PART NUMBER	GRIP RANGE	EXTENDED GRIP RANGE	PAWL OFF-SET
A	12MAY93	JC	PRN: S-1-03	LATCH ASSEMBLY	E3-18-15	0.45-1.07	2.61-3.00	1.08
B	21APR94	TDS	PRN: E3-365	LATCH ASSEMBLY	E3-18-17	0.45-1.07	2.61-3.00	1.08
C	11OCT96	SWD	PRN: S-93-23	LATCH ASSEMBLY	E3-18-25	1.00-1.62	2.07-2.69	0.54
D	26FEB97	GDM	PRN: E3-587	LATCH ASSEMBLY	E3-18-27	1.00-1.62	2.07-2.69	0.54
E	24APR98	JGK	PRN: E3-689	LATCH ASSEMBLY	E3-18-35	1.53-2.15	NONE	NONE
F	06MAR2003	RLR/MJS	PRN: P2003-0112	LATCH ASSEMBLY	E3-18-37	1.53-2.15	NONE	NONE

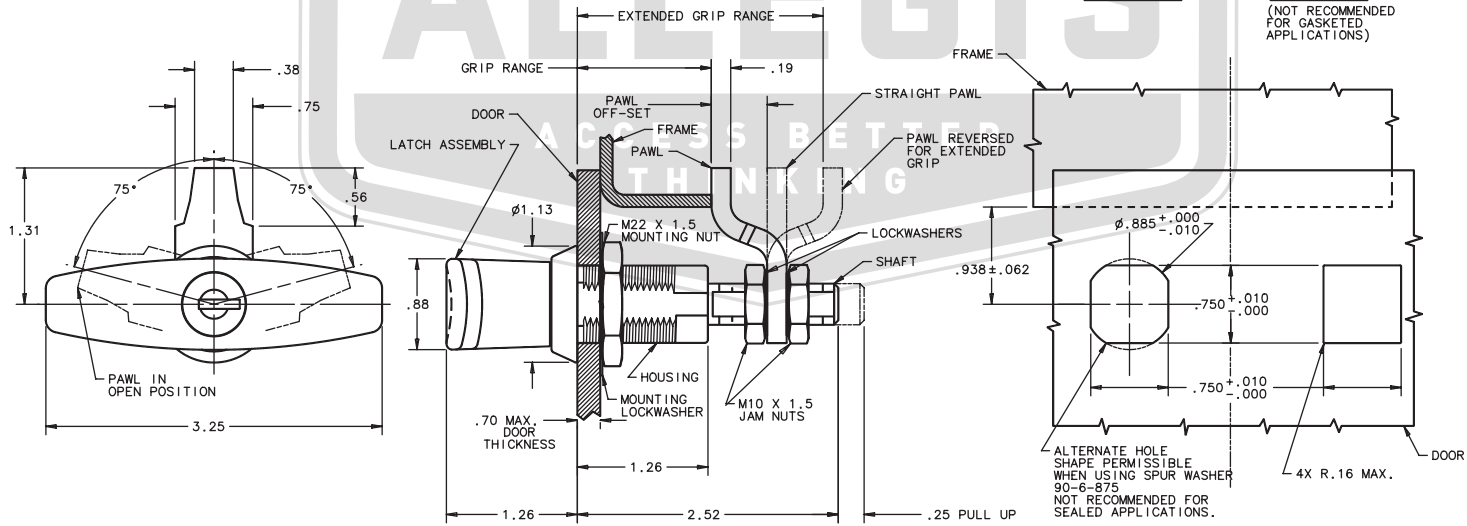
THE ABOVE PART NUMBERS ARE TYPE "A" (TURN CLOCKWISE TO LATCH); FOR TYPE "B" ASSEMBLIES (TURN COUNTERCLOCKWISE TO LATCH); CHANGE THE THIRD DIGIT OF THE PART NUMBER FROM 1 TO 22. EXAMPLE: E3-223-15

COMPONENT	MATERIAL	FINISH
HOUSING	DIE CAST ZINC	SEE FINISH TABLE
HANDLE	DIE CAST ZINC	SEE FINISH TABLE
LOCK PLUG	DIE CAST ZINC AND BRASS	SEE FINISH TABLE
RETAINER	302 STAINLESS STEEL	NATURAL
SPRING	302 STAINLESS STEEL	NATURAL
O-RING	BUNA-N	NATURAL
SLEEVE	1075 STEEL	DACROTIZED †
CAM	1075 STEEL	DACROTIZED †
SHAFT	LOW CARBON STEEL	ZINC PLATE, CHROMATE PLUS SEALER
PIN	100B STEEL	ZINC PLATE PLUS CHROMATE DIP, YELLOW
PAWL	1010 STEEL	ZINC PLATE, CHROMATE PLUS SEALER
JAM NUTS (2)	LOW CARBON STEEL	ZINC PLATE, CHROMATE PLUS SEALER
LOCKWASHERS (2)	SPRING STEEL	ZINC PLATE, CHROMATE PLUS SEALER
MOUNTING NUT	DIE CAST ZINC	ZINC PLATE, BRIGHT CHROMATE
MOUNTING LOCKWASHER	SPRING STEEL	ZINC PLATE, CHROMATE PLUS SEALER
LOCK EXTENDER	DIE CAST ZINC	CHEMICAL PROTECTIVE FILM
LOCK SLIDE	DIE CAST ZINC	CHEMICAL PROTECTIVE FILM
KEYS (2)	BRASS	NATURAL

DOOR PREPARATION

METHOD A

METHOD B
 (NOT RECOMMENDED FOR GASKETED APPLICATIONS)



† TM - METAL COATINGS INTERNATIONAL, INC.

ALLEGIS

1-866-378-7550

MATERIAL: Zinc Alloy	DRAWING NO.: E3-18-15
FINISH: Black Powder Coat	
REV.: 1:1	DATE: 5/23/2019