

#10 LOCK- TMWBG

NOTE: For single cylinder use only.

Hand of Door

All doors are handed- left or right. The hand of a door is determined from the outside (exterior) of door, or street side for an entrance door. Standing on the outside of the door facing in, if the hinges are on the right, it is right-handed; if they are on the left, it is left-handed.

Procedure #1: Mortising the Lock

Mortise- The hole cut and notched into the door's edge to receive the mortise lock. Once determining which side of the door the lock is to be mounted, cut off 'TEMPLATE A' along the dotted line.

1. Place the horizontal line on the bottom half of the template.
2. Once the height is measured, align the vertical line of the template with the center of the door's thickness. With an awl or nail, mark the center of each 1" diameter circle onto the edge of the door. Remove template..
3. Drill seven 1" diameter holes $3\frac{3}{4}$ " deep. When the drilling is completed, chisel out the waste material indicated as the darkened areas between the holes on 'TEMPLATE A'. If using a left-hand door, mortise a section to the left side of mortise cavity 1/8" wide x 1/2" high x 7/8" deep (location shown on 'TEMPLATE A').
4. Insert the lock case into cavity to ensure proper fit. With the lock inserted, trace the faceplate of the lock onto the edge of the door. Remove lock and mortise-traced area so that when the lock case is re-inserted, the faceplate is flush with the door's edge. Remove lock.

Procedure #2: Locating & Drilling Holes for the Hardware

1. Use 'TEMPATE B'- From outside of door. If lock is on left side, fold along LINE A', if lock is on right side, fold along LINE B'.
2. Lay folded portion on edge of door. Align the horizontal line marked 'BOTTOM EDGE OF FACEPLATE' with the bottom edge of the faceplate mortise.
3. With an awl or nail, mark the center of circle '#1' and the circle '#2'. Remove the template and drill holes 1 and 3 (1 3/8" diameter.) **DO NOT DRILL EITHER HOLE BEYOND THE MORTISE CAVITY.**
4. Move to the inside of the door. If 'LINE A' was used in Steps 1-3, now use 'LINE B', If 'LINE B' was used in Steps 1-3, now use 'LINE A'.
5. Repeat Step 2. Mark the center of the circle '#3' and '#4'. Remove template and drill "#3" and "#4"(3/4" diameter) holes. **DO NOT DRILL BEYOND THE MORTISE CAVITY.** NOTE: It may be necessary to chisel out some additional wood from hole '#4' inside the mortise cavity, directly opposite the hole, for clearance of the spindle when it is installed.

Procedure #3: Mounting of the Hardware

1. The faceplate of the lock (the part that is seen from the edge of door) must be removed before installing. Insert the lock into the mortise cavity. Drill 1/16" pilot holes and secure lock with two large flat head screws.
2. Back out cylinder set screw from the edge of door so it won't interfere with cylinder when it is installed.
3. From the exterior of door, place the cylinder through the handle escutcheon. Place the escutcheon onto door and threads cylinder into mortise lock. Note: The threads of cylinder are fine and care should be taken when starting to screw it in. Once the cylinder is installed align the keyhole to bottom center. Tighten cylinder set screw from the edge of the door.
4. Install the faceplate back onto lock and secure with two flat head machine screws.
5. Making sure the handle is parallel with and centered 2 1/2" from the doors edge, drill 1/16" pilot holes and secure escutcheon with 3/4"x 8 pyramid head screws.
6. From the interior of door, insert the split spindle into hole #4. (refer to diagram attached to instructions).
7. Once the spindle is installed, place the interior escutcheon over the spindle with the thumbturn to the top and going into lock at hole #3. Before screwing on the knob (or lever,) back out the set screw on the knob with a 1/8" Allen wrench. Screw the knob onto the spindle. With the knob drawn into positon and seated into the escutcheon, center escutcheon 2 1/2" from the edge of door. With the escutcheon parallel with the door's edge, drill 1/16" pilot holes and secure escutcheon with 3/4"x 8 pyramid head screws.

