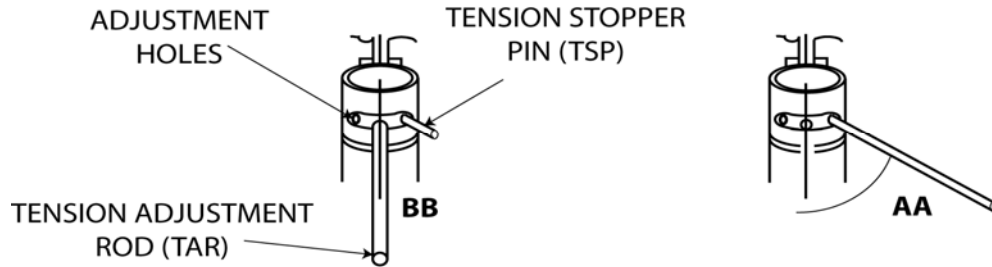




SPRING HINGE INSTALLATION GUIDE

IMPORTANT: DO NOT EXCEED THREE (3) HOLES TENSION FOR 180 ° DOOR OPENING OR FOUR (4) HOLES TENSION FOR 90° OPENING.



CAUTION: ALWAYS ROTATE THE TENSION OVER TO THE LEFT REGARDLESS OF RIGHT OR LEFT HAND DOOR APPLICATIONS.

HINGE INSTALLATION:

INSTALL HINGE REGULARLY WITH ADJUSTMENT HEAD IN THE UP POSITION

ADJUSTMENT OF SPRING TENSION

1. Make sure the door is in the closed position
2. Insert (TAR) in the right hand hole in the adjustment hole as shown in figure AA
3. Rotate (TAR) to the left and insert (TSP) in the hole as shown in figure BB
4. Release (TAR) until (TSP) contacts right hand side of adjustment holes
5. Remove (TAR) and test door for closing cycle and force
6. If door doesn't close repeat procedure until door closes
7. After final adjustment drive the (TSP) flush with hinge barrel

TABLE BELOW SHOWS RECOMMENDED HINGE SIZE FOR DOOR SIZES:

MAXIMUM LABELED DOOR SIZE RECOMMENDED 3' - 0" WIDE X 7' - 0" HIGH				
SERIES			HINGE SELECTION	
RECOMMENDED MAXIMUM DOOR WEIGHT (LBS)			SPRING HINGES	BUTT HINGES
3.5 X 3.5	4.0 X 4.0	4.5 X 4.5 4.5 X 4		
50	60	70	2 EACH	1 EACH
70	85	115	2 EACH	1 EACH
90	110	150	3 EACH	NONE

NOTES:

- 1) The information above is based on limits set by NPFA#80.
- 2) Two spring hinges is a minimum requirement on fier labeled doors by NPFA#80.
- 3) Weather stripping, extreme window air pressure on one side of the door may require the use of maximum amount of spring hinges.
- 4) For best results use all spring hinges.