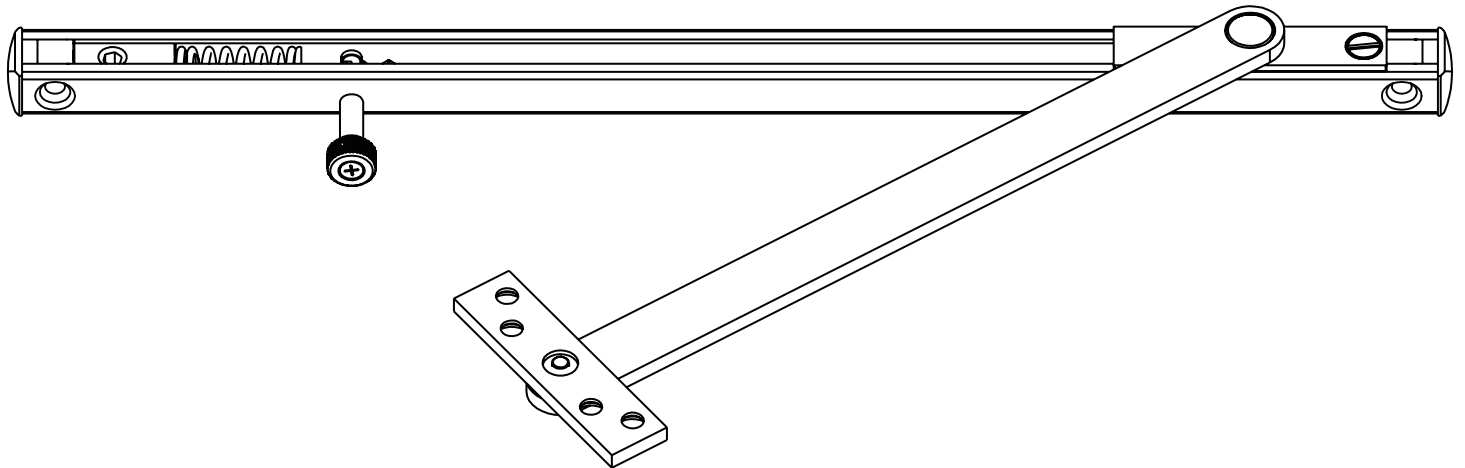


P80 Series

Overhead Stop/Hold Open

Medium duty | Surface mount



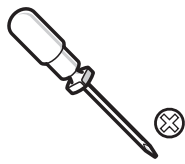
WARNING

Installers should be aware that improper installation may cause product damage and void the factory warranty.

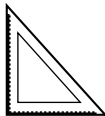
Installation Instructions

P80 Series

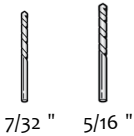
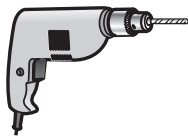
1 Tools Required



