


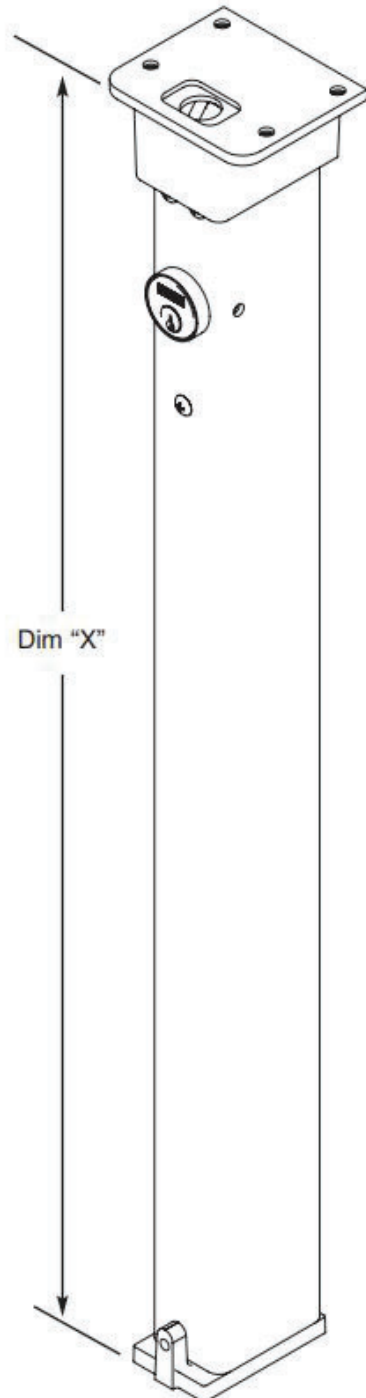
## L980S and 12-L980 Steel Mullions

**1****Installation**

 **WARNING:** The 12-L980 mullion is 90-minute fire rated up to 8 feet tall only. Do NOT use this mullion in a fire rated application where the opening is taller than 8 feet.

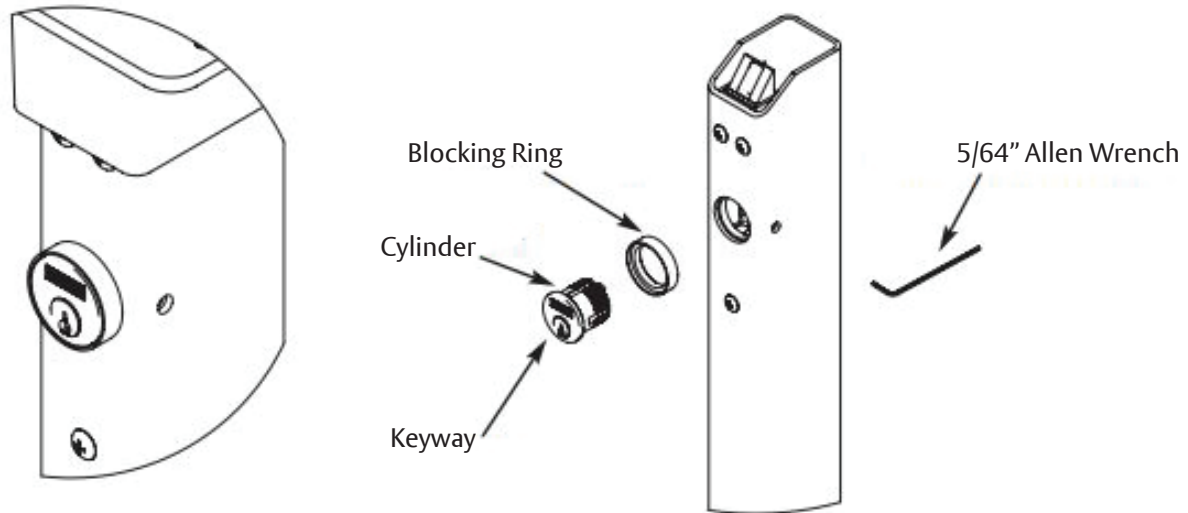
**Tools Required:**

- Measuring Tape
- Pencil
- Drill & Tap Sizes: #7 drill and 1/4"-20 tap
- Concrete Drill: 3/8" diameter
- Center Punch
- Hammer
- #3 Phillips Screw Driver
- 5/64" Allen Wrench
- 1/8" Allen Wrench



1. Close and block doors against frame stops. Check gap between door leaves and door to frame and correct if necessary.
2. Locate the center of the opening on the floor. Using the bottom retainer mark the positions for the two drop-in fasteners.
  - a. The bottom of the door should come to rest against the surface of the mullion.
  - b. Modify threshold as required.
3. Drill holes with 3/8" diameter cement bit to a minimum depth of 2-1/2".
4. Fasten bottom retainer to floor.
5. Locate the center of the opening on the top of the frame. Using the top retainer, mark the positions for the four fasteners.
  - a. The door should evenly rest against both the frame stop and the mullion.
  - b. If a top retainer mounting kit is used, modify weatherstripping as required.
6. Drill and tap each location for 1/4"-20 fasteners.
7. Measure "Dim X" as shown. Remove material from the bottom of the mullion per the formula: length of mullion = "dim X" minus 3/4".

**Note:** This leaves approximately 1/8" clearance between the mullion and the top retainer when mounted.
8. Place mullion onto bottom bracket and pivot into opening to latch.
9. Tighten bottom bracket set screw to prevent mullion rattle.
10. Install exit devices according to the manufacturer's instructions.



**Installation of Cylinder:**

1. Depress latchbolt and hold fully retracted.
2. Carefully thread cylinder with blocking ring into lock assembly until it bottoms out.
3. Unscrew the cylinder orienting keyway at bottom.
4. Release latch bolt.

**Note:** If latch bolt is not fully projected loosen cylinder an additional 1-2 full turns.

5. Tighten set screw with 5/64" Allen Wrench through access hole in side of mullion.
6. Check operation of cylinder and lock assembly. Note: Key only turns counter-clockwise.