DOUBLE ACTING SPRING HINGE
TYPE 3029

INSTALLATION INSTRUCTIONS

1) REMOVE SPRING TENSION FROM EACH BARREL BY INSERTING TENSION ROD INTO THE TENSION ADJUSTMENT HOLE, ROTATE IN DIRECTION OF THE ARROW, AS SHOWN IN FIGURE 2 OR FIGURE 3, AND REMOVE TENSION PIN.

2) LOCATE HINGES AS SHOWN IN FIGURE 1.
   ° 3029 - DOOR LEAF MAY BE MORTISED OR SURFACE APPLIED TO
   ° DOOR EDGE
3) ALIGN CENTERLINE OF DOOR WITH CENTERLINE OF FRAME AND
   ° SECURE THE FRAME LEAF.

FOR BEST ALIGNMENT OF DOORLEAFS, MOUNT
   ° HINGES ON ONE DOOR WITH TENSION ADJUSTMENT UP, AND
   ° DOWN ON THE OPPOSITE DOOR AS SHOWN IN FIGURE 1.
   ° SHIMS MAY BE NECESSARY UNDER THE EDGES OF THE
   ° FRAME FLANGES FOR DOOR ALIGNMENT.

SPRING TENSIONING INSTRUCTIONS

DO NOT EXCEED FIVE (5) HOLES TENSION

1) PLACE DOOR IN CLOSED POSITION. WEDGE DOOR UP FROM FLOOR
   ° UNTIL IT IS PLUMB.
2) INSERT TENSION ROD INTO THE TENSION ADJUSTMENT HOLE, ROTATE
   ° IN DIRECTION OF ARROW, AS SHOWN IN FIGURE 2 OR FIGURE 3
   ° (ONLY ONE HOLE OF TENSION IS RECOMMENDED FOR BOTTOM HINGES)
3) INSERT TENSION PIN, AND REMOVE THE TENSION ROD.
4) INCREASE TENSION ON THE TOP HINGES IF DOOR SAGS OR RETURN
   ° ACTION IS TOO SLOW.

NOTE

SOME HINGE SIZES
   ° WILL HAVE ARROW'S
   ° STAMPED ON BARREL
   ° SIDES.

INCREASE TENSION
   ° IN THE DIRECTION
   ° OF THE ARROWS
   ° STAMPED ON BARREL
   ° SIDES.

LUBRICATION MAY BE APPLIED TO
   ° HINGES, IF NEEDED.
   ° DO NOT USE ON DOORS WITH
   ° HINGE EDGE BEVELED.