

DOUBLE ACTING SPRING HINGE TYPE 3023

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.
* 3023 - APPLY DOOR LEAF TO SURFACE OF DOOR.

3) ALIGN CENTERLINE OF DOOR WITH CENTERLINE OF FRAME AND SECURE THE FRAME LEAF.

FOR BEST ALIGNMENT OF DOUBLE DOORS, 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.

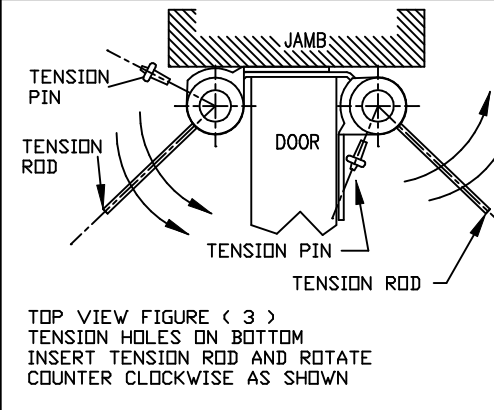
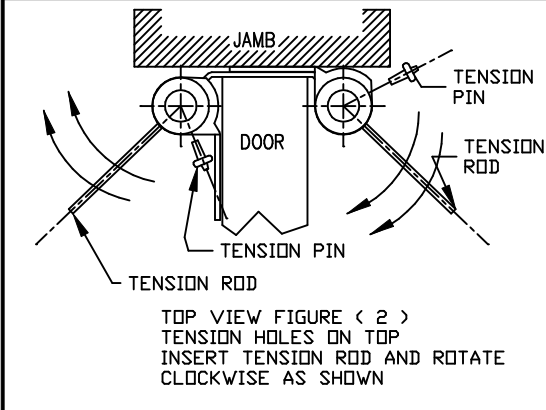
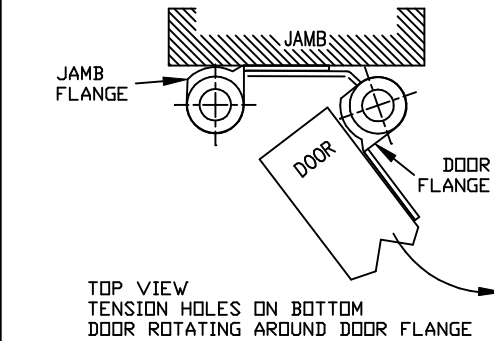
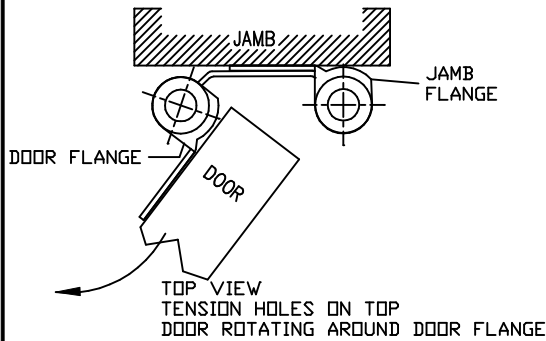
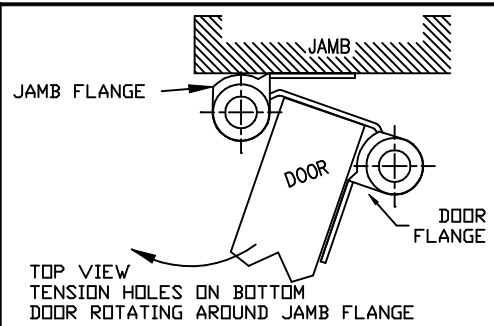
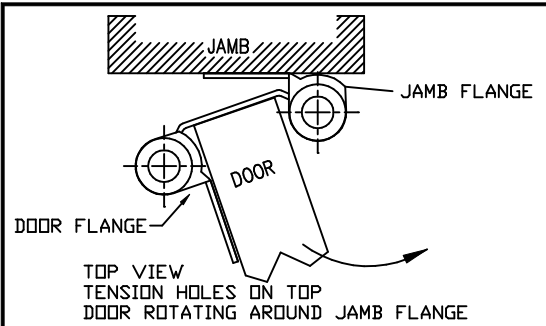
SPRING TENSIONING INSTRUCTIONS DO NOT EXCEED FIVE (5) HOLES TENSION

1) PLACE DOOR IN CLOSED POSITION. WEDGE DOOR UP FROM FLOOR UNTIL IT IS PLUMB.

