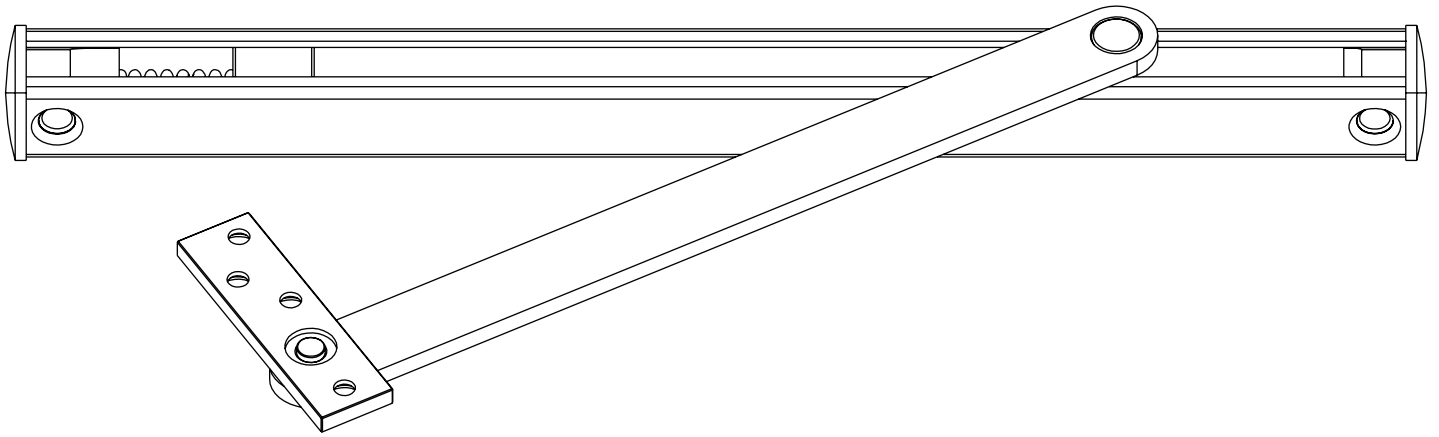


P30 Series

Overhead Stop

Heavy duty | Surface mount



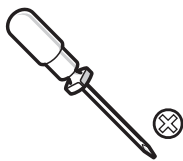
WARNING

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

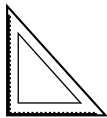
Installation Instructions

P30 Series

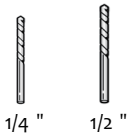
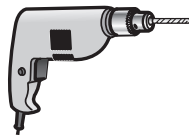
1 Tools Required



