

| Backset       | 1/2" Throw      |          | 3/4" Throw |          |
|---------------|-----------------|----------|------------|----------|
|               | Latch No.       | Link No. | Latch No.  | Link No. |
| 2-3/4<br>(70) | 693 or 694      | -        | 480B       | -        |
| 3-3/4<br>(95) | 3693 or<br>3694 | -        | 3480B      | -        |
| 5<br>(127)    | 693 or 694      | 481DL    | 480B       | 481DL    |
| 6<br>(152)    | 3693 or<br>3694 | 481      | 3480B      | 481      |
| 7<br>(178)    | 693 or 694      | 482      | 480B       | 482      |
| 8<br>(203)    | 3693 or<br>3694 | 482      | 3480B      | 482      |
| 18<br>(457)   | 693 or 694      | 484      | 480B       | 484      |
| 19<br>(483)   | 3693 or<br>3694 | 484      | 3480B      | 484      |

1. For strike preparation refer to:  
495 Strike - Template No. 7102-0005  
497 Strike - Template No. 7102-0003
2. The 5400LN locks can be installed on 1-3/8" (35mm) thick doors by using two (2) #14-5401-6644 spacers under the inside and outside roses.
3. For wood door preparation refer to Template No. 7150-0057.
4. Door manufacturer must provide supports within the door to keep the door from collapsing when lock is installed. Back of latch case must also be supported.
5. All dimensions given in inches (mm).
6. For universal or square edge doors use latchbolts with flat front (i.e. F694, F480B, etc.)
7. Dimensions marked with \* have tolerances of +1/32, -0.

Technical drawing of a door lock assembly, showing side and front views with dimensions and labels.

**Side View (Top):**

- Taper 1/8(3) per 2 (51)**: Dimension for the tapered edge of the lock body.
- Beveled Edge**: Label pointing to the beveled edge of the lock body.
- Universal or Square Edge**: Label pointing to the edge of the lock body.
- Backset (See Table)**: Dimension for the backset of the lock.
- 1-3/8 (35) to 1-3/4 (44)**: Dimension for the standard door thickness, with a note "Std. Door Thickness, See Note 2".

**Front View (Bottom):**

- No.8-32 Tapped Hole**: Label for the tapped hole in the door.
- 2-1/4\* (57)**: Dimension for the distance from the door edge to the center of the lock body.
- 1-3/8" (35)**: Dimension for the distance from the door edge to the center of the lock body.
- 5/32 ±.005 (4)**: Dimension for the mortise depth for the latch front.
- Mortise Depth for Latch Front**: Label for the mortise depth.
- 1 (25) Min.**: Dimension for the minimum distance from the door edge to the center of the lock body.
- 2-1/8 (54) Cross Bore**: Dimension for the cross bore.
- 2-1/8\* (54) Dia.**: Dimension for the diameter of the cross bore.
- 5/32 or 5/32 (4)**: Dimension for the diameter of the cross bore.
- 2-3/4 (70)**: Dimension for the distance from the door edge to the center of the lock body.
- 1-15/64 (31)**: Dimension for the distance from the door edge to the center of the lock body.
- 5/16 (8) (2 Holes thru door)**: Dimension for the distance from the door edge to the center of the lock body.
- Horizontal & Vertical Lock and Latch Case Support By Door Mfg.**: Label for the support of the lock and latch case.
- 2-15/32 (63)**: Dimension for the distance from the door edge to the center of the lock body.



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