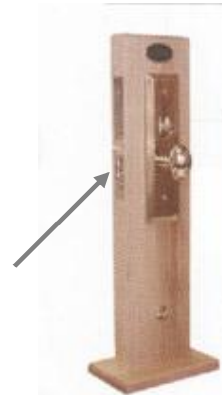




# *Design* a Lock With PHS



Mortise lock



Tubular locks

1. For what type of lock is my door fitted?
  - a. A mortise lock has an edge plate that is about 1" x 7" long.
  - b. Tubular locks have two separate plates on the edge of the door--one for the knob, one for the deadbolt. They are each about. 1" x 2-1/4" long.
2. How thick is my door?

Measure the width of your door's edge. Common thicknesses are as follows:

  - a. 1-3/8"
  - b. 1-3/4"
  - c. 2"
  - d. 2-1/4"
3. What is the measurement my lock's backset?

Measure your door from edge of door to the center of existing hole. Common backsets for the two different types of locks are as follows.

  - a. Mortise 2-1/2" or 2-3/4"
  - b. Tubular 2-3/8" or 2-3/4"
4. What is the **handing** of my door?
  - a. Right Hand – standing on the outside of your door, facing the door, the door hinges are on the right.
  - b. Left Hand – standing on the outside of your door, facing the door, the door the hinges are on the left.
  - c. Standing on the outside of your door, facing the door, does the door swing into the room or out of the room?
5. If I have tubular locks, what is the distance between the holes in my door?
  - a. Measure the diameter of each hole. It may be 2-1/8" or 1-1/2".
  - b. Measure the distance between these holes by measuring from the **center of one to the center of the second.**
6. Am I trying to replace an old lock? A mortise lock?

Replacing an old lock, especially a mortise lock, may require some carpentry or locksmith skill to install a new lock. Bring in or email measurements with digital photos to us and we will try to find the correct model lock which best covers the cut-outs and scarring from your old lock.
7. Do I want my new lock to work with my existing house key?

Emtek will match a 5 pin Schlage C keyway. Your key may have the numbers "SCI", "1145" or Schlage with a "C" on the shoulder of the key.
8. Found a design you like? Completed the measurements of your door? The next step is to contact PHS Locksmiths and we will guide you as you design the door hardware for your home.