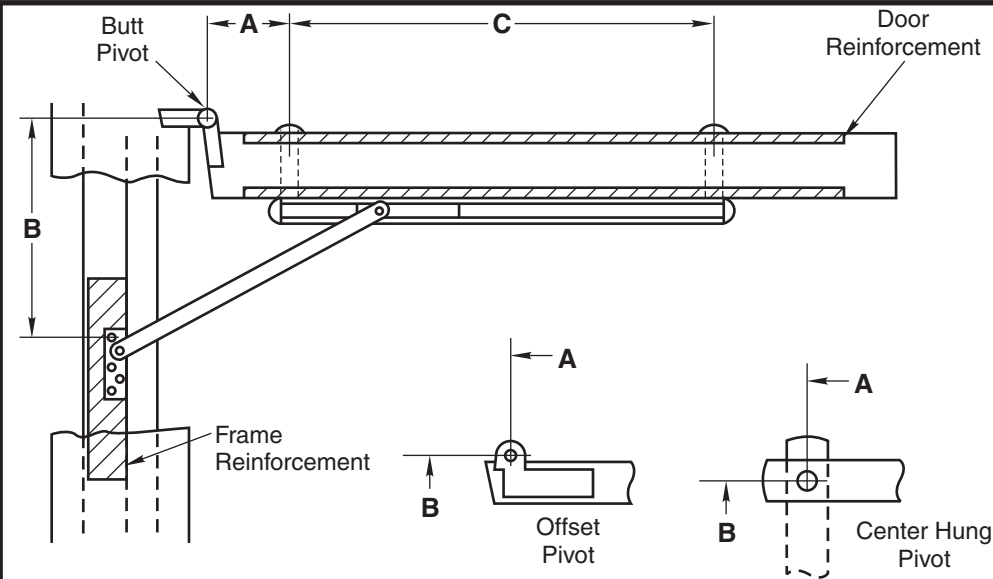
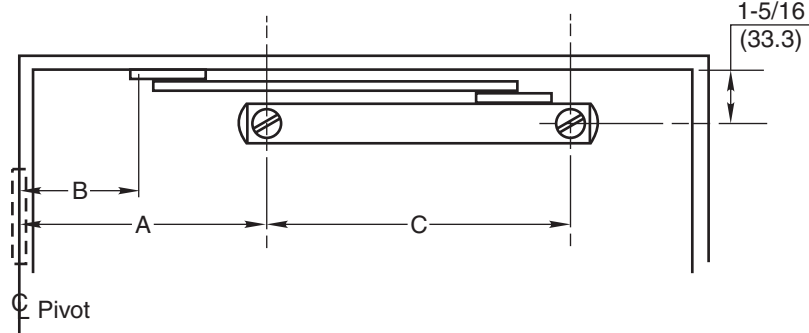


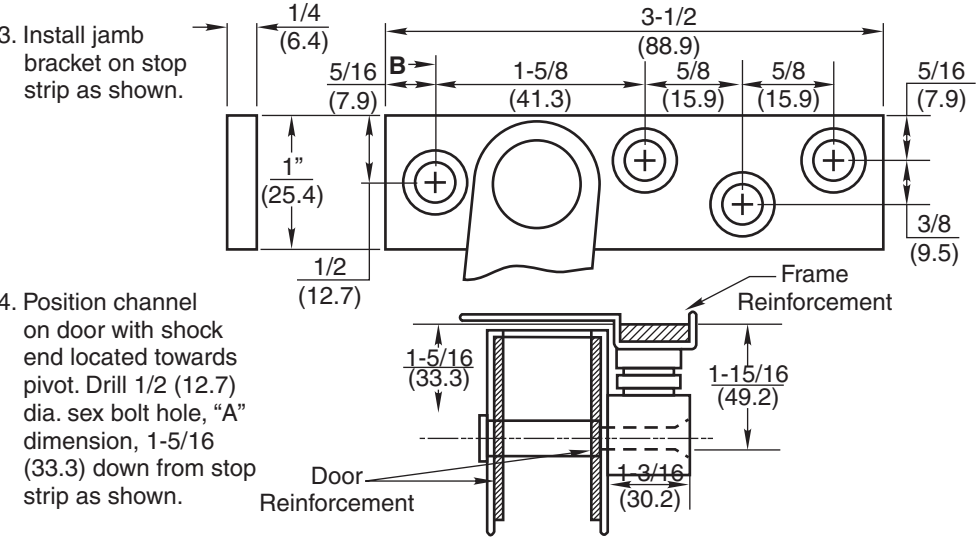


5. Install channel on door with “A” dimension sex bolt. Locate “C” dimension sex bolt hole making sure that channel is horizontal and parallel with stop strip. Drill 1/2 (12.7) dia. sex bolt hole and finish installing holder.



INSTALLATION INSTRUCTIONS

- 1. Select and determine degree of dead stop from chart on back side of page.
- 2. Locate “A” and “B” dimensions on door and frame.

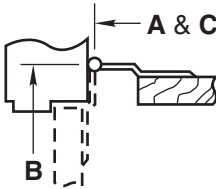


Notes:

- All hollow metal frames should be properly reinforced with 3/16" (4.8) min. thickness x 12" (304.8) min. length reinforcement plates.
- All hollow metal doors should be reinforced with 2-1/2" (63.5) wide x 3/16" (4.8) min. thick x full width of door reinforcement plates.
- All drilling and tapping to be done by field men.
- Suggest mounting door stop or holder first and then other hardware to clear. Contact factory if interference results with other hardware.
- Left hand shown – right hand opposite. (Note hole pattern in jamb bracket.)
- All dimensions are given in inches (mm).

