

# AUTOMATIC DOOR-CLOSING SPRING HINGE

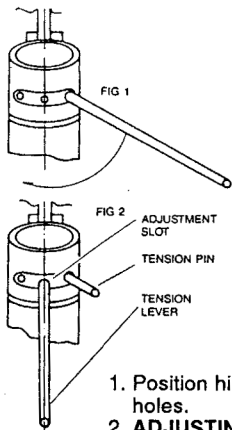
**MATERIAL:** Steel with a satin brass plated finish. Phillips head screws are provided.

**USE:** Designed for hanging self-closing doors in basements, stairways, garages, etc.

## FEATURES:

- UL approved for fire doors
- Adjustable closing speed
- Fits standard hinge cutout

## INSTRUCTIONS:



1. Position hinge with adjustment end up and drill  $5/32$ " pilot holes.

2. **ADJUSTING SPRING TORQUE:** (A) With door in closed position, insert tension lever in right-hand hole in adjustment slot (Fig. 1). (B) Rotate tension lever to the left and insert tension pin loosely in hole to the right of the tension lever (Fig. 2). (C) Release tension lever until tension pin contacts the right-hand side of adjustment slot. (D) Remove tension lever and test the door for closing force, repeating steps A-C if necessary. (E) When door closes satisfactorily, drive tension pin flush with hinge tube.

**ADJUSTING HINGE TENSION: CAUTION: DO NOT EXCEED** three (3) holes tension for  $180^\circ$  door opening, or four (4) holes tension for  $90^\circ$  opening. ALWAYS ROTATE TENSION LEVER TO LEFT FOR RIGHT- OR LEFT-HAND DOOR APPLICATIONS.

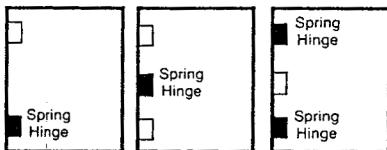
## SELECT CORRECT NO. OF HINGES

$3\frac{1}{2}$ " x  $3\frac{1}{2}$ "

4" x 4"

1 Hinge	Doors Up To 50 lbs.	Doors Up To 60 lbs.
2 Hinges	Doors Up To 70 lbs.	Doors Up To 85 lbs.
3 Hinges	Doors Up To 90 lbs.	Doors Up To 110 lbs.

## WHERE TO INSTALL HINGES



NFPA #80 requires a minimum of two (2) Spring Hinges on labeled fire door applications.