1. Prepare door for exit device. See exit device instructions for locations of holes, backset (line X-X), and center lines.

2. Prepare door for control:
   A. Transfer line X-X from inside (exit device side) of door to outside (control side) of door. Use extra care if edge of door is beveled. Be sure line X-X is parallel to edge of door.
   Note: See back side of sheet for hole preparation for metal or wood.
   B. Locate and prepare holes as indicated.

3. Install cylinder into control if required (Figures 1 & 2). Insure cylinder cam is set for required function and replace if necessary.

4. Install control and exit device to door.

5. Test key, control, and device action.

**Figure 1**

**Figure 2**

**TL Function** - Control remains unlocked when key is removed.

**NL Function** - Control relocks when key is removed. Requires use of key to operate.

For NL function replace TL cylinder plate (std. on all controls) with NL cylinder plate (included in polybag) replacing screw and washer.

Note: Control must be in locked position when installing cylinder plate.
Line X-X corresponds to line X-X on exit device instructions

Metal Door Application

Omit cylinder for BE function

Inside face of lock stile

LHR shown
RHR opposite

Wood Door Application

Omit cylinder for BE function

1-9/16" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-9/16" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)

1-5/8" for 1-3/4" door
2-1/16" for 2-1/4" door

1/4" diameter (omit for BE)