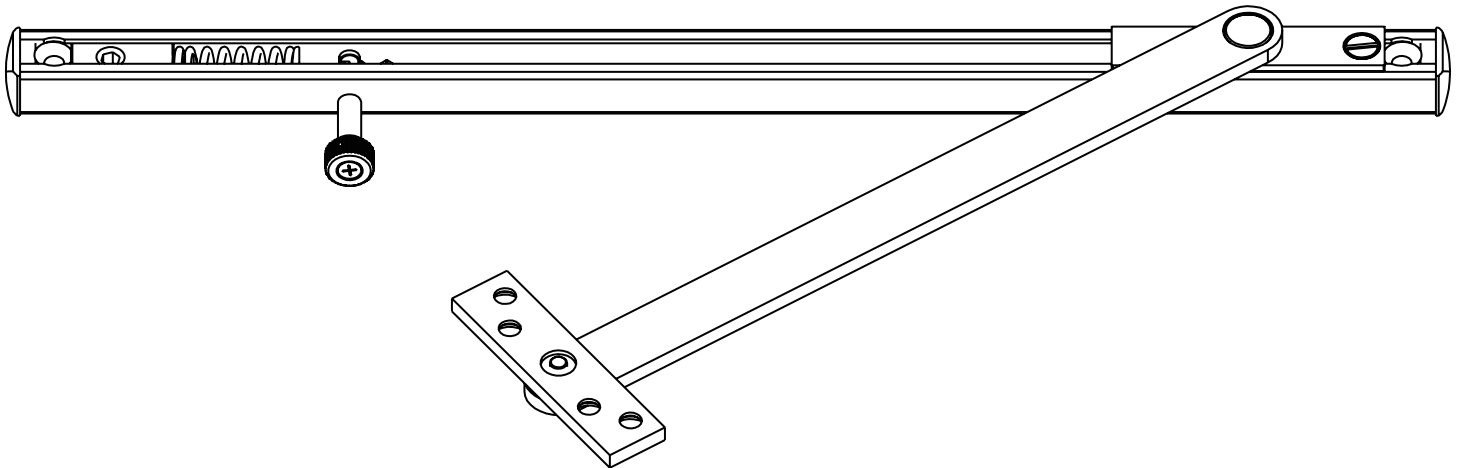


P60 Series

Overhead Stop/Hold Open

Medium duty | Concealed mount



WARNING

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

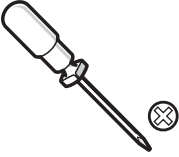
Installation Instructions

HARDWOOD®

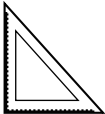
P60 Series

1

Tools Required



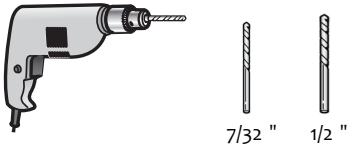
Phillips screwdriver



Set square



Tape measure



Drilling machine & heads

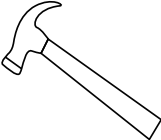
7/32 " 1/2 "