Caution:

Note location of swing clear hinge centerline to determine “A” and “B” dimensions.



| Screw Details                                                |                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------|
| Jamb                                                         | Door                                                         |
| #1/4-20 x 3/4" FHMS<br>or<br>#14 x 1-1/2" FHWS<br>(4 Places) | 5/16-18 x 2" FHMS<br>and<br>1/2" Dia. Sex Bolt<br>(2 Places) |

No. 9 Series  
Surface Mounted  
Door Stops Less Spring



| TEMPLATE NUMBER | SHEET  | REV | DATE  |
|-----------------|--------|-----|-------|
| OH80064A        | 1 of 2 | 3   | 01/22 |

**No. 9 Series Surface Mounted Door Stops Less Spring**

1. See other side for installation instructions.  
2. Select proper dimensions noted below.  
3. All drilling and tapping to be done in field.  
4. All dimensions given in inches.  
Metric = decimal (numerator divided by denominator) x 25.4.

Reversible, non-handed.

These units are dead stop only.

|                                      | Device Number | Degree       | 85°      |        | 90°     |        | 95°     |        | 100°    |         | 105°     |        | 110°     |         |          |
|--------------------------------------|---------------|--------------|----------|--------|---------|--------|---------|--------|---------|---------|----------|--------|----------|---------|----------|
|                                      | Stop          | Door Opening | A        | B      | A       | B      | A       | B      | A       | B       | A        | B      | A        | B       | C        |
| 1-3/4-2-1/4 Butts & 3/4 Offset Pivot | 9-136         | 24 - 28      | 6-1/4    | 4-3/4  | 5-7/8   | 4-3/8  | 5-9/16  | 4-1/16 | 5-5/16  | 3-13/16 | —        | —      | —        | —       | 15-15/16 |
|                                      | 9-236         | 28-1/16 - 33 | 8-1/8    | 5-7/8  | 7-11/16 | 5-7/16 | 7-3/8   | 5-1/8  | 7-1/16  | 4-13/16 | 6-3/4    | 4-1/2  | 6-9/16   | 4-5/16  | 17-3/16  |
|                                      | 9-336         | 33-1/16 - 38 | 11-3/4   | 7-1/4  | 11-1/4  | 6-3/4  | 10-3/16 | 6-5/16 | 10-7/16 | 5-15/16 | 10-1/4   | 5-5/8  | 9-7/8    | 5-3/8   | 18-11/16 |
|                                      | 9-436         | 38-1/16 - 43 | 14-11/16 | 9-1/8  | 14-1/8  | 8-1/2  | 13-5/8  | 8      | 13-3/16 | 7-9/16  | 12-13/16 | 7-3/16 | 12-1/2   | 6-7/8   | 20-13/16 |
|                                      | 9-536         | 43-1/16 - 48 | 18-1/4   | 10-3/8 | 17-5/8  | 9-3/4  | 17      | 9-1/8  | 16-1/2  | 8-5/8   | 16-1/16  | 8-3/16 | 15-11/16 | 7-13/16 | 22-5/16  |
|                                      |               |              |          |        |         |        |         |        |         |         |          |        |          |         |          |

NOTE: A and B dimensions measured from centerline of pivot, not edge of door.

|                         | Device Number | Degree       | 85°      |         | 90°      |         | 95°     |         | 100°    |         | 105°     |        | 110°     |         |          |
|-------------------------|---------------|--------------|----------|---------|----------|---------|---------|---------|---------|---------|----------|--------|----------|---------|----------|
|                         | Stop          | Door Opening | A        | B       | A        | B       | A       | B       | A       | B       | A        | B      | A        | B       | C        |
| 1-3/4-2-1/4 Center Hung | 9-136         | 25-1/2 - 30  | 7-1/16   | 5-9/16  | 5-13/16  | 4-15/16 | 5-9/16  | 4-11/16 | 5-5/16  | 3-3/16  | —        | —      | —        | —       | 15-15/16 |
|                         | 9-236         | 30-1/16 - 36 | 8-7/8    | 6-1/2   | 7-1/2    | 5-3/4   | 7-3/16  | 5-7/16  | 7-1/8   | 4-13/16 | 6-3/4    | 4-1/2  | 6-9/16   | 4-5/16  | 17-3/16  |
|                         | 9-336         | 36-1/16 - 41 | 12-1/2   | 8       | 10-15/16 | 7-1/16  | 10-9/16 | 6-11/16 | 10-7/16 | 5-15/16 | 10-1/8   | 5-5/8  | 9-7/8    | 5-3/8   | 18-11/16 |
|                         | 9-436         | 41-1/16 - 46 | 15-3/8   | 9-3/4   | 13-11/16 | 8-11/16 | 13-3/16 | 8-3/16  | 13-3/16 | 7-9/16  | 12-11/16 | 7-3/16 | 12-1/2   | 6-7/8   | 20-13/16 |
|                         | 9-536         | 46-1/16 - 50 | 17-11/16 | 11-3/16 | 17-1/8   | 9-7/8   | 16-5/8  | 9-3/8   | 16-1/2  | 8-5/8   | 16-1/16  | 8-3/16 | 15-11/16 | 7-13/16 | 22-5/16  |
|                         |               |              |          |         |          |         |         |         |         |         |          |        |          |         |          |