

# southco®

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## SOUTHCO NUMBER E3 KNOB OPERATED VISE ACTION LATCH

DATE 12-18-86  
DRAWN GJC  
CHKD  
SCALE .75:1

DRAWING NUMBER  
J-E3-10-504-50

REV.	DATE	DRAWN	REVISION	ITEM	MATERIAL & FINISH	ITEM	MATERIAL & FINISH	ITEM	MATERIAL & FINISH	MILLIMETER [INCH] DIMENSIONS
D	23NOV87	GJC	PRN: E3-103 DAC NUTS	HOUSING	SEE NOTE A	O-RING	BUNA-N RUBBER	KNOB SPACER	NYLON, BLACK	DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.
E	02JUN88	RES	PRN: E3-118; E3-115	CAM	1075 STEEL, HARDENED, DACROTIZED™ GLASS FILLED NYLON, BLACK SEE NOTE B	PIN	1008 STEEL, ZINC PLATE CHROMATE DIP, YELLOW			
F	12JAN93	KPL	PRN: S-1-03	KNOB	LOW CARBON STEEL, SEE NOTE B	PAWL	1010 STEEL, SEE NOTE B			
G	02MAY2002	AJH/JSS	PRN: P2002-0125	SHAFT	302 STAINLESS STEEL, NATURAL	NUT (2)	STEEL, SEE NOTE B			
H	14MAR2012	CMS/JED	PRN: P2012-0145	SPRING	1075 STEEL, HARDENED, DACROTIZED™	LOCKWASHER (2)	SPRING STEEL, SEE NOTE B			THIRD ANGLE PROJECTION
I	24AUG2023	SAK/DMS	PRN: P2023-1553	SLEEVE	1075 STEEL, HARDENED, DACROTIZED™	WASHER	1010 STEEL, SEE NOTE B			
				RETAINER	POLYCARBONATE, BLACK	NUT	STEEL OR BRASS, SEE NOTE B			A4 PAPER SIZE

### NOTES:

1. OPERATION: 195° TURN OF KNOB CAUSES PAWL TO ROTATE 75° AND THEN PULL UP 6.4 [25]
2. PAWL, NUTS, LOCKWASHERS, WASHER AND NUTS SHIPPED UNASSEMBLED IN A BAG WITH THE LATCH SUB-ASSY.
3. CAUTION: THE AMOUNT OF PAWL COMPRESSION SHOULD NOT CAUSE THE LATCHING TORQUE TO EXCEED 30 IN-LBS.
4. TM - METAL COATINGS INTERNATIONAL, INC.
5. INTERFERENCE POSSIBLE WITH DOOR PREPARATION AND FLATS. ASSEMBLY WILL SEAT INTO POSITION WHEN RECOMMENDED TORQUE IS APPLIED

ASSEMBLY PART NUMBER:  
E3-10-504-50