Phillips screwdriver



Set square



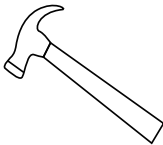
Drilling machine & heads



Chisel



Pencil

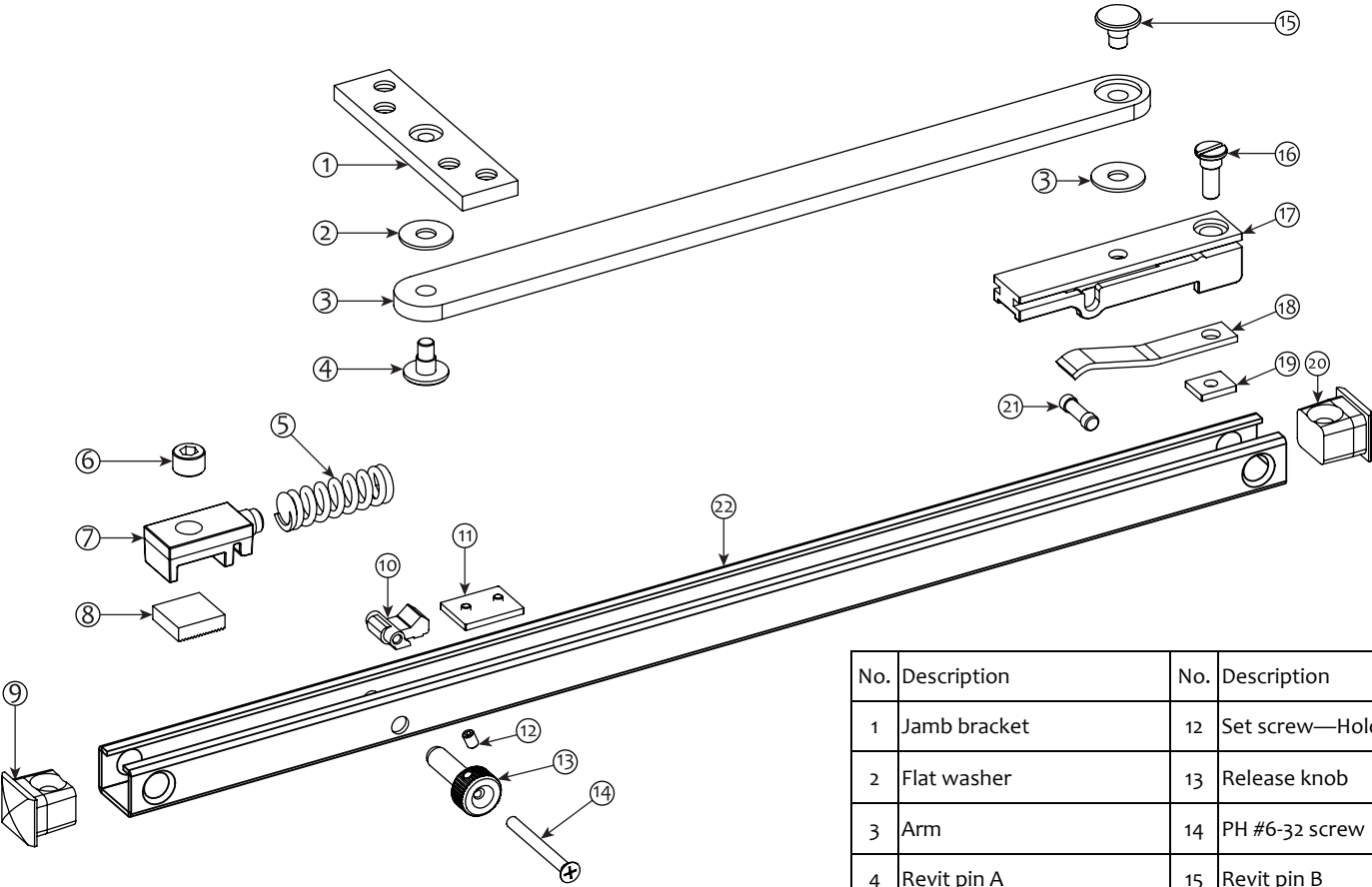


Hammer



Tape measure

2 Product Components



No.	Description	No.	Description
1	Jamb bracket	12	Set screw—Hold open
2	Flat washer	13	Release knob
3	Arm	14	PH #6-32 screw
4	Revit pin A	15	Revit pin B
5	Spring	16	Adjusting screw
6	Set screw-adjusting block	17	Cam slider
7	Adjusting block	18	Hold open spring
8	Blocking plate	19	Adjusting nut
9	End cap A	20	End cap B
10	Hold open latch	21	Latch retaining pin
11	Stop plate	22	Channel

