

NOTES:

A. MATERIAL AND FINISH:

1. BASIC LEVER AND HOUSING: DIE CAST ZINC, SEE TABLE.
2. SHAFT: 12L14 STEEL, ZINC ALLOY PLATE BRIGHT CHROMATE, PLUS SEALER OR WITH BLACK ORGANIC COATING.
3. SHAFT O-RING: SYNTHETIC RUBBER, NATURAL.
4. CAM: 1010 STEEL, ZINC ALLOY PLATE BRIGHT CHROMATE, PLUS SEALER OR WITH BLACK ORGANIC COATING.
5. PIN: 303 STAINLESS STEEL, PASSIVATED.
6. WASHER: 1010 STEEL, ZINC PLATED BRIGHT OR BLACK OXIDE.
7. SPRINGS: 302 STAINLESS STEEL, PASSIVATED.
8. BEARING WASHER, PAWL, PAWL RETAINING CLIP & BRACKET: 1010 STEEL, ZINC ALLOY PLATE BRIGHT CHROMATE, PLUS SEALER.
9. LOCKWASHER: SPRING STEEL, ZINC ALLOY PLATE BRIGHT CHROMATE, PLUS SEALER.
10. NUTS AND SCREW/LOCKWASHER ASSEMBLY: LOW CARBON STEEL, ZINC ALLOY PLATE BRIGHT CHROMATE, PLUS SEALER.
11. HOUSING GASKET: SYNTHETIC RUBBER, NATURAL.

B. THREAD SIZE OF SHAFT IS M8 AND THE SCREW/LOCKWASHER ASSEMBLY IS M5.

C. THICKER PANELS REQUIRE A LONGER SCREW/LOCKWASHER COMBINATION (NOT SUPPLIED).

D. ASSEMBLE AS SHOWN AND ROTATE PAWL TO THE DESIRED LATCHING POSITION.

E. PAWL SHOULD BE ADJUSTED TO "GRIP" MEASUREMENT WITH THE DOOR OPEN AND THE LEVER IN THE "LATCHED" POSITION. USE TWO WRENCHES TO TIGHTEN JAM NUTS.

F. FOR MOST EFFECTIVE ENVIRONMENTAL SEALING, USE A HOUSING GASKET AND SEAL THE MOUNTING SCREW THREADS.

G. FOR GRIP RANGES MARKED (*), LOCKWASHER REPLACES PAWL RETAINER CLIP.

H. GRIP RANGES MARKED WITH (*) HAVE A THREADED PAWL.

southco

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No. 62 40-SERIES
BASIC LATCH ASSEMBLY

DATE
08JUN94

DRAWN
BMC

CHKD

SCALE
1:1

DRAWING NUMBER
J-62-48

REV	DATE	DRAWN/CHKD	DESCRIPTION
G	07JUL98	VLL/JGK	PRN: 62-609
H	18JUL2003	VNI/DLH	PRN: P2003-0603
I	07OCT2004	MJR/MDY	PRN: P2004-1144
J	16NOV2006	MJS/MDY	PRN: P2006-1602

MILLIMETERS

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

 **A3**
PAPER SIZE
THIRD ANGLE PROJECTION

GRIP RANGE		INDIVIDUALLY PACKAGED ASSEMBLY PART NUMBER						
MIN - MAX	MIN - MAX	TEXTURED CHROME	POLISHED CHROME	BRUSHED CHROME	BLACK POWDER COATED	SILVER POWDER COATED	SILVER METALLIC POLYESTER URETHANE POWDER COATED	
6 - 16	56 - 66	62-40-101-2	62-40-111-2	62-40-121-2	62-40-151-2	62-40-171-2	62-40-161-2	
16 - 26	46 - 56	62-40-201-2	62-40-211-2	62-40-221-2	62-40-251-2	62-40-271-2	62-40-261-2	
26 - 36	36 - 46	62-40-301-2	62-40-311-2	62-40-321-2	62-40-351-2	62-40-371-2	62-40-361-2	
* 12.5 - 30	38 - 55	62-40-401-2	62-40-411-2	62-40-421-2	62-40-451-2	62-40-471-2	62-40-461-2	
* 25 - 30	-	62-40-501-2	62-40-511-2	62-40-521-2	62-40-551-2	62-40-571-2	62-40-561-2	STRAIGHT PAWL

GRIP RANGE		BULK LAYER PACKED ASSEMBLY PART NUMBER						
MIN - MAX	MIN - MAX	TEXTURED CHROME	POLISHED CHROME	BRUSHED CHROME	BLACK POWDER COATED	SILVER POWDER COATED	SILVER METALLIC POLYESTER URETHANE POWDER COATED	
6 - 16	56 - 66	62-40-101-3	62-40-111-3	62-40-121-3	62-40-151-3	62-40-171-3	62-40-161-3	
16 - 26	46 - 56	62-40-201-3	62-40-211-3	62-40-221-3	62-40-251-3	62-40-271-3	62-40-261-3	
26 - 36	36 - 46	62-40-301-3	62-40-311-3	62-40-321-3	62-40-351-3	62-40-371-3	62-40-361-3	
* 12.5 - 30	38 - 55	62-40-401-3	62-40-411-3	62-40-421-3	62-40-451-3	62-40-471-3	62-40-461-3	
* 25 - 30	-	62-40-501-3	62-40-511-3	62-40-521-3	62-40-551-3	62-40-571-3	62-40-561-3	STRAIGHT PAWL

