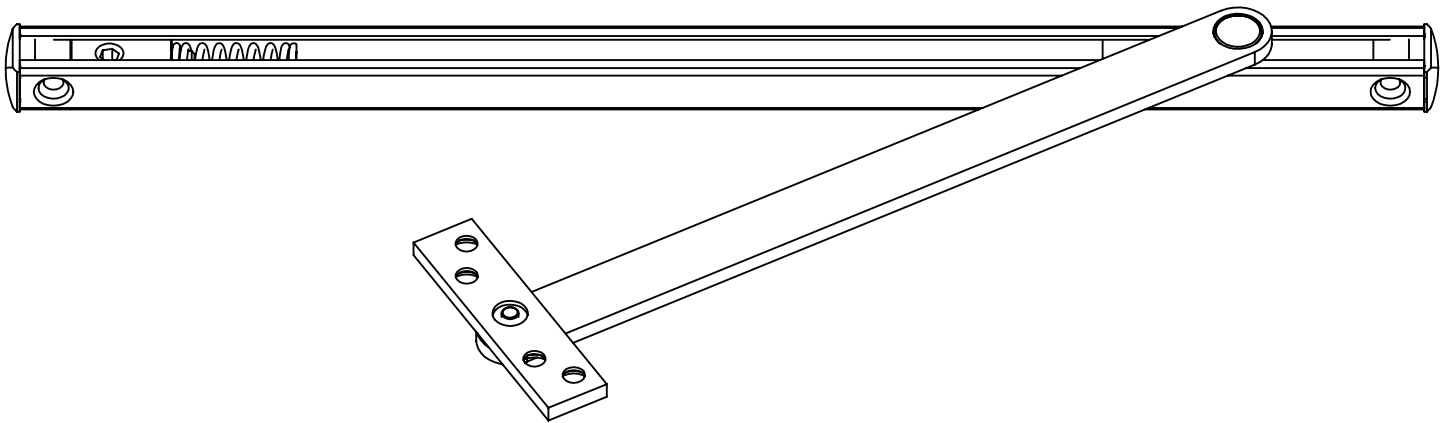


P40 Series

Overhead Stop

Medium duty | Surface mount



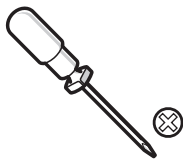
WARNING

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

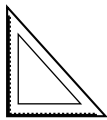
Installation Instructions

P40 Series

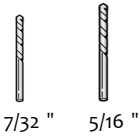
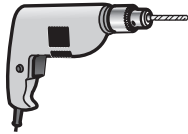
1 Tools Required



