## FIRE RATED LESS BOTTOM ROD POPPER INSTALLATION INSTRUCTIONS FOR PAIRS OF DOORS

1.Lay out parts included in kit.
2.Drill 1 " $(25 \mathrm{~mm})$ Dia. hole per detail below in active leaf door edge. Install (2) 3.Drill $13 / 16^{\prime \prime}(95 \mathrm{~mm})$ Dia. hole per detail below in in-active leaf door edge.
4.Install (1) in edge of in-active door.
5.Install four screws as shown.



## LHR door shown , RHR door opposite

MAIN CHASSIS \& TOP LATCHES MOUNTING SCREWS
For steel prepared doors , drill / tap and use supplied machine screws. For thin gauge metal , non-prepared doors or for labeled wood doors use thru bolts.
See template for details on mounting screws.

B


central position of rod with 2 screws as shown


## Important Notes: ( please read it first)

LBR option for fire exit devices is available using a spring loaded fire bolts installed in each side of the lower door edge. When the device exposed to heat the fire bolts releases and extends into the strike hole in the opposite door , the fire bolt will keep the pair of doors in alignment and closed properly during a fire.
The fire rated LBR product is in listed UL 3 hours on metal doors double egress. Fire rated LBR devices must be ordered and installed in pairs of vertical rod devices or must be used in conjunction with an approved automatic or constant latching flush bolt.
A double door application consists of two LBR devices and two fire bolts. The fire bolts should be installed in each side of the lower door edge to maintain fire listing.
Refer to the fire bolt installation instructions for further details.

(2) Head assembly and end plate Install


Step 1:
Install the head assembly to the door with 4 screws as shown

Step 2:
Install the end plate to the door with 2 screws as shown


Step 1:
Fix the top latch mounting plate on the door by sex nut and sex bolt.


Installation, make sure the holes line up. (top strike hole and top latch hole)
(4) Rod Install


7100 LESS BOTTOM ROD DEVICE TEMPLATE


Tube fitting template


Main chassis template


