

**REINFORCEMENT REQUIREMENTS**  
 PROVIDE ADEQUATE REINFORCEMENT TO METAL COVERED COMPOSITE AND HOLLOW METAL DOORS FOR THE DRILLING AND TAPPING FOR THE MACHINE SCREWS.

**SEX NUTS AND BOLTS**  
 SEX BOLTS ARE REQUIRED FOR PLASTIC, WOOD, METAL COVERED COMPOSITE AND HOLLOW METAL DOORS WITHOUT REINFORCEMENT

**SEX BOLT MACHINING**  
 DRILL 1/4 DIA. INSIDE  
 DRILL 3/8 DIA. OUTSIDE

**LBR DEVICES:**  
 OPENING TO GO 8" BELOW  
 HORIZONTAL CL OF DEVICE

DOOR SKIN PLUS  
 REINFORCEMENT - 5/32 MAX.

NOTCH THRU INSIDE  
 FACE 1-5/8 DEEP

2-3/4 BACKSET  
 OR CENTERED  
 ON EXPOSED  
 LOCKSTILE

HORIZONTAL CL  
 FOR DEVICE

RHR SHOWN - FOR LHR  
 REVERSE STILE MACHINING

39-15/16  
 FINISHED FLOOR

**TOP STRIKE  
 FRAME DETAIL**

INSIDE  
 STOP

VERTICAL CL

DRILL AND TAP FOR  
 #10-24 SCREWS

7/32 DIA  
 INSIDE ONLY

STRIKE  
 S460

FINISHED  
 FLOOR

VERTICAL CL

**1700 SERIES TRIM  
 WITH A OR C GRIP ONLY**

5/8 DIA OUTSIDE  
 5/16 DIA INSIDE

ACCOMMODATES 1/4  
 TO 3/4 GAP

**LBR DEVICES:**  
 OMIT BOTTOM BOLT MACHINING.  
 FIRE BOLT REQ'D FOR FL DEVICES  
 SEE DRAWING 01297-II-000 FOR DETAILS

| HOLE (4) PLS A                    | DEVICES     | TRIMS      | HOLE B              | HOLE B1                | HOLE C            |
|-----------------------------------|-------------|------------|---------------------|------------------------|-------------------|
| #10-24 TAP INSIDE ONLY            | 2801.FL2801 | EXIT ONLY  | NO                  | NO                     | NO                |
|                                   | 2801.FL2801 | C1701,4901 |                     |                        |                   |
| 1/4 DIA INSIDE<br>3/8 DIA OUTSIDE | 2802.FL2802 | C1702,4902 | 5/8 DIA INSIDE ONLY | 1-3/8 DIA OUTSIDE ONLY | SLOT OUTSIDE ONLY |
|                                   | 2803.FL2803 | C1703,4903 |                     |                        |                   |
|                                   | 2805.FL2805 | C1705      |                     |                        |                   |
|                                   | 2808.FL2808 | 4908,V4908 |                     |                        |                   |
|                                   | 2814.FL2814 | 4914       |                     |                        |                   |
|                                   | 2815.FL2815 | C1715      | NO                  | NO                     |                   |

**DEVICE SIDE MACHINING**

7/16 DIA. INSIDE ONLY (2) PLS

1/4 DIA. INSIDE ONLY (4) PLS

**TRIM SIDE MACHINING**

A o o A

B1

C SEE CHART ABOVE

A o o A

**BOTTOM HOLE MACHINING FOR 1700 SERIES TRIM WITH B GRIP ONLY**

1/4 DIA INSIDE  
 3/8 DIA OUTSIDE  
 (2) PLS

1 DIA OUTSIDE ONLY

25/32 25/32

STANLEY **phi** Precision Hardware  
 a Division of Stanley Security Solutions, Inc.  
 www.stanleysecuritysolutions.com

| DEVICE SERIES                    |               | TRIM SERIES            |     |
|----------------------------------|---------------|------------------------|-----|
| 2800, FL2800, 2800LBR, FL2800LBR |               | EXIT ONLY, C1700, 4900 |     |
| STRIKE NO.                       | RELEASED DATE | TEMPLATE NO.           | REV |
| S519, S460                       | 5/01/05       | HM-2800A               | C   |