Phillips screwdriver



Set square



Drilling machine & heads



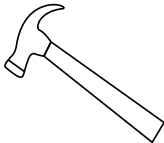
Chisel



Pencil



Tape measure

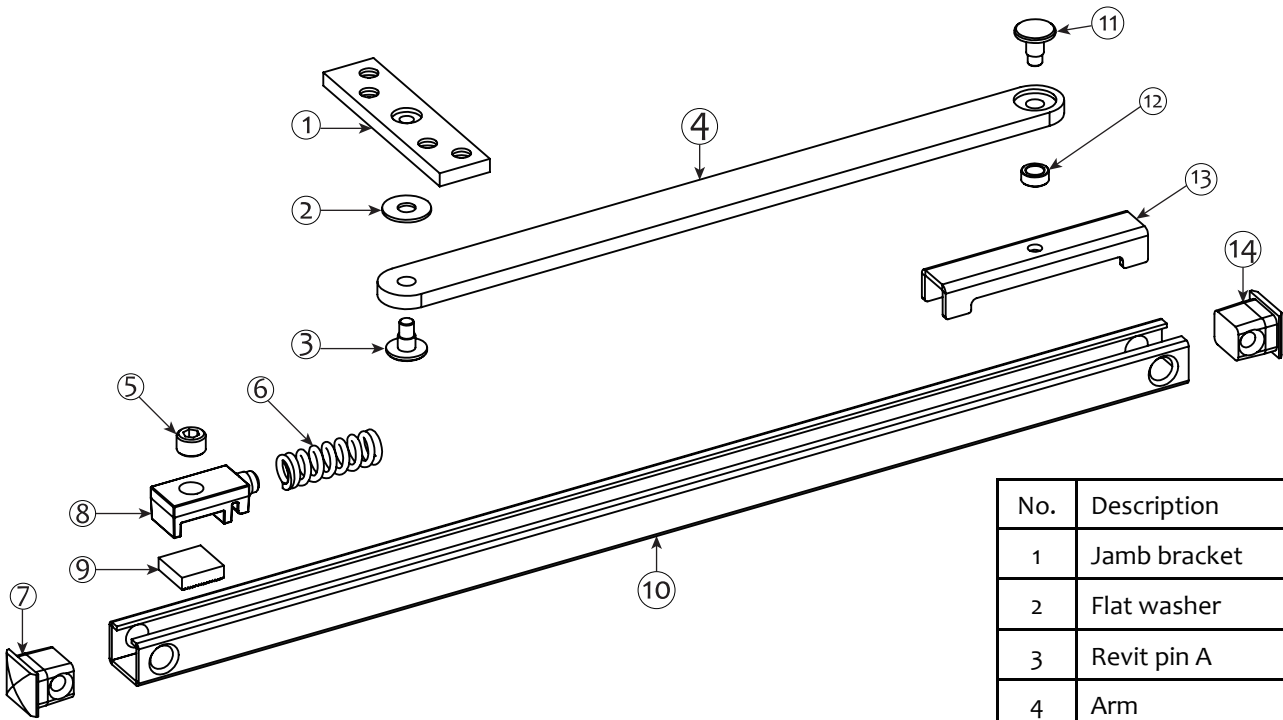


Hammer



3/16" Allen wrench

2 Product Components



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

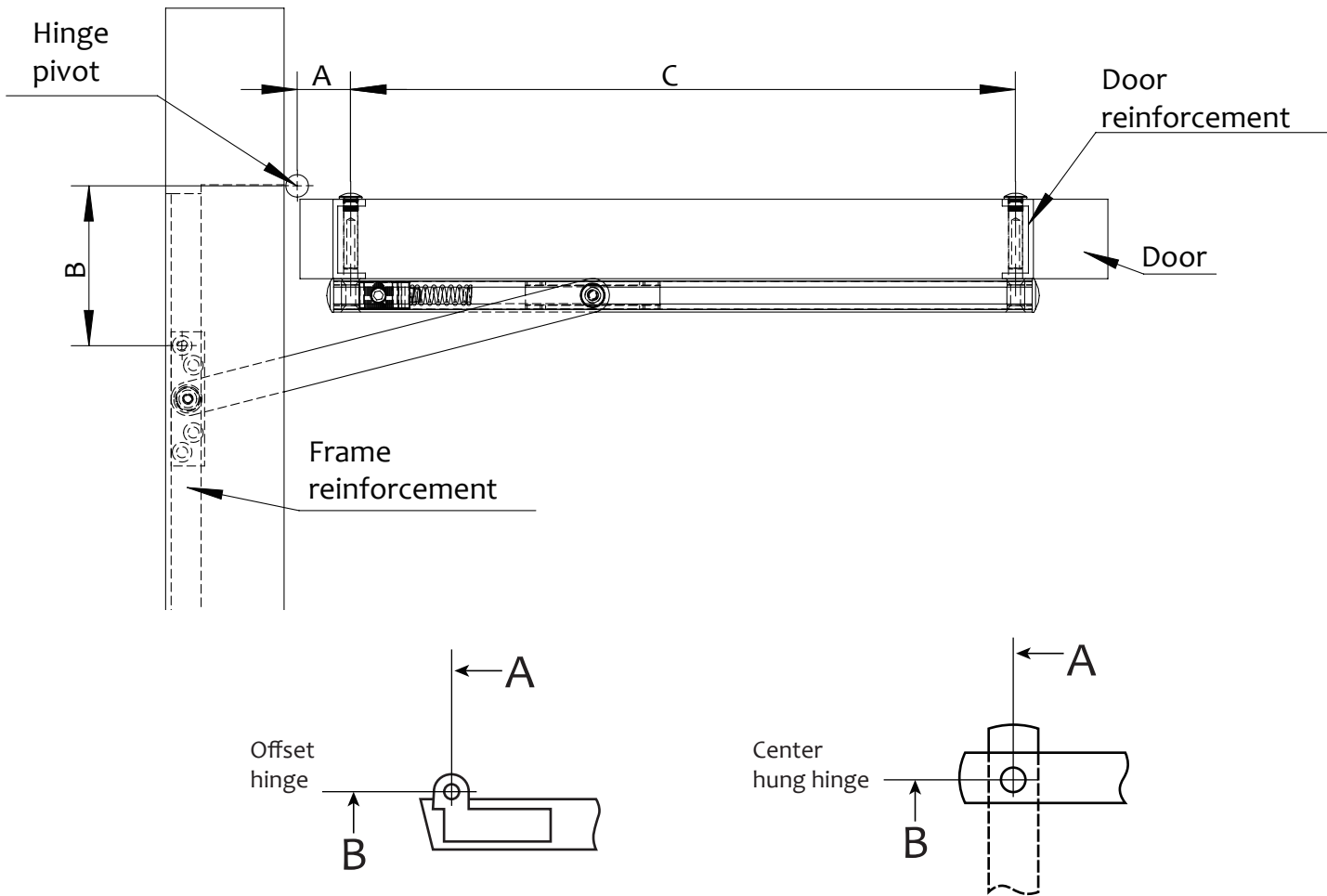


