



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.

SOUTHCO No.82 FULLY RETRACTABLE 1/4 TURN PHILLIPS HEAD, BRIGHT, FLARE-IN STYLE

| | | | | |
|---------|-------|------|-------|----------------|
| DATE | DRAWN | CHKD | SCALE | DRAWING NUMBER |
| 1/27/87 | RES | | 2:1 | J-82-56-60 |

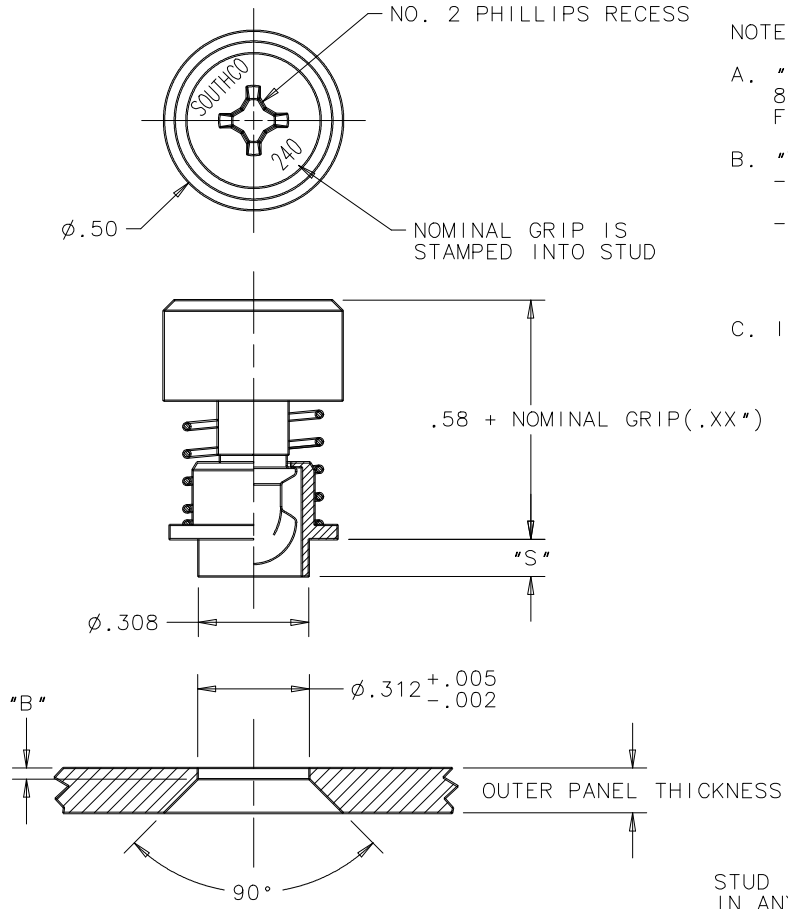
| REV | DATE | DRAWN/CHKD | DESCRIPTION | ITEM | PART NUMBER | OUTER PANEL THICKNESS | "S" | "B" |
|-----|-----------|------------|---|----------|--------------|-----------------------|------|------|
| A | 2/26/88 | RES | PRN: 82-207 MIN PANEL THICK. AND *S* INCREASED FOR 82-56-XX1-60 | ASSEMBLY | 82-56-XX1-YO | .048 - .094 | .058 | .016 |
| B | 12APR93 | ALC | PRN: S-1-03 | ASSEMBLY | 82-56-XX2-YO | .095 - .156 | .104 | .031 |
| C | 29APR2003 | RLR/DLH | PRN: P2003-0317 | ASSEMBLY | 82-56-XX3-YO | .157 - .219 | .166 | .094 |
| | | | | ASSEMBLY | 82-56-XX4-YO | .220 + UP | .229 | .156 |

INCHES

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

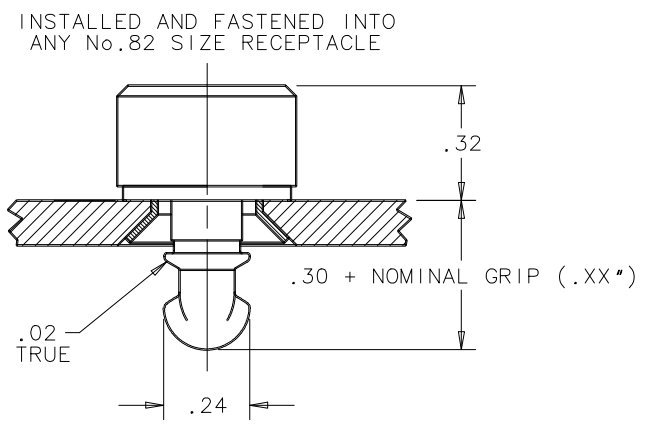
THIRD ANGLE PROJECTION

A4 PAPER SIZE



NOTES:

- A. "XX" IN PART NO. IS NOMINAL GRIP IN TENTHS OF AN INCH, IE; 82-56-122-60 HAS NOMINAL GRIP OF .12". GRIP RANGE IS ±.01" FROM NOMINAL GRIP.
- B. "YO" IN PART NUMBER IS MATERIAL AND FINISH.
 -20: CAP, STUD, AND FERRULE TO BE 300 SERIES STAINLESS STEEL, PASSIVATED
 SPRING IS 302 STAINLESS STEEL, NICKEL PLATE.
 -60: CAP AND STUD ARE LOW CARBON STEEL, CASE HARDENED ZINC PLATE, CHROMATE PLUS SEALER.
 FERRULE: 6061 ALUMINUM, NATURAL.
 SPRING: 302 STAINLESS STEEL, NICKEL PLATE.
- C. INSTALLATION:
 1. DRILL AND COUNTERSINK PANEL ACCORDING TO PANEL THICKNESS.
 2. INSERT FASTENER INTO PANEL.
 3. BACK CAP UP AGAINST A SMOOTH HARD SURFACE, COMPRESSING SPRING SO CAP RESTS ON FERRULE.
 4. FLARE FERRULE INTO COUNTERSINK USING INSTALLATION TOOL PART NUMBER 47-0-13749-06. APPROXIMATELY 500 LBF IS REQUIRED TO FLARE FERRULE.



STUD IS ABLE TO FLOAT .02 IN ANY DIRECTION FROM TRUE CENTER