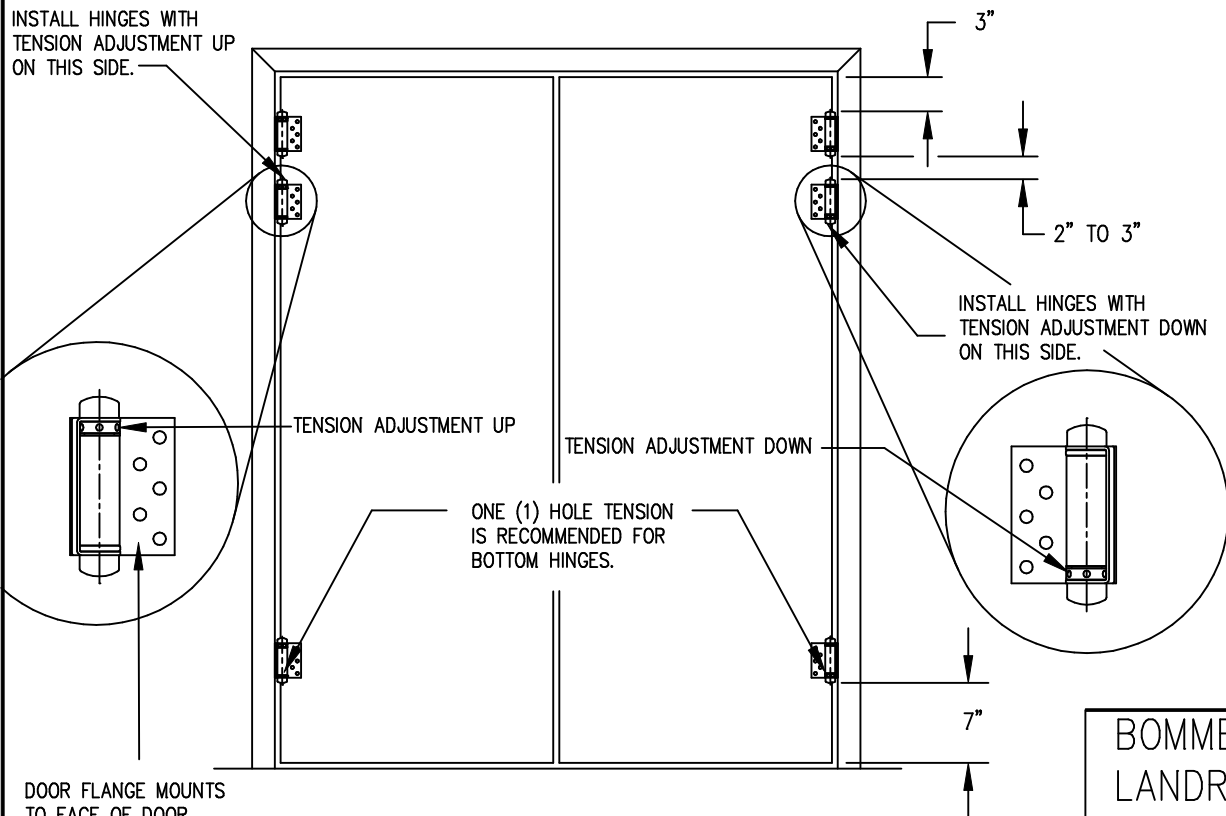
2) INSERT TENSION ROD INTO THE TENSION ADJUSTMENT HOLE, ROTATE IN DIRECTION OF ARROW, AS SHOWN IN FIGURE 2 OR FIGURE 3. (ONLY ONE HOLE OF TENSION IS RECOMMEND FOR BOTTOM HINGES)

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.



INSTALL HINGES WITH
TENSION ADJUSTMENT UP
ON THIS SIDE.



DOOR FLANGE MOUNTS
TO FACE OF DOOR
USING FLAT HEAD SCREWS.

FIGURE (1)

-----NOTE-----

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

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

DETAIL A

LUBRICATION MAY BE APPLIED TO
HINGES, IF NEEDED.

DO NOT USE ON DOORS WITH
HINGE EDGE BEVELED.

BOMMER INDUSTRIES, INC.
LANDRUM, SC 29356
MADE IN THE USA
DOUBLE ACTING SPRING HINGE
INSTALLATION INSTRUCTIONS 3023

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DRAWING NUMBER

APPROVED BY :

3023-A

PLOT DATE : 23 JUN 2004

THIS IS A CAD DRAWING...
DO NOT REVISE MANUALLY.

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