Phillips screwdriver



Set square



Drilling machine & heads



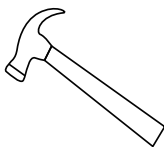
Chisel



Pencil

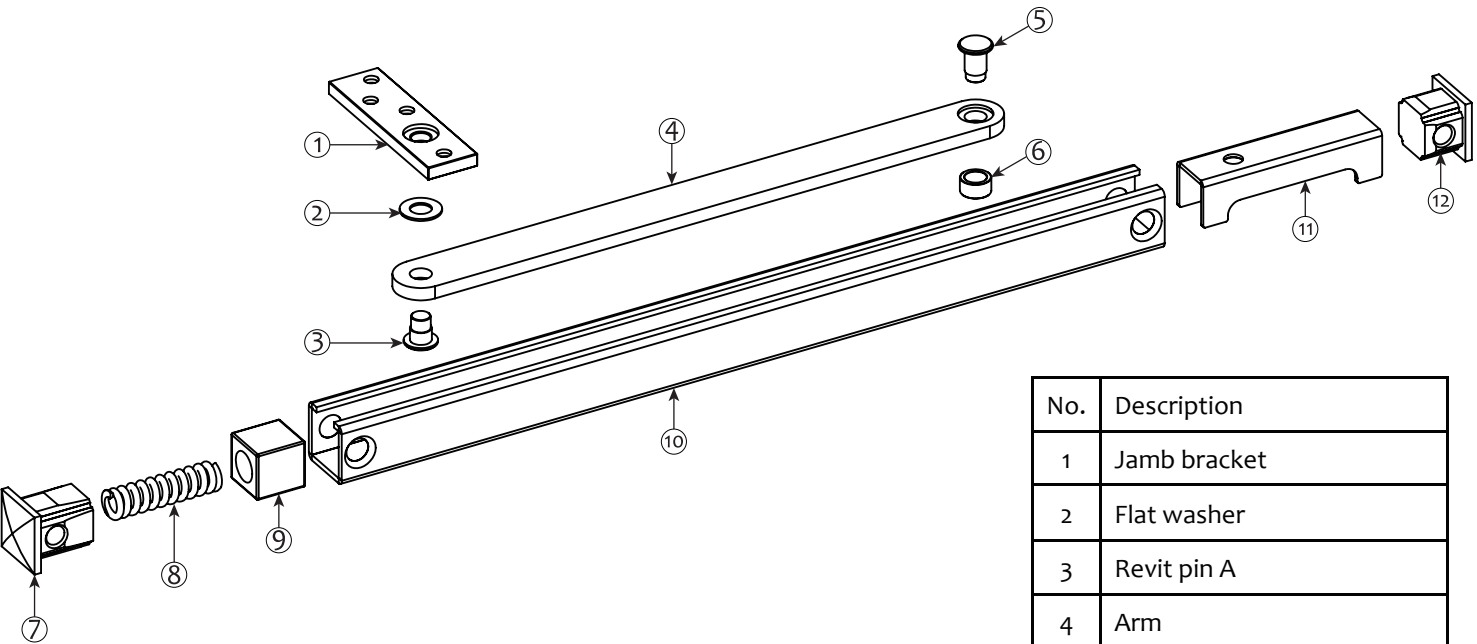


Tape measure



Hammer

2 Product Components



No.	Description
1	Jamb bracket
2	Flat washer
3	Revit pin A
4	Arm
5	Revit pin B
6	Sleeve
7	End cap A
8	Spring
9	Shock block
10	Channel
11	Cam slider
12	End cap B