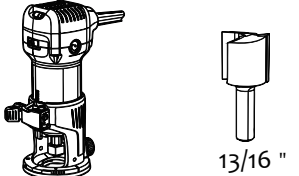
Chisel



Pencil



Hammer

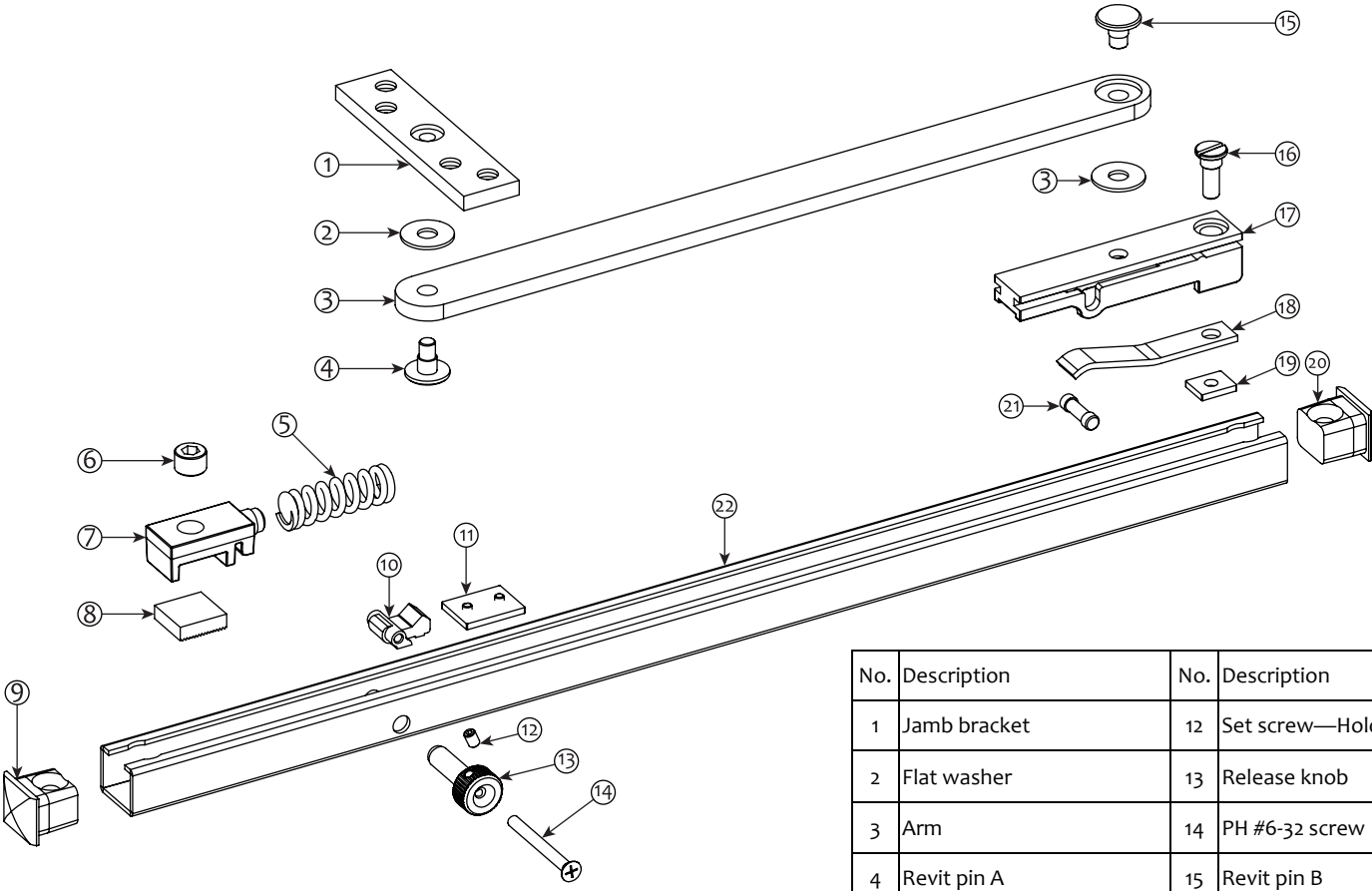


wood router & Slotting bit

13/16 "

