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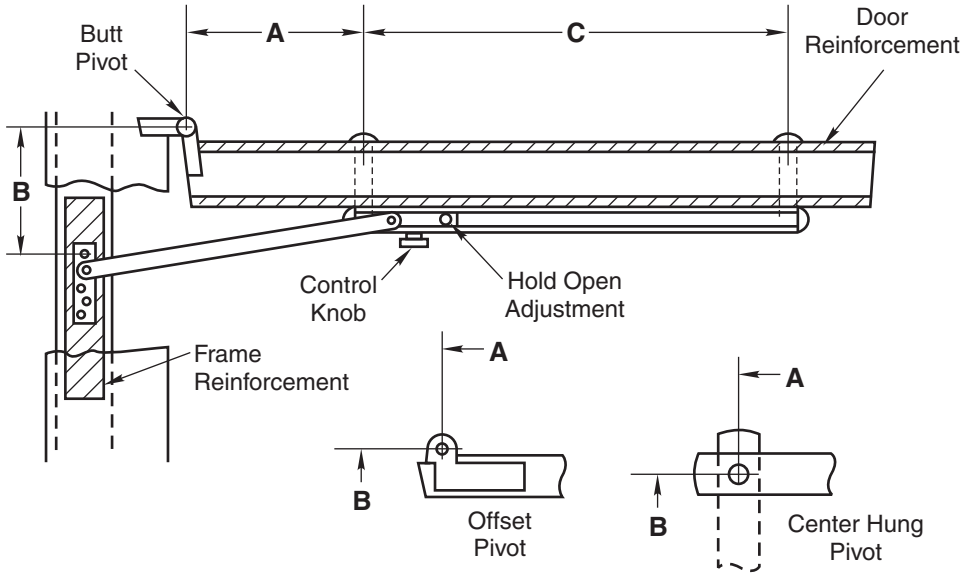
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

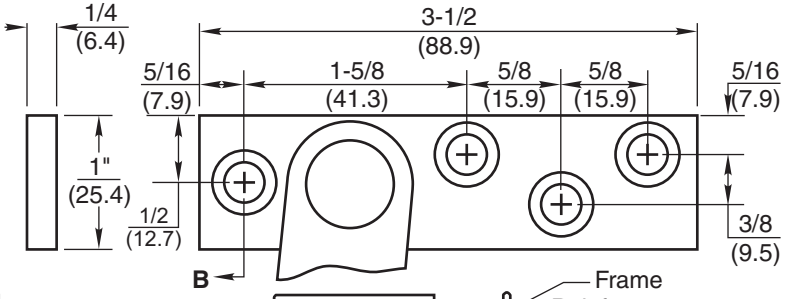


INSTALLATION INSTRUCTIONS

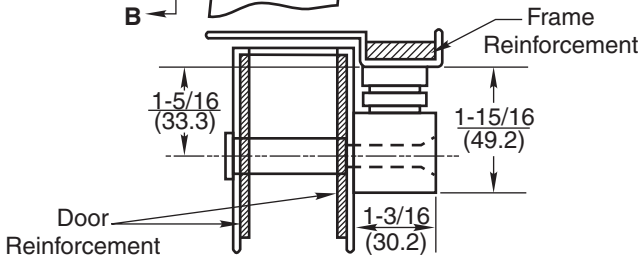
1. Select and determine degree of hold open or dead stop from chart on OH80060B.

2. Locate “A” and “B” dimensions on door and frame.

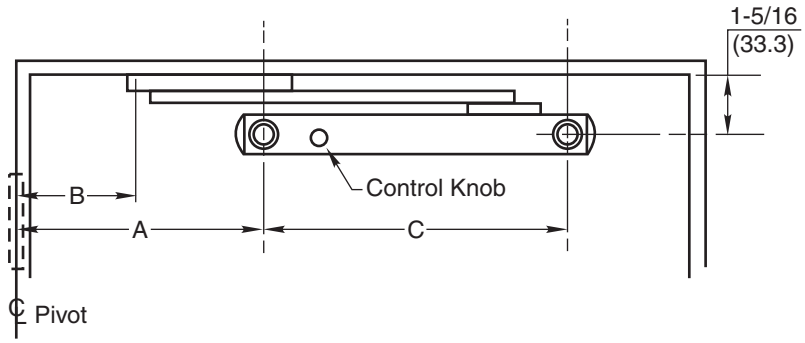
3. Install jamb bracket on stop strip as shown.



4. Position channel on door with shock end located towards pivot. Drill 1/2 (12.7) dia. sex bolt hole, “A” dimension, 1-5/16 (33.3) down from stop strip as shown.



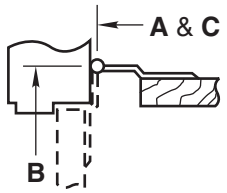
5. Install channel on door with “A” dimension sex bolt. Locate “C” dimension sex bolt hole making sure that channel is horizontal and parallel with stop strip. Drill 1/2 (12.7) dia. sex bolt hole and finish installing holder. Install control knob on channel as shown.



