

TEMPLATE T-OH100

Effective date: February 1, 2023
Supercedes: All Previous

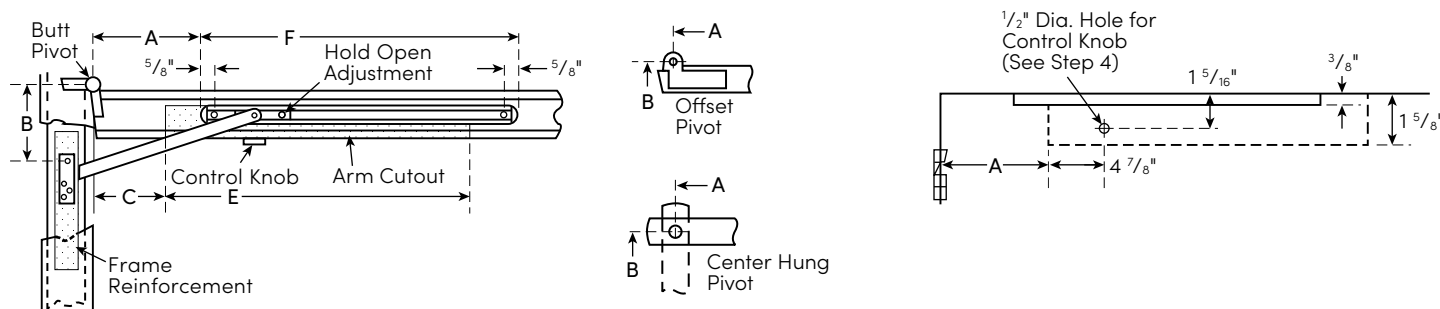
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NOT TO SCALE

ROCKWOOD OH100 SERIES CONCEALED DOOR STOPS AND HOLDERS

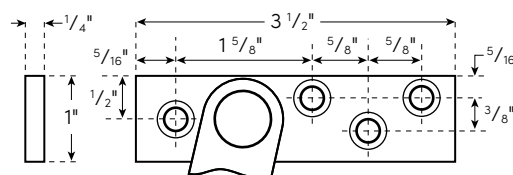


INSTALLATION INSTRUCTIONS

1. Determine degree of hold open or dead stop required. Then select proper dimensions from chart on opposite side of page. Add $\frac{5}{8}$ " to "A" dimension for dead stop.

NOTE:

A, B, and C dimensions are measured from hinge center, not edge of door.



2. Locate "B" dimension on frame and mortise $\frac{1}{4}$ " deep for jamb bracket as shown.
3. Locate "A" and "F" dimensions on centerline of door and mortise $\frac{5}{8}$ " deep for channel. $\frac{1}{16}$ " head clearance shown. Coordinate the arm and rail cutout dimensions if head clearance varies.
4. Drill $\frac{1}{2}$ " diameter control knob hole for door holders only.
5. Locate "C" and "E" dimensions on top of door and mortise $\frac{3}{8}$ " deep as shown for arm cutout.
6. Install door stop or holder with screws provided. Install control knob last.

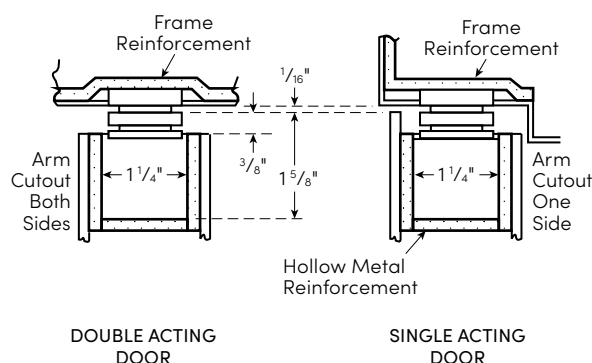
NOTES:

- All hollow metal frames are to be provided with $\frac{3}{16}$ " min. thickness x 12" min. length reinforcement plates.
- All hollow metal doors are to be properly reinforced as shown.
- If dead stop is required add $\frac{5}{8}$ " to "A" dimension as noted on opposite side of page.
- A, B and C dimensions are measured from centerline of pivot, not edge of door.
- Left hand shown, right hand opposite.

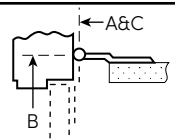
FASTENERS:

Jamb: $\frac{1}{4}$ "-20 x $\frac{3}{4}$ " flat head machine screw or #14 x $1\frac{1}{2}$ " flat head wood screw.

Door: $\frac{5}{16}$ "-18 x $1\frac{1}{2}$ " flat head machine screw or #18 x 3" flat head wood screw.



CAUTION:
Note location of swing clear hinge centerline to determine "A", "B" and "C" dimensions.



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ROCKWOOD OH100 SERIES CONCEALED DOOR STOPS AND HOLDERS

When using center hung pivots, check pivot manufacturer's compatibility prior to specifying.