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

P60 Series

3

Installation

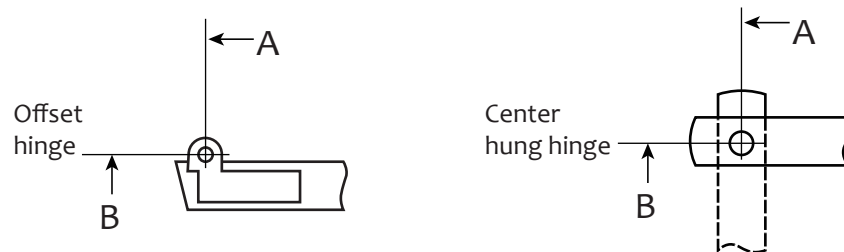
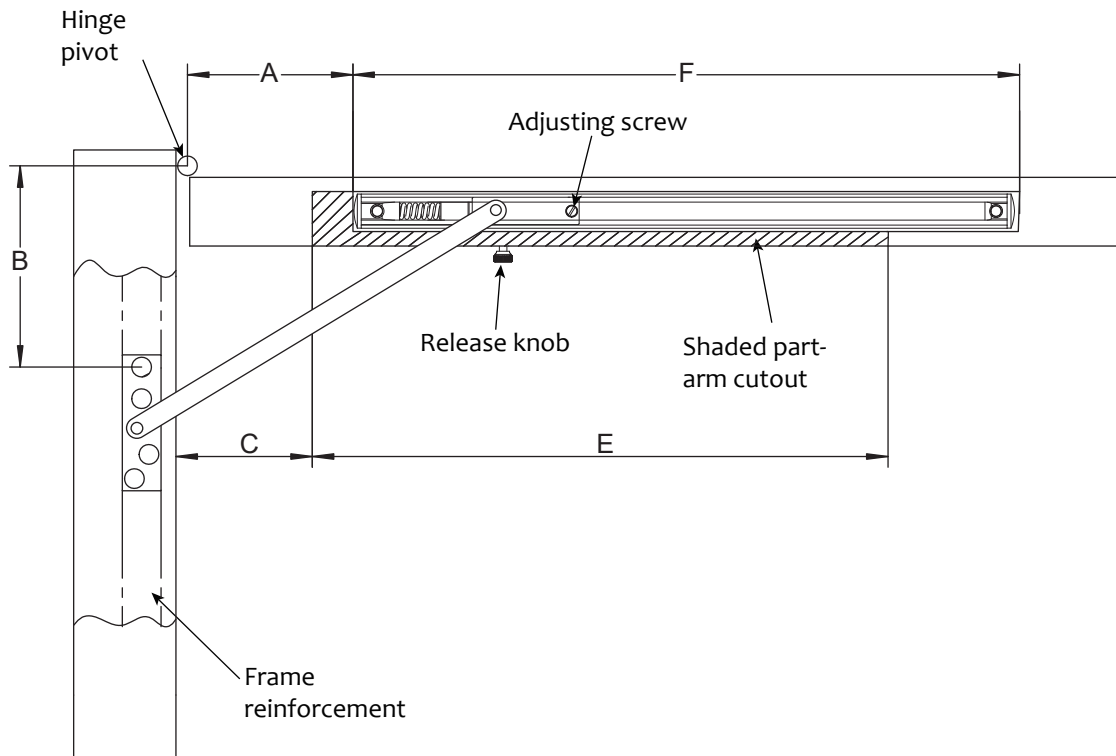