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 properly 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 or #14 x 1-1/2” FHWS (4 Places)	5/16-18 x 2” FHMS and 1/2” Dia. Sex Bolt (2 Places)

No. 9 Series Surface Mounted Door Stops and Holders

RIXSON
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www.rixson.com

TEMPLATE NUMBER	DATE
OH80060A	05-09

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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.

Reversible, non-handed.

H.O. = Hold Open
D.S. = Dead Stop

	Device Number			Degree	85°				90°				95°				100°				105°				110°				
					H.O.		D.S.		H.O.		D.S.		H.O.		D.S.		H.O.		D.S.		H.O.		D.S.		H.O.		D.S.		
	Friction	H.O.	Stop	Door Opening	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C
$1\frac{3}{4}$-$2\frac{1}{4}$ Butts & $\frac{3}{4}$ Offset Pivot	9-116	9-126	9-136	24 - 28	$4\frac{1}{4}$	$4\frac{3}{4}$	$4\frac{7}{8}$	$4\frac{3}{4}$	$3\frac{7}{8}$	$4\frac{3}{8}$	$4\frac{1}{2}$	$4\frac{3}{8}$	$3\frac{9}{16}$	$4\frac{1}{16}$	$4\frac{3}{16}$	$4\frac{1}{16}$	$3\frac{5}{16}$	$3\frac{13}{16}$	$3\frac{15}{16}$	$3\frac{13}{16}$	--	--	--	--	--	--	--	--	$15\frac{15}{16}$
	9-216	9-226	9-236	$28\frac{1}{16}$ - 33	$6\frac{1}{8}$	$5\frac{7}{8}$	$6\frac{3}{4}$	$5\frac{7}{8}$	$5\frac{11}{16}$	$5\frac{7}{16}$	$6\frac{5}{16}$	$5\frac{7}{16}$	$5\frac{3}{8}$	$5\frac{1}{8}$	6	$5\frac{1}{8}$	$5\frac{1}{16}$	$4\frac{13}{16}$	$5\frac{11}{16}$	$4\frac{13}{16}$	$4\frac{3}{4}$	$4\frac{1}{2}$	$5\frac{3}{8}$	$4\frac{1}{2}$	$4\frac{9}{16}$	$4\frac{5}{16}$	$5\frac{3}{16}$	$4\frac{5}{16}$	$17\frac{3}{16}$
	9-316	9-326	9-336	$33\frac{1}{16}$ - 38	$9\frac{3}{4}$	$7\frac{1}{4}$	$10\frac{3}{8}$	$7\frac{1}{4}$	$9\frac{1}{4}$	$6\frac{3}{4}$	$9\frac{7}{8}$	$6\frac{3}{4}$	$8\frac{13}{16}$	$6\frac{5}{16}$	$9\frac{7}{16}$	$6\frac{5}{16}$	$8\frac{7}{16}$	$5\frac{15}{16}$	$9\frac{1}{16}$	$5\frac{15}{16}$	$8\frac{1}{8}$	$5\frac{5}{8}$	$8\frac{3}{4}$	$5\frac{5}{8}$	$7\frac{7}{8}$	$5\frac{3}{8}$	$8\frac{1}{2}$	$5\frac{3}{8}$	$18\frac{11}{16}$
	9-416	9-426	9-436	$38\frac{1}{16}$ - 43	$12\frac{11}{16}$	$9\frac{1}{8}$	$13\frac{5}{16}$	$9\frac{1}{8}$	$12\frac{1}{8}$	$8\frac{1}{2}$	$12\frac{3}{4}$	$8\frac{1}{2}$	$11\frac{5}{8}$	8	$12\frac{1}{4}$	8	$11\frac{3}{16}$	$7\frac{9}{16}$	$11\frac{13}{16}$	$7\frac{9}{16}$	$10\frac{13}{16}$	$7\frac{3}{16}$	$11\frac{7}{16}$	$7\frac{3}{16}$	$10\frac{1}{2}$	$6\frac{7}{8}$	$11\frac{1}{8}$	$6\frac{7}{8}$	$20\frac{13}{16}$
	9-516	9-526	9-536	$43\frac{1}{16}$ - 48	$16\frac{1}{4}$	$10\frac{3}{8}$	$16\frac{7}{8}$	$10\frac{3}{8}$	$15\frac{5}{8}$	$9\frac{3}{4}$	$16\frac{1}{4}$	$9\frac{3}{4}$	15	$9\frac{1}{8}$	$15\frac{5}{8}$	$9\frac{1}{8}$	$14\frac{1}{2}$	$8\frac{5}{8}$	$15\frac{1}{8}$	$8\frac{5}{8}$	$14\frac{1}{16}$	$8\frac{3}{16}$	$14\frac{11}{16}$	$8\frac{3}{16}$	$13\frac{11}{16}$	$7\frac{13}{16}$	$14\frac{5}{16}$	$7\frac{13}{16}$	$22\frac{5}{16}$

