

# southco®

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.

## No. 57 SPRING LATCH BAIL HEAD-RIVET TYPE-SMOOTH SPRING- SHORT GRIP

DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
6-15-81	HAR		1:2	J-57-40-701-80

REV	DATE	DRAWN/CHKD	DESCRIPTION	ITEM	PART NUMBER	MATERIAL	FINISH
A	05APR82	AJF	PRN: S-1-01	ASSEMBLY	57-40-701-80		
B	16JAN92	JDS	PRN: 57-118	STUD		LOW CARBON STEEL	SEE NOTE B
C	16DEC94	MPF	PRN: 57-147	SPRING		302 STAINLESS STEEL	PASSIVATED
D	18JUN03	AAB/AJH	PRN: P2003-1028	HOUSING		1010 STEEL	GALVANIZED
				WASHER		1010 STEEL	SEE NOTE B
				.015 SHIM(1)		NYLON	NATURAL
				.031 SHIMS(2)		NYLON	NATURAL
				RETAINER		DIE CAST ZINC	CHEMICAL PROTECTIVE FILM
				BAIL		1008 STEEL	SEE NOTE B

**INCHES**

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

THIRD ANGLE PROJECTION

A PAPER SIZE

**NOTES:**

A. FASTENER SHIPPED UNASSEMBLED; PACKAGED ONE ASSEMBLY PER BAG.

B. ZINC PLATED PLUS CHROMATE DIP BRIGHT

**C. INSTALLATION INSTRUCTIONS:**

1. PREPARE OUTER PANEL PER "PANEL PREPARATION" AT RIGHT AND ATTACH HOUSING AS SHOWN.
2. INSERT STUD THROUGH RETAINER, THEN SLIDE BAIL, WASHER, AND SHIMS (IF NECESSARY - SEE TABLE) OVER STUD.
3. INSERT STUD THROUGH PANEL AND HOUSING.
4. INSTALL SPRING BY GUIDING THE STRAIGHT END THROUGH THE HOLE IN THE END OF THE STUD WHILE SNAPPING THE HOOKED END OF THE SPRING AROUND THE STUD SHANK AS SHOWN.

OUTER PANEL THICKNESS (INCHES)	SHIMS TO USE
.181 TO .196	NONE
.165 TO .180	ONE .015 THICK
.149 TO .164	ONE .031 THICK
.133 TO .148	ONE .031 THICK AND ONE .015
.117 TO .132	TWO .031 THICK
.101 TO .116	TWO .031 THICK AND ONE .015

### PANEL PREPARATION

(FRAME THICKNESS: .09 MIN - .56 MAX)