P80 Series

3

Installation

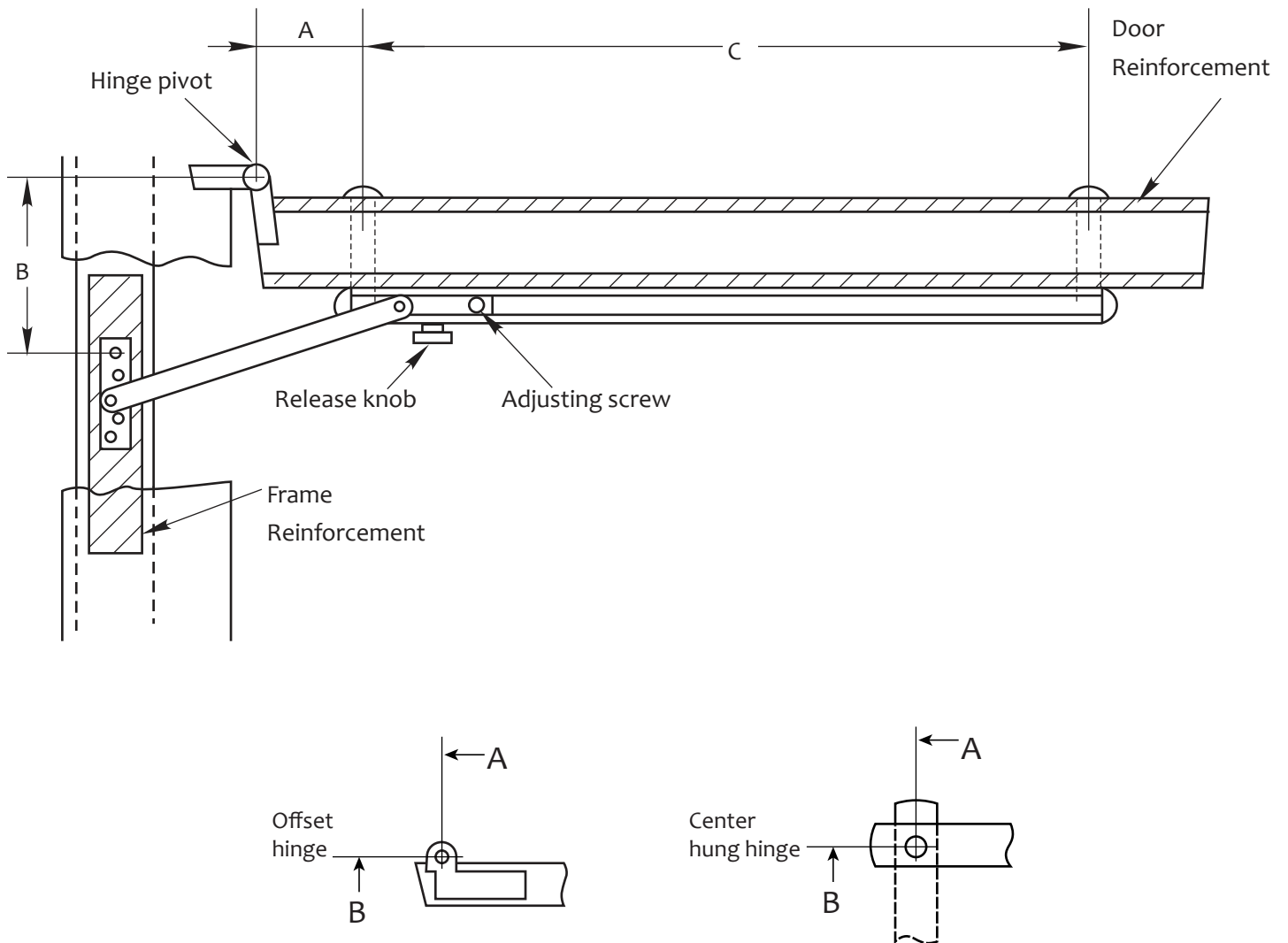


Figure 1 Installation diagram

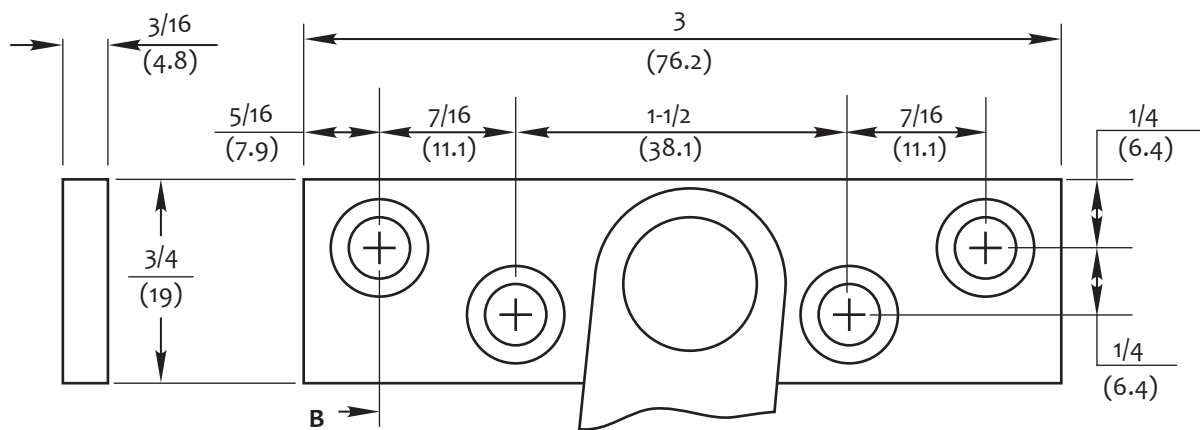


Figure 2 Jamb bracket screw hole dimensions

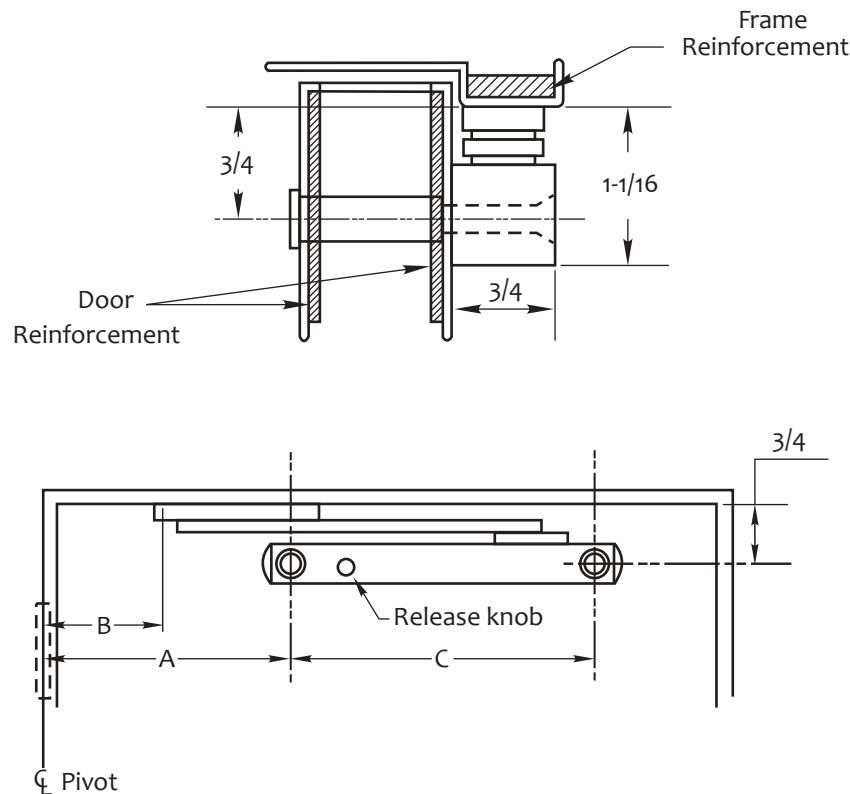


Figure 3 Channel screw hole positioning

1. Select and mark dimensions

- Select the correct dimensions from Figure 4 for Figure 1, according to the door opening and opening angle.
- Select dimension A and C, mark on the door for channel. (Figure 1)
- Select dimension B and mark on the door frame for jamb bracket. (Figure 1)

Note: The dimensions A, B and C are measured from the pivot center of the hinges, not from the door edge.

2. Drill and install channel (Figure 1)

- Drill 5/16" through holes at dimensions A and C, 3/4" below the top door frame respectively, ensure holes A and C are level and parallel to the top door frame. (Figure 1, 3)
- Secure the channel with the provided pins and screws.

Note: The channel must be properly reinforced as shown in the diagram. (Figure 3)

3. Install jamb bracket

- Install the jamb bracket on the door frame according to dimension B. (Figure 1, 2)

Note: The jamb bracket shall be reinforced with a backer plate not less than 3/16" thick and 12" long. (Figure 1)

4. The illustrations show a left-hand door installation. For right-hand doors, reverse the positioning and installation accordingly.