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

	Device Number			Degree	85°				90°				95°				100°				105°				110°				
					H.O.		D.S.		H.O.		D.S.		H.O.		D.S.		H.O.		D.S.		H.O.		D.S.		H.O.		D.S.		
	Friction	H.O.	Stop	Door Opening	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C
$1\frac{3}{4}$-$2\frac{1}{4}$ Center Hung	9-116	9-126	9-136	$25\frac{1}{2}$ - 30	$5\frac{1}{16}$	$5\frac{9}{16}$	$5\frac{11}{16}$	$5\frac{9}{16}$	$4\frac{3}{4}$	$5\frac{1}{4}$	$5\frac{3}{8}$	$5\frac{1}{4}$	$4\frac{7}{16}$	$4\frac{15}{16}$	$5\frac{1}{16}$	$4\frac{15}{16}$	$4\frac{3}{16}$	$4\frac{11}{16}$	$4\frac{13}{16}$	$4\frac{11}{16}$	$3\frac{15}{16}$	$4\frac{7}{16}$	$4\frac{9}{16}$	$4\frac{7}{16}$	$3\frac{11}{16}$	$4\frac{3}{16}$	$4\frac{5}{16}$	$4\frac{3}{16}$	$15\frac{15}{16}$
	9-216	9-226	9-236	$30\frac{1}{16}$ - 36	$6\frac{7}{8}$	$6\frac{1}{2}$	$7\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{8}$	$7\frac{1}{8}$	$6\frac{1}{8}$	$6\frac{1}{8}$	$5\frac{3}{4}$	$6\frac{3}{4}$	$5\frac{3}{4}$	$5\frac{13}{16}$	$5\frac{7}{16}$	$6\frac{7}{16}$	$5\frac{7}{16}$	$5\frac{9}{16}$	$5\frac{3}{16}$	$6\frac{3}{16}$	$5\frac{3}{16}$	$5\frac{5}{16}$	$4\frac{15}{16}$	$5\frac{15}{16}$	$4\frac{15}{16}$	$17\frac{3}{16}$
	9-316	9-326	9-336	$36\frac{1}{16}$ - 41	$10\frac{1}{2}$	8	$11\frac{1}{8}$	8	10	$7\frac{1}{2}$	$10\frac{5}{8}$	$7\frac{1}{2}$	$9\frac{9}{16}$	$7\frac{1}{16}$	$10\frac{3}{16}$	$7\frac{1}{16}$	$9\frac{3}{16}$	$6\frac{11}{16}$	$9\frac{13}{16}$	$6\frac{11}{16}$	$8\frac{7}{8}$	$6\frac{3}{8}$	$9\frac{1}{2}$	$6\frac{3}{8}$	$8\frac{9}{16}$	$6\frac{1}{16}$	$9\frac{3}{16}$	$6\frac{1}{16}$	$18\frac{11}{16}$
	9-416	9-426	9-436	$41\frac{1}{16}$ - 46	$13\frac{3}{8}$	$9\frac{3}{4}$	14	$9\frac{3}{4}$	$12\frac{13}{16}$	$9\frac{3}{16}$	$13\frac{7}{16}$	$9\frac{3}{16}$	$12\frac{5}{16}$	$8\frac{11}{16}$	$12\frac{15}{16}$	$8\frac{11}{16}$	$11\frac{13}{16}$	$8\frac{3}{16}$	$12\frac{7}{16}$	$8\frac{3}{16}$	$11\frac{7}{16}$	$7\frac{13}{16}$	$12\frac{1}{16}$	$7\frac{13}{16}$	$11\frac{1}{8}$	$7\frac{1}{2}$	$11\frac{3}{4}$	$7\frac{1}{2}$	$20\frac{13}{16}$
	9-516	9-526	9-536	$46\frac{1}{16}$ - 50	$17\frac{1}{16}$	$11\frac{3}{16}$	$17\frac{11}{16}$	$11\frac{3}{16}$	$16\frac{3}{8}$	$10\frac{1}{2}$	17	$10\frac{1}{2}$	$15\frac{3}{4}$	$9\frac{7}{8}$	$16\frac{3}{8}$	$9\frac{7}{8}$	$15\frac{1}{4}$	$9\frac{3}{8}$	$15\frac{7}{8}$	$9\frac{3}{8}$	$14\frac{3}{4}$	$8\frac{7}{8}$	$15\frac{3}{8}$	$8\frac{7}{8}$	$14\frac{3}{8}$	$8\frac{1}{2}$	15	$8\frac{1}{2}$	$22\frac{5}{16}$

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TEMPLATE NUMBER **OH80060B**

DATE **05-09**