Figure 1 Installation diagram

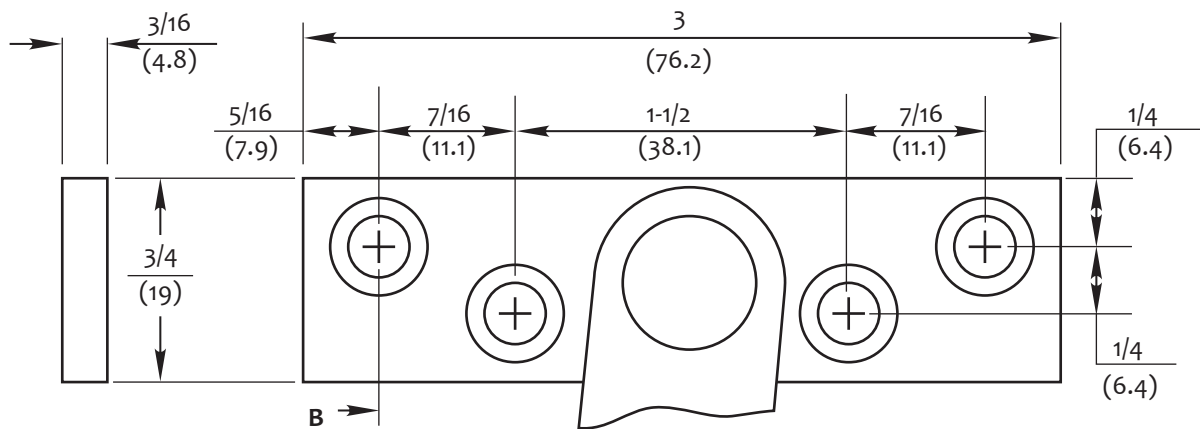


Figure 2 Jamb bracket screw hole dimensions

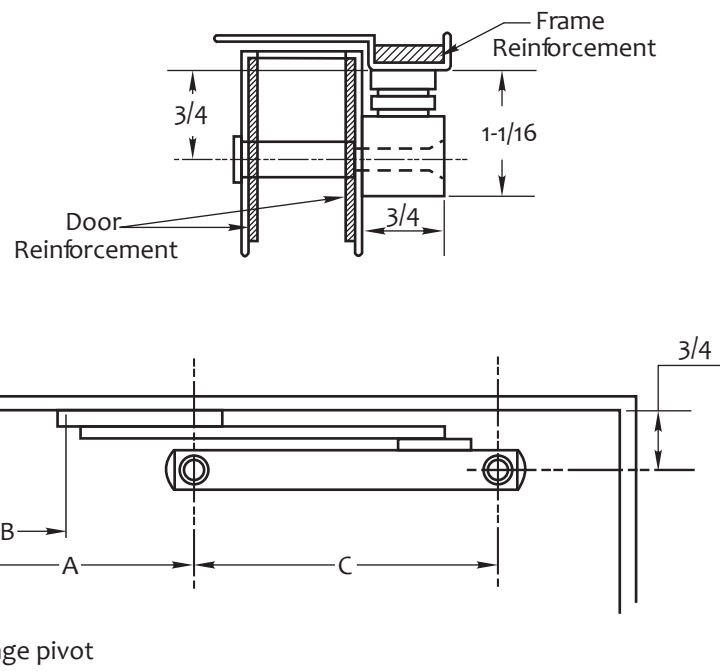


Figure 3 Channel screw hole positioning

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.
- 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.