P30 Series

3

Installation

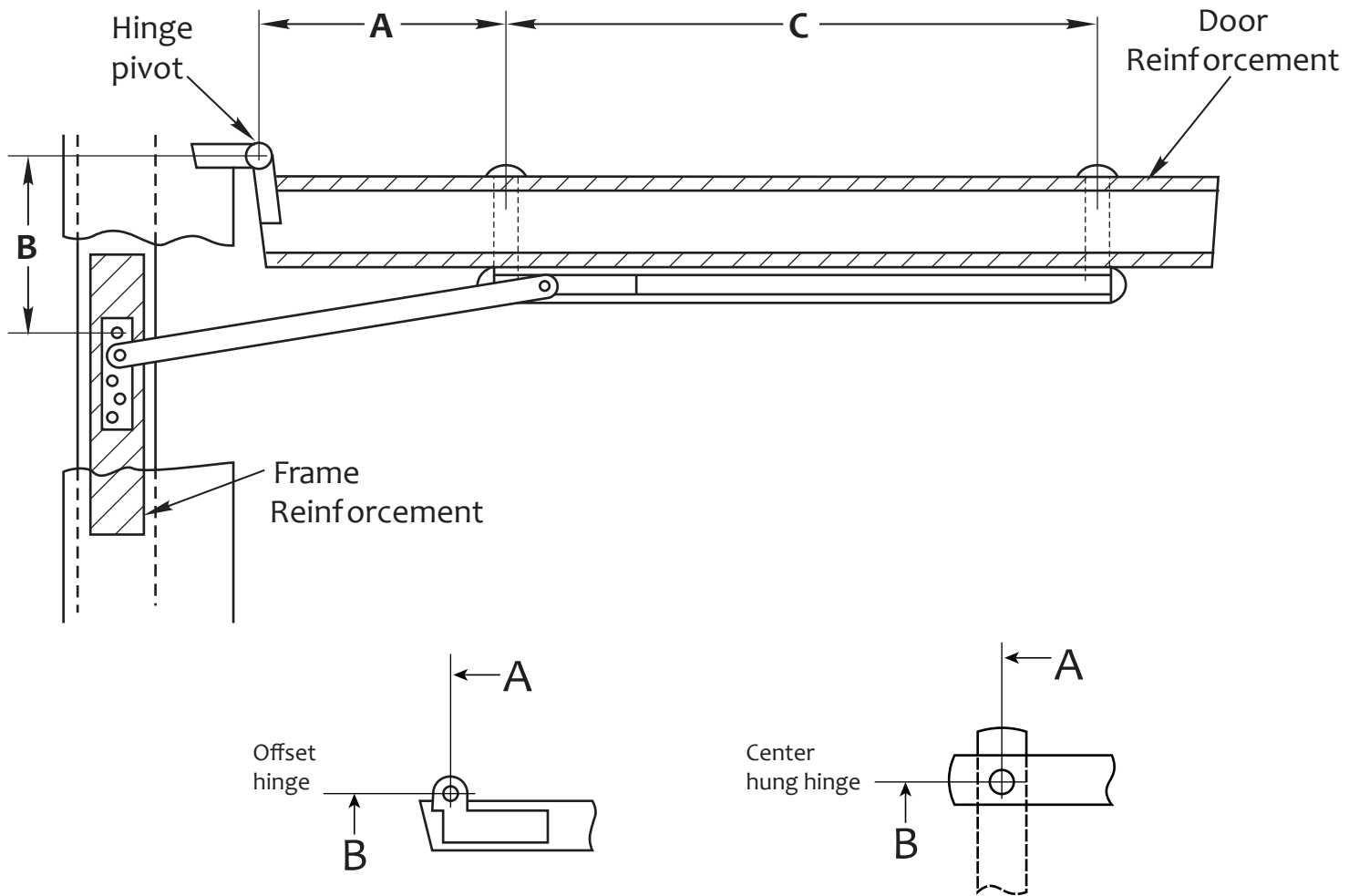


Figure 1 Installation diagram

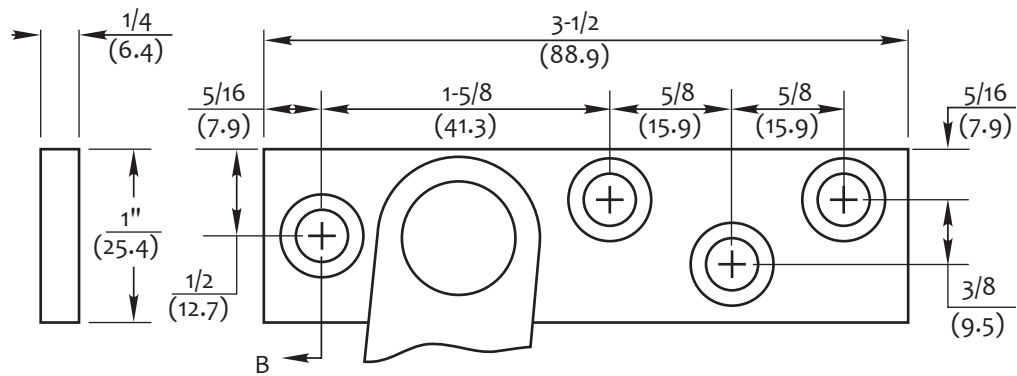


Figure 2 Jamb bracket screw hole dimensions

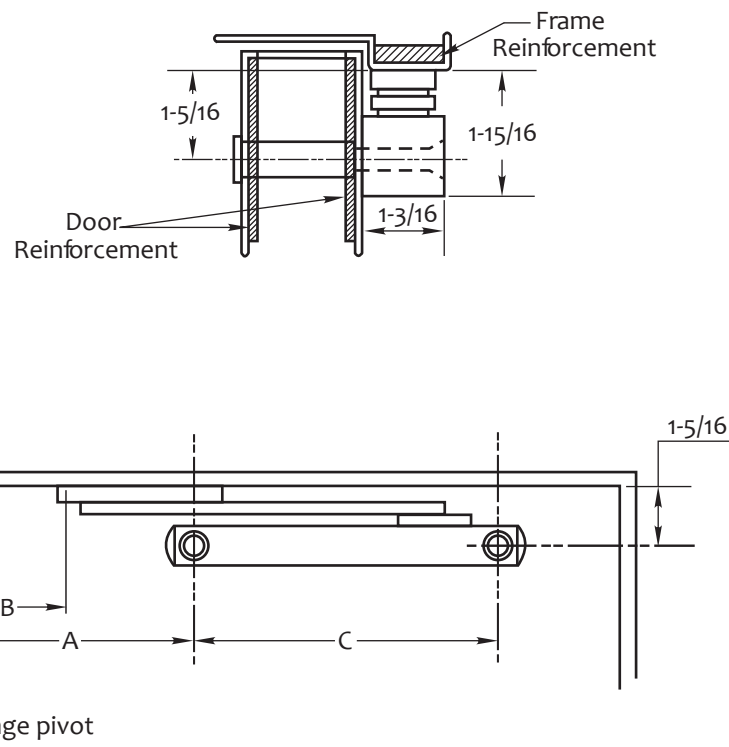


Figure 3 Channel screw hole positioning

1. Select and mark dimensions

- Select the correct dimensions from Figure 5 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 2)

- Drill 1/2" through holes at dimensions A and C, 1-5/16" below the top door frame respectively, ensure holes A and C are level and parallel to the top door frame.
- Secure the channel with the provided pins and screws.