Figure 1 Installation diagram

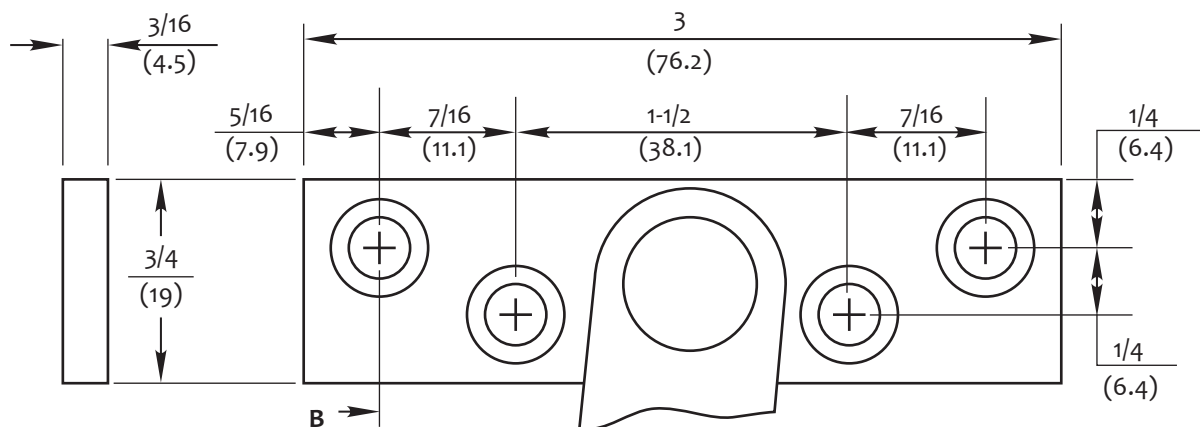


Figure 2 Jamb bracket screw hole dimensions

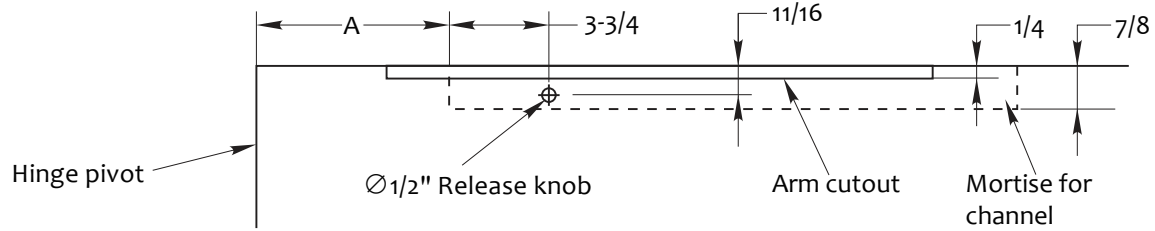


Figure 3 Door top rail mortise and arm clearance cutout

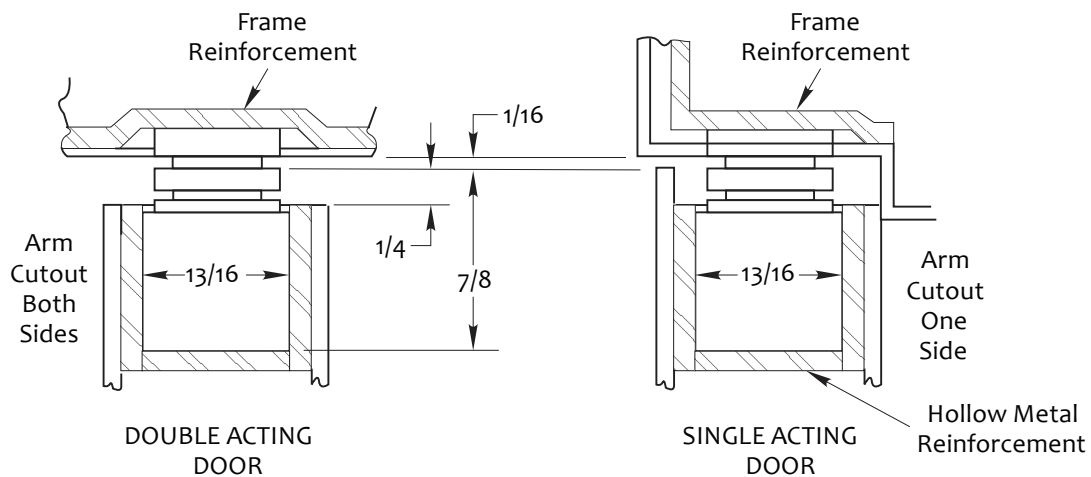


Figure 4 Arm cutout for single and double acting doors

1. Select and mark dimensions

- Select the correct dimensions from Figure 5 for Figure 1, according to the door opening and opening angle.
- Select and mark dimension B on the door frame for jamb bracket. (Figure 1)
- Mark jamb bracket position. (Figure 2)
- Mark dimensions A, F, C, E on the door top.
- Note that the dimensions A, B and C are measured from the pivot center of the hinges, not from the door edge.

2. Cutout for jamb bracket

- Make 3/16" depth cutout for jamb bracket (Figure 2)
- The jamb bracket shall be reinforced with a backer plate not less than 3/16" thick and 12" long. (Figure 4)

3. Mortise for channel

- Chisel a 7/8" deep×13/16" wide mortise for the channel according to dimension F. (Figure 1, 3)
- Maintain a 1/16" clearance between the arm and the door frame. Adjust the mortise dimensions as required to achieve proper clearance. (Figure 4)
- The channel should be properly reinforced during installation as shown. (Figure 4)
- Drill a 1/2" hole for release knob, 3-3/4" from dimension A, and 11/16" below the door top edge. (Figure 3)

4. Cutout for arm

- Make cutout 1/4" deep for arm, according to dimension E. (Figure 1, 3)
- Determine whether to provide cutouts on both sides based on single-swing or double-swing door configuration. (Figure 4)

5. Secure the channel and jamb bracket with the screws provided.

P60 Series

3

Installation(cont.)

