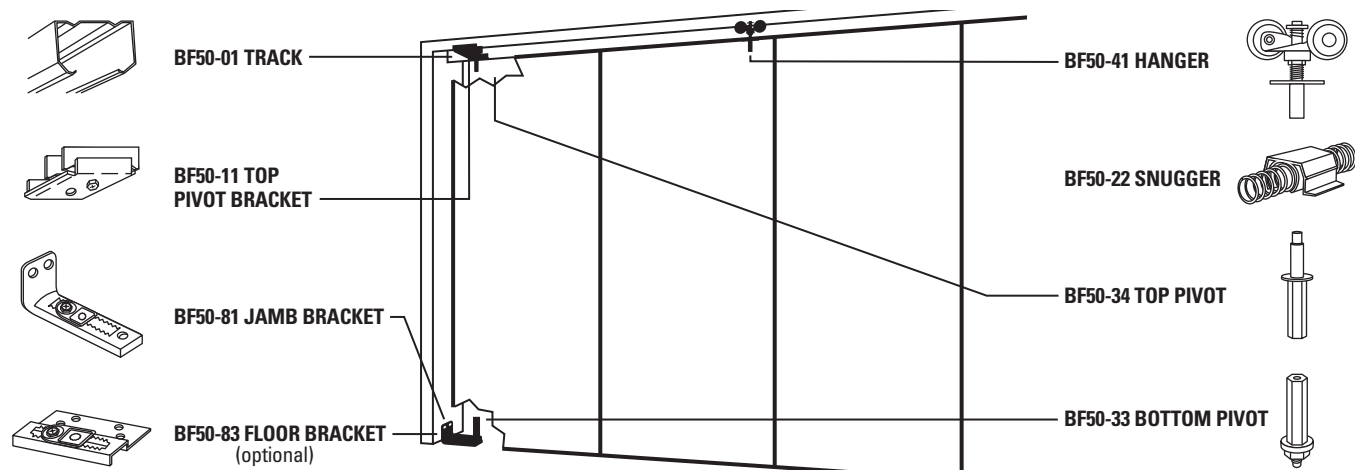


# HOW TO INSTALL

# STANLEY® SERIES BF50 Folding Door Hardware



## FOR 2 OR 4 DOOR INSTALLATIONS

UP TO 50 LBS. Ea (max. two doors to a jamb)

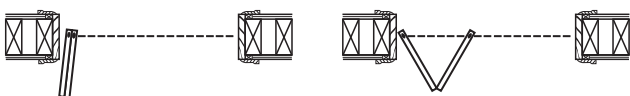
**STEP 1 - DOOR HEIGHT** - make  $2\frac{1}{4}$ " less than finished opening height. (Allow added clearance for carpeting thickness.)

**STEP 2 - DOOR WIDTH** - subtract the following from net opening width and divide by number of doors;

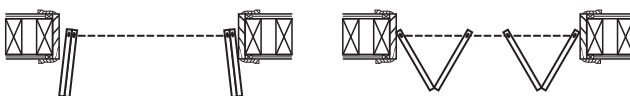
DOOR SIZE	TRIM SIZE	TWO DR. OPENING folds to one side	FOUR DR. OPENING folds to two sides
*1" to $1\frac{3}{8}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$1\frac{1}{4}$ "
1" to $1\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "
1"	without	$\frac{1}{4}$ "	$\frac{1}{2}$ "
$1\frac{3}{8}$ "	without	$\frac{3}{8}$ "	$\frac{5}{8}$ "

\*Ex: 30" less  $\frac{3}{4}$ " equals  $29\frac{1}{4}$ " divided by 2 or  $14\frac{5}{8}$ " each door.  
Above dimensions do not allow for paint thickness!

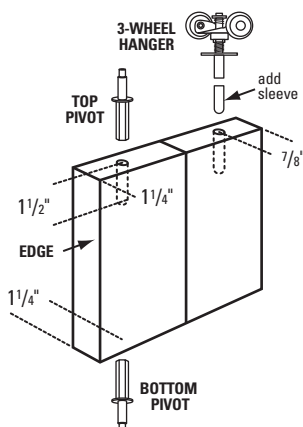
### TWO DOOR INSTALLATION



### FOUR DOOR INSTALLATION



**STEP 3** - Drill holes  $\frac{7}{16}$ " dia. x  $1\frac{1}{2}$ " (min.) deep, the distance from edge of doors shown, (A) tap top and bottom pivots into holes with light hammer blows, (B) Screw hanger T-nut in position and turn hanger into T-nut as far as possible. (Crimp in T-nut acts as lock nut.)