Use and functions of the mortise lock

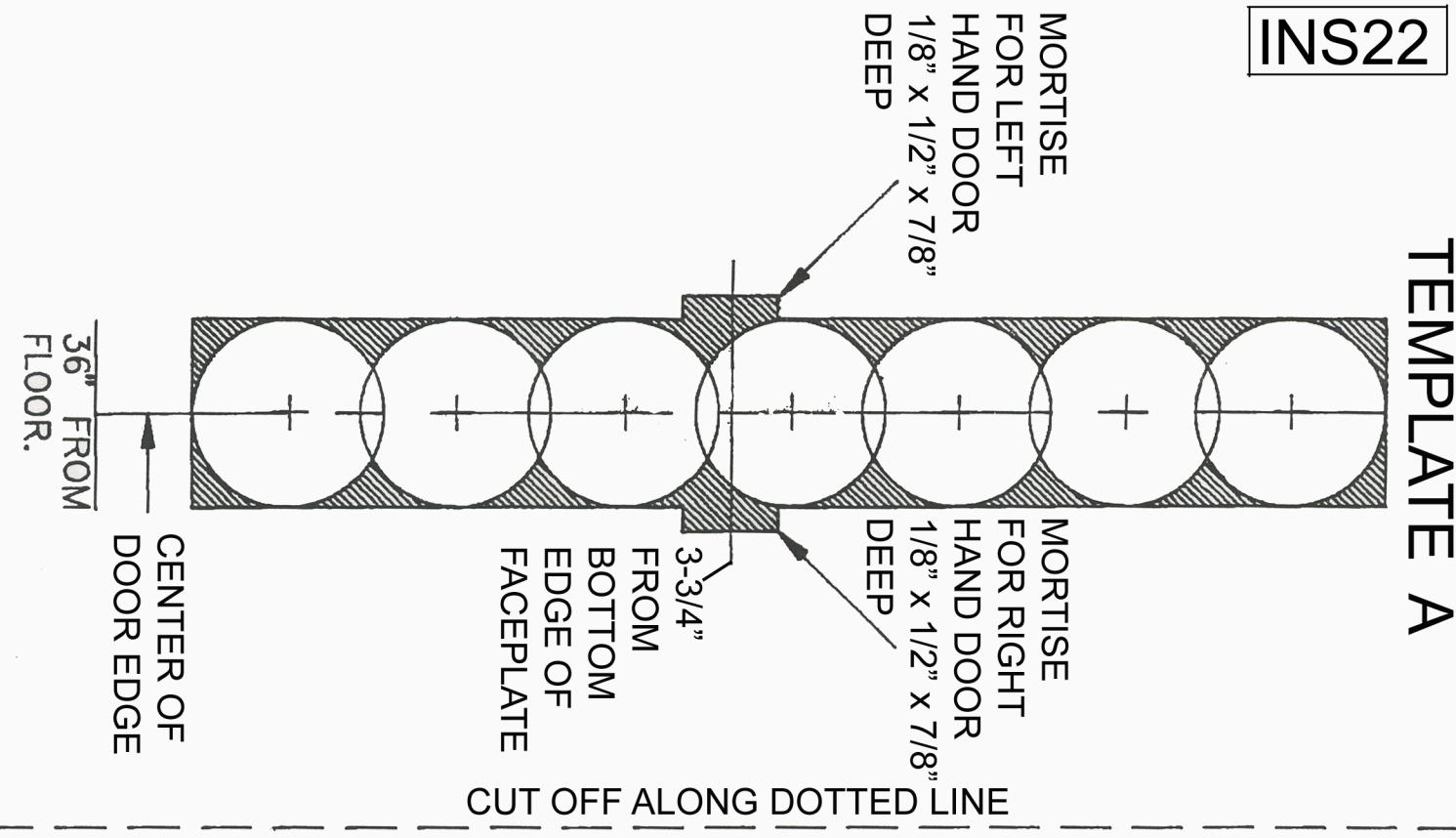
To unlock and enter the door from the exterior, insert key into the cylinder and turn until deadbolt unlocks (retracts). Continue turning key until the latch also retracts. Hold the key in the position and open door.

NOTE: When the deadbolt is locked either from the interior or exterior, the exterior handle also locks, automatically. When the deadbolt is unlocked, the exterior handle remains locked. To unlock the handle, press the toggle switch on the face of the mortise lock. To lock the exterior handle without using the deadbolt, press the toggle switch on the face of the mortise lock.

Emergency Egress (Exit)

In case of emergency, this function allows the door, if locked, to be opened from the interior without having to take the time to unlock the door. Simply use the doorknob and exit. The deadbolt will unlock automatically.

TEMPLATE A



TEMPLATE B