3

Installation(cont.)

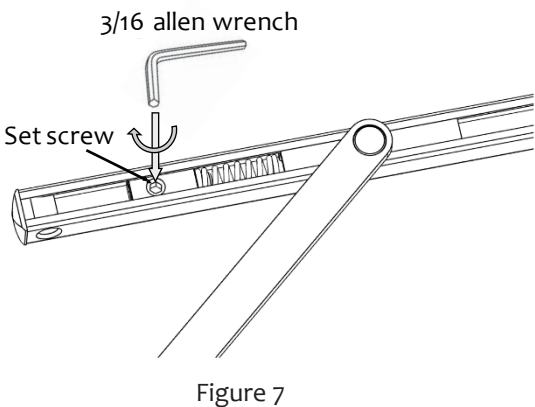
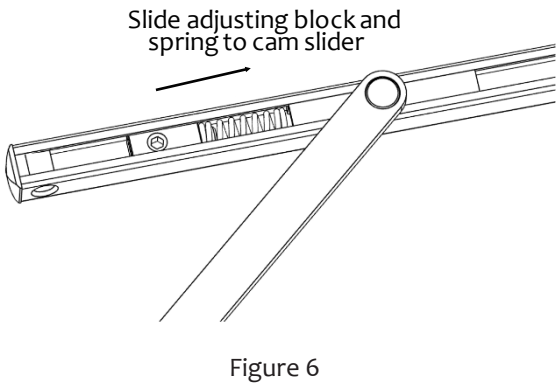
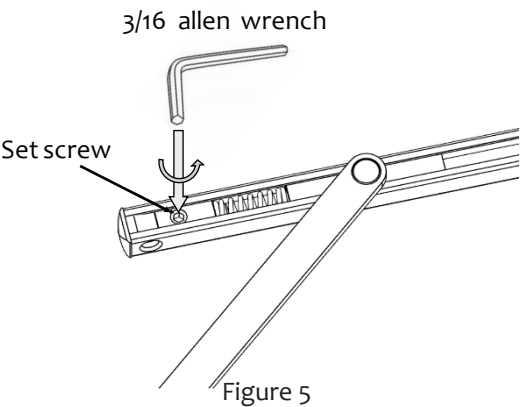
P40 dimension list					
Hinge	Model	Door opening	Dimensions		
			A	B	C
$1\frac{3}{4} \sim 2\frac{1}{4}$ door thickness, Butt hinge with $\frac{3}{4}$ offset	P401	18 ~ 24	$1\frac{3}{16}$	$3\frac{9}{16}$	$14\frac{13}{16}$
	P402	$24\frac{1}{16} \sim 30$	$3\frac{3}{4}$	$4\frac{3}{16}$	16
	P403	$30\frac{1}{16} \sim 36$	$6\frac{9}{16}$	$5\frac{3}{8}$	$17\frac{3}{4}$
	P404	$36\frac{1}{16} \sim 42$	$9\frac{13}{16}$	$7\frac{1}{16}$	$20\frac{3}{16}$
	P405	$42\frac{1}{16} \sim 48$	$13\frac{3}{4}$	$8\frac{5}{16}$	22
$1\frac{3}{4} \sim 2\frac{1}{4}$ door thickness, Center hung hinge	P401	$21 \sim 26\frac{1}{2}$	$1\frac{5}{8}$	4	$14\frac{13}{16}$
	P402	$26\frac{9}{16} \sim 32$	$4\frac{7}{16}$	$4\frac{7}{8}$	16
	P403	$32\frac{1}{16} \sim 38$	$7\frac{3}{16}$	6	$17\frac{3}{4}$
	P404	$38\frac{1}{16} \sim 45$	$10\frac{3}{8}$	$7\frac{5}{8}$	$20\frac{3}{16}$
	P405	$45\frac{1}{16} \sim 48$	$14\frac{5}{16}$	$8\frac{7}{8}$	22

Figure 4 Installation dimensions

4

Adjust door opening angle

- Loose the set screw with a 3/16" allen wrench (Figure 5)
- Open the door to the required angle.
- Slide the adjusting block and spring to touch with the cam slider. (Figure 6)
- Tight the set screw. (Figure 7)



P40 Series

5

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.