## FOR ACCORDION DOOR INSTALLATIONS

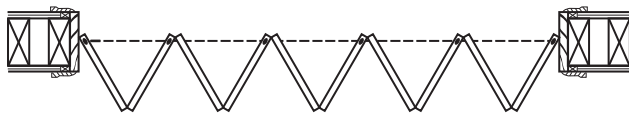
UP TO 30 LBS. Ea (more than two doors to a jamb)

**STEP 1 - DOOR HEIGHT** - make  $2\frac{1}{4}$ " less than finished opening height. (Allow added clearance for carpeting thickness.)

**STEP 2 - DOOR WIDTH** -

**EDGE HUNG TO ONE JAMB** - Any EVEN number of same size doors may be used, providing hangers are placed on every other door.

From net opening width subtract the total of  $\frac{3}{8}$ " for first pair of doors plus  $\frac{1}{16}$ " for each additional pair of doors. Then divide by total number of doors.



Ex: 10 doors in 120" net opening -  
 $\frac{3}{8}$ " plus  $\frac{1}{4}$ " ( $\frac{1}{16}$ " x 4 pr.) =  $\frac{5}{8}$ ".  $120" - \frac{5}{8}" = 119\frac{3}{8}" \div 10$   
or  $11\frac{15}{16}"$  each door.

**EDGE HUNG TO BOTH JAMBS** - Figure (as above) to each jamb separately using one half OVERALL net opening width.

**CENTER HUNG TO ONE JAMB** - One HALF door required with ANY number of full size doors, providing hangers are placed on every door starting at lead or center door.



Ex: 9 1/2 doors (9 full and 1 half) in 120" net opening -  
(1) FOR FULL SIZE DOORS: From net opening width subtract total of  $1\frac{5}{8}$ " for first pair plus  $\frac{1}{16}$ " for each additional pair, then divide by total number of doors.  
 $1\frac{5}{8}"$  plus  $\frac{1}{4}"$  ( $\frac{1}{16}"$  x 4 pr.) =  $1\frac{7}{8}"$ .  $120" - 1\frac{7}{8}" = 118\frac{1}{8}" \div 9\frac{1}{2}$  or  $12\frac{7}{16}"$  each full door.  
(2) FOR HALF DOOR: Take  $\frac{1}{2}$ " of full door plus  $1\frac{1}{4}"$ .  
 $12\frac{7}{16}" \div 2 = 6\frac{7}{32}" + 1\frac{1}{4}" = 7\frac{15}{32}"$ .

**CENTER HUNG TO BOTH JAMBS** - Figure to each jamb separately using one half OVERALL net opening width.

**STEP 3** - Drill pivot and T-nut holes same as Step 3 left hand column, except that all holes should be  $1\frac{1}{4}$ " from door edge in accordion installations (more than two doors to a jamb).



**2 OR 4 DOOR INSTALLATIONS** - continued

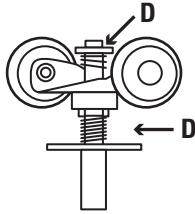
**STEP 8** (expanded) -

**A** - Find cut-outs in track.

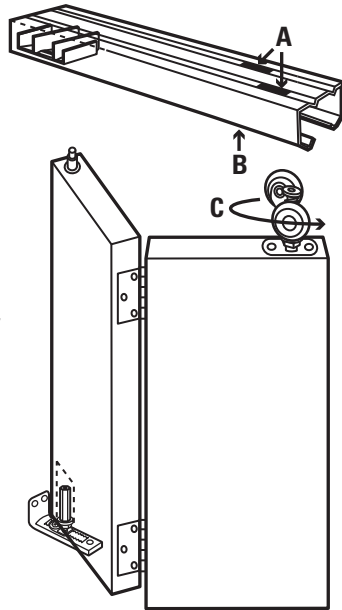
**B** - Rotate hanger to fit wheels in track from below the cut-outs.

**C** - Rotate hanger to align wheels to track.

**D** - Adjust so spring slightly compresses.



**HANGER  
SPRING DETAIL**



**ACCORDION DOOR INSTALLATIONS** - continued

**STEP 9** - To adjust doors horizontally and vertically (same as Step 7, left hand column).

**STEP 10** - Insert snugger (same as Step 8, left hand column. Where doors are mounted to both jambs, use two between lead or center doors.

**STEP 11** - (OPTIONAL) For openings over 8' wide, where edge hung doors are mounted. Install in bottom of door same as for hanger, or 1 1/4" from door edge. (Use one below each hanger.) Mortise guide channel into floor 5/8" for full concealment.