P80 Series

3

Installation(cont.)

P80 dimension list									
Hinge	Model	Door opening	90°		100°		110°		C
			A	B	A	B	A	B	
$1\frac{3}{4} \sim 2\frac{1}{4}$ door thickness, Butt hinge with $\frac{3}{4}$ offset	P801	18 ~ 24	$2\frac{1}{2}$	$3\frac{9}{16}$	$1\frac{13}{16}$	$3\frac{9}{16}$	$1\frac{1}{4}$	$3\frac{9}{16}$	$14\frac{13}{16}$
	P802	$24\frac{1}{16} \sim 30$	$5\frac{9}{16}$	$4\frac{3}{16}$	$4\frac{13}{16}$	$4\frac{3}{16}$	$4\frac{1}{8}$	$4\frac{3}{16}$	16
	P803	$30\frac{1}{16} \sim 36$	$8\frac{3}{4}$	$5\frac{3}{8}$	$7\frac{3}{4}$	$5\frac{3}{8}$	$6\frac{15}{16}$	$5\frac{3}{8}$	$17\frac{3}{4}$
	P804	$36\frac{1}{16} \sim 42$	$12\frac{7}{16}$	$7\frac{1}{16}$	$11\frac{3}{16}$	$7\frac{1}{16}$	$10\frac{1}{8}$	$7\frac{1}{16}$	$20\frac{3}{16}$
	P805	$42\frac{1}{16} \sim 48$	$16\frac{3}{4}$	$8\frac{5}{16}$	$15\frac{5}{16}$	$8\frac{5}{16}$	14	$8\frac{5}{16}$	22
$1\frac{3}{4} \sim 2\frac{1}{4}$ door thickness, Center hung hinge	P801	$21 \sim 26\frac{1}{2}$	$3\frac{1}{16}$	4	$2\frac{5}{16}$	4	$1\frac{11}{16}$	4	$14\frac{13}{16}$
	P802	$26\frac{9}{16} \sim 32$	$6\frac{1}{8}$	$4\frac{7}{8}$	$5\frac{1}{4}$	$4\frac{7}{8}$	$4\frac{7}{16}$	$4\frac{7}{8}$	16
	P803	$32\frac{1}{16} \sim 38$	$9\frac{5}{16}$	6	$8\frac{1}{4}$	6	$7\frac{1}{4}$	6	$17\frac{3}{4}$
	P804	$38\frac{1}{16} \sim 45$	13	$7\frac{5}{8}$	$11\frac{5}{8}$	$7\frac{5}{8}$	$10\frac{3}{8}$	$7\frac{5}{8}$	$20\frac{3}{16}$
	P805	$45\frac{1}{16} \sim 48$	$17\frac{5}{16}$	$8\frac{7}{8}$	$15\frac{3}{4}$	$8\frac{7}{8}$	$14\frac{5}{16}$	$8\frac{7}{8}$	22

Figure 4 Installation dimensions

4 Trial Operation

Note: After installation, perform multiple door operation tests (at least 10 cycles recommended):

- a Slowly open the door to the maximum opening angle and verify it reaches the preset stop angle.
- b Check whether cushioning occurs as the door approaches the stop position.
- c Release the door and confirm it returns properly (when used with a door closer).
- d Ensure the Channel and arm operate smoothly without binding, abnormal noise, or vibration.
- e Turn the release knob counterclockwise 180° to verify that the hold-open function is disengaged. (Figure 5)

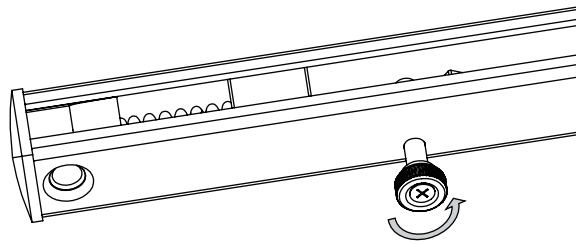


Figure 5