P60 dimension list															
Hinge	Mod e	Door opening	90°				100°				110°				F
			A	B	C	E	A	B	C	E	A	B	C	E	
1 $\frac{3}{4}$ ~ 2 $\frac{1}{4}$ door thickness, Butt hinge with $\frac{3}{4}$ offset	P601	18 ~ 24	2	5 $\frac{1}{16}$	4	15 $\frac{5}{16}$	1 $\frac{5}{8}$	4 $\frac{3}{8}$	3 $\frac{5}{16}$	15 $\frac{5}{16}$	1 $\frac{7}{16}$	3 $\frac{11}{16}$	0	15 $\frac{5}{16}$	17 $\frac{3}{16}$
	P602	24 $\frac{1}{16}$ ~ 30	5 $\frac{7}{8}$	4 $\frac{3}{8}$	3 $\frac{1}{4}$	16 $\frac{9}{16}$	5	4 $\frac{3}{8}$	3 $\frac{1}{4}$	16 $\frac{9}{16}$	4 $\frac{1}{4}$	4 $\frac{3}{8}$	3 $\frac{1}{4}$	16 $\frac{9}{16}$	18 $\frac{7}{16}$
	P603	30 $\frac{1}{16}$ ~ 36	9	5 $\frac{9}{16}$	4 $\frac{7}{16}$	19	8	5 $\frac{9}{16}$	4 $\frac{7}{16}$	19	7 $\frac{1}{16}$	5 $\frac{9}{16}$	4 $\frac{7}{16}$	19	19 $\frac{15}{16}$
	P604	36 $\frac{1}{16}$ ~ 42	12 $\frac{5}{8}$	7 $\frac{1}{4}$	6 $\frac{1}{8}$	23	11 $\frac{5}{16}$	7 $\frac{1}{4}$	6 $\frac{1}{8}$	23	10 $\frac{3}{16}$	7 $\frac{1}{4}$	6 $\frac{1}{8}$	23	22 $\frac{1}{16}$
	P605	42 $\frac{1}{16}$ ~ 48	17	8 $\frac{1}{2}$	7 $\frac{3}{8}$	27 $\frac{1}{2}$	15 $\frac{7}{16}$	8 $\frac{1}{2}$	7 $\frac{3}{8}$	27 $\frac{1}{2}$	14 $\frac{1}{16}$	8 $\frac{1}{2}$	7 $\frac{3}{8}$	27 $\frac{1}{2}$	23 $\frac{9}{16}$
1 $\frac{3}{4}$ ~ 2 $\frac{1}{4}$ door thickness, Center hung hinge	P601	-----	---	---	---	---	---	---	---	---	---	---	---	---	---
	P602	27 ~ 32	5 $\frac{7}{16}$	6 $\frac{1}{8}$	5 $\frac{1}{4}$	15 $\frac{5}{8}$	5 $\frac{7}{16}$	4 $\frac{5}{8}$	3 $\frac{3}{4}$	15 $\frac{5}{8}$	5 $\frac{7}{16}$	3 $\frac{1}{2}$	2 $\frac{5}{8}$	15 $\frac{5}{8}$	18 $\frac{7}{16}$
	P603	32 $\frac{1}{16}$ ~ 38 $\frac{1}{2}$	9 $\frac{1}{2}$	6	5 $\frac{1}{4}$	19	8 $\frac{5}{16}$	6	5 $\frac{1}{4}$	19	7 $\frac{1}{4}$	6	5 $\frac{1}{4}$	19	19 $\frac{15}{16}$
	P604	38 $\frac{9}{16}$ ~ 45	13 $\frac{1}{8}$	7 $\frac{11}{16}$	6 $\frac{13}{16}$	23	11 $\frac{5}{8}$	7 $\frac{11}{16}$	6 $\frac{13}{16}$	23	10 $\frac{5}{16}$	7 $\frac{11}{16}$	6 $\frac{13}{16}$	23	22 $\frac{1}{16}$
	P605	45 $\frac{1}{16}$ ~ 48	17 $\frac{1}{2}$	8 $\frac{15}{16}$	8 $\frac{1}{16}$	27 $\frac{1}{2}$	15 $\frac{13}{16}$	8 $\frac{15}{16}$	8 $\frac{1}{16}$	27 $\frac{1}{2}$	14 $\frac{5}{16}$	8 $\frac{15}{16}$	8 $\frac{1}{16}$	27 $\frac{1}{2}$	23 $\frac{9}{16}$

Figure 5 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 Verify that the door holds securely at the preset hold-open angle and releases properly when pulled.
- d Release the door and confirm it returns properly (when used with a door closer).
- e Ensure the Channel and arm operate smoothly without binding, abnormal noise, or vibration.
- f Check whether the arm interferes with the door or frame, adjust the arm cutout if necessary.
- g Turn the release knob counterclockwise 180° to verify that the hold-open function is disengaged. (Figure 6)

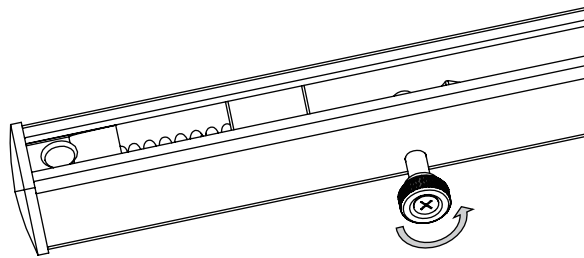


Figure 6