Note: The channel installation requires two reinforcement plates measuring 2-1/2" wide and 3/16" thick, matching the full door width, and shall be reinforced as shown. (Figure 2)

3. Install jamb bracket

- Install the jamb bracket on the door frame according to dimension B. (Figure 1, 2)
- The channels should be properly reinforced during installation as shown. (Figure 4)

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.

P30 Series

3

Installation(cont.)

P30 dimension list									
Hinge	Model	Door opening	90°		100°		110°		C
			A	B	A	B	A	B	
1 $\frac{3}{4}$ ~2 $\frac{1}{4}$ door thickness, Butt hinge with $\frac{3}{4}$ offset	P301	24 ~ 28	4 $\frac{1}{4}$	4 $\frac{3}{8}$	3 $\frac{11}{16}$	3 $\frac{13}{16}$	-----	-----	15 $\frac{15}{16}$
	P302	28 $\frac{1}{16}$ ~ 33	6	5 $\frac{7}{16}$	5 $\frac{3}{8}$	4 $\frac{13}{16}$	4 $\frac{15}{16}$	4 $\frac{5}{16}$	17 $\frac{3}{16}$
	P303	33 $\frac{1}{16}$ ~ 38	9 $\frac{1}{2}$	6 $\frac{3}{4}$	8 $\frac{3}{4}$	5 $\frac{15}{16}$	8 $\frac{3}{16}$	5 $\frac{3}{8}$	18 $\frac{11}{16}$
	P304	38 $\frac{1}{16}$ ~ 43	12 $\frac{1}{4}$	8 $\frac{1}{2}$	11 $\frac{3}{8}$	7 $\frac{9}{16}$	10 $\frac{11}{16}$	6 $\frac{7}{8}$	20 $\frac{13}{16}$
	P305	43 $\frac{1}{16}$ ~ 48	15 $\frac{3}{4}$	9 $\frac{3}{4}$	14 $\frac{3}{4}$	8 $\frac{5}{8}$	14	7 $\frac{13}{16}$	22 $\frac{5}{16}$
1 $\frac{3}{4}$ ~2 $\frac{1}{4}$ door thickness, Center hung hinge	P301	25 $\frac{1}{2}$ ~ 30	4 $\frac{3}{4}$	5 $\frac{1}{4}$	4 $\frac{3}{16}$	4 $\frac{11}{16}$	3 $\frac{11}{16}$	4 $\frac{3}{16}$	15 $\frac{15}{16}$
	P302	30 $\frac{1}{16}$ ~ 36	6 $\frac{1}{2}$	6 $\frac{1}{8}$	5 $\frac{13}{16}$	5 $\frac{7}{16}$	5 $\frac{5}{16}$	4 $\frac{15}{16}$	17 $\frac{3}{16}$
	P303	36 $\frac{1}{16}$ ~ 41	10	7 $\frac{1}{2}$	9 $\frac{3}{16}$	6 $\frac{11}{16}$	8 $\frac{9}{16}$	6 $\frac{1}{16}$	18 $\frac{11}{16}$
	P304	41 $\frac{1}{16}$ ~ 46	12 $\frac{13}{16}$	9 $\frac{3}{16}$	11 $\frac{13}{16}$	8 $\frac{3}{16}$	11 $\frac{1}{8}$	7 $\frac{1}{2}$	20 $\frac{13}{16}$
	P305	46 $\frac{1}{16}$ ~ 50	16 $\frac{3}{8}$	10 $\frac{1}{2}$	15 $\frac{1}{4}$	9 $\frac{3}{8}$	14 $\frac{3}{8}$	8 $\frac{1}{2}$	22 $\frac{5}{16}$

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 track and arm operate smoothly without binding, abnormal noise, or vibration.