Hotel Keying
(Standard Cylinder only)

Stock Cylinder   6 pin
    Type #985 (1 1/8") = **A14250**

Optional Cylinder   6 pin
    Type #986 (1 1/4") = **A14251**

Optional Cylinder 6 pin
    Type #987 (1 3/8") = **A14252**

Optional Cylinder 7 pin
    Type #987 (1 3/8") = **A14253**

Special "B-B" for shut-out = #**3014**
Must be used when pinning the last chamber. Must be loaded directly on top of the bottom pin in the last chamber.

Special keying Requirements: "B-B" = Master wafer size #6

Emergency key cut = Last chamber must be	0	1	2	3
Last emergency key (cut)	If 0 Then	If 1 Then	If 2 Then	If 3 Then
Last GGMK/GMK/MK/Guest (cut)	Use 6	Use 7	Use 8	Use 9
GGMK/GMK/MK/Guest key cut = Last chamber must be	6	7	8	9

Hotel Mortise Cylinder Operation: (Standard cylinder only)

Milled slots on the cylinder plug at the last chamber, (located at approximately 5 and 7 o'clock), prevent operating keys from rotating the full 360 degrees necessary to move the deadbolt. Thus, operating keys are prevented entry when the deadbolt is thrown from inside the room.

This occurs because the driver pin rides on the cylinder plug surface when operating keys are used. The driver pin stops the plug rotation when it encounters on of the milled slots.

There are two milled slots; each is slanted in a different direction. This allows the driver pin to override one slot, but not the other. The "override" allowance gives operating keys the ability to retract the latchbolt only. It also allows the hotel cylinder to be "non-handed".

The emergency key lifts the special #3014 "B-B" into the cylinder housing. With the "B-B" in the cylinder housing and riding on the cylinder plug, the emergency key will rotate 360 degrees in both directions, thus operating the deadbolt. The special "B-B" will pass over both milled slots since it is not hindered by them.
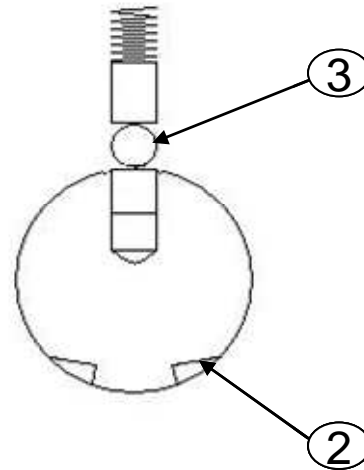
The special #3014 "B-B" must be used when keying the standard hotel mortise cylinders.

Standard Cylinders*
For Mortise lock functions M-451 **
Last Chamber of Cylinder
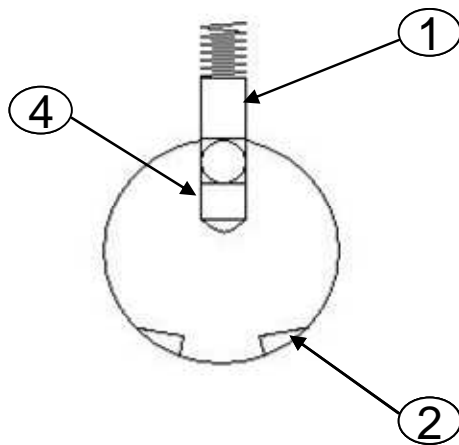
With Change Key
The top pin (1) falls into the notch (2) in the plug preventing further rotation

With Emergency Key
The Ball (3) falls into the notch (2) in the plug but will ride over the notch allowing further rotation.

Notes:
Top pin (1) is constant.
Bottom pin (4) is 0, 1, 2 or 3
Go with key cut 6, 7, 8 or 9
Emergency key cut 0, 1, 2 or 3
The last chamber will be loaded the same for all cylinders in a system.
The ball (3) is equivalent to a #6 wafer.

*Interchangeable core uses different approach
**Functions with shut-out feature (Projecting of deadbolt shuts off all keys except the emergency key).

Plugs Used:
020521-016
020521-026