No. 1 Series Concealed Door Stops and Holders

1. See other side for installation instructions.
2. Select proper dimensions noted below.
3. Add $\frac{5}{8}$ " to "A" dimension for dead stop.
4. All dimensions given in inches.

$\frac{1}{4}$ - $\frac{2}{4}$ Butts & $\frac{3}{4}$ Offset Pivot	Device Number		Degree	85° H.O.				90° H.O.				95° H.O.				100° H.O.				105° H.O.				110° H.O.				
	H.O.	Stop	Door Opening	A	B	C	E	A	B	C	E	A	B	C	E	A	B	C	E	A	B	C	E	A	B	C	E	F
	101H	101S	24 - 28	$4\frac{7}{16}$	$5\frac{1}{2}$	$4\frac{3}{4}$	$11\frac{7}{8}$	$4\frac{1}{8}$	$5\frac{3}{16}$	$4\frac{1}{2}$	$13\frac{1}{4}$	$3\frac{13}{16}$	$4\frac{7}{8}$	3	$14\frac{7}{16}$	$3\frac{1}{2}$	$4\frac{9}{16}$	$1\frac{1}{2}$	$15\frac{5}{8}$	$3\frac{1}{4}$	$4\frac{5}{16}$	0	$16\frac{7}{8}$	$3\frac{1}{16}$	$4\frac{1}{8}$	0	$16\frac{5}{8}$	$17\frac{3}{16}$
	102H	102S	$28\frac{1}{16}$ - 33	$6\frac{3}{16}$	$6\frac{9}{16}$	6	$15\frac{3}{4}$	$5\frac{13}{16}$	$6\frac{3}{16}$	$5\frac{1}{2}$	$15\frac{7}{8}$	$5\frac{7}{16}$	$5\frac{13}{16}$	$4\frac{1}{2}$	$16\frac{1}{2}$	$5\frac{1}{8}$	$5\frac{1}{2}$	$3\frac{1}{2}$	$17\frac{3}{16}$	$4\frac{7}{8}$	$5\frac{1}{4}$	$2\frac{1}{4}$	$18\frac{3}{16}$	$4\frac{5}{8}$	5	1	$19\frac{1}{8}$	$18\frac{7}{16}$
	103H	103S	$33\frac{1}{16}$ - 38	$9\frac{3}{4}$	$7\frac{7}{8}$	$7\frac{3}{4}$	$19\frac{1}{16}$	$9\frac{5}{16}$	$7\frac{7}{16}$	$7\frac{1}{4}$	$19\frac{1}{8}$	$8\frac{7}{8}$	7	$6\frac{3}{4}$	$19\frac{1}{8}$	$8\frac{7}{16}$	$6\frac{9}{16}$	$6\frac{1}{4}$	$19\frac{1}{4}$	$8\frac{1}{8}$	$6\frac{1}{4}$	$5\frac{1}{2}$	$19\frac{5}{8}$	$7\frac{7}{8}$	6	$4\frac{1}{4}$	$20\frac{5}{8}$	$19\frac{15}{16}$
	104H	104S	$38\frac{1}{16}$ - 43	$12\frac{11}{16}$	$9\frac{11}{16}$	$9\frac{1}{2}$	$22\frac{3}{8}$	$12\frac{3}{16}$	$9\frac{3}{16}$	9	$22\frac{3}{8}$	$11\frac{11}{16}$	$8\frac{11}{16}$	$8\frac{1}{2}$	$22\frac{3}{8}$	$11\frac{3}{16}$	$8\frac{3}{16}$	8	$22\frac{3}{8}$	$10\frac{3}{4}$	$7\frac{3}{4}$	$7\frac{1}{2}$	$22\frac{3}{8}$	$10\frac{7}{16}$	$7\frac{7}{16}$	$7\frac{1}{4}$	$22\frac{3}{8}$	$22\frac{1}{16}$
	105H	105S	$43\frac{1}{16}$ - 48	$16\frac{5}{16}$	$11\frac{1}{16}$	$10\frac{3}{4}$	$26\frac{1}{4}$	$15\frac{11}{16}$	$10\frac{7}{16}$	$10\frac{1}{4}$	$26\frac{1}{4}$	$15\frac{1}{16}$	$9\frac{13}{16}$	$9\frac{1}{2}$	$26\frac{1}{4}$	$14\frac{9}{16}$	$9\frac{5}{16}$	9	$26\frac{1}{4}$	$14\frac{1}{8}$	$8\frac{7}{8}$	$8\frac{3}{4}$	$26\frac{1}{4}$	$13\frac{3}{4}$	$8\frac{1}{2}$	$8\frac{1}{4}$	$26\frac{1}{4}$	$23\frac{9}{16}$

NOTE:

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

1⅜ – 2⅜ Center Hung	Device Number		Degree	85° H.O.				90° H.O.				95° H.O.				100° H.O.				105° H.O.				110° H.O.				
	H.O.	Stop	Door Opening	A	B	C	E	A	B	C	E	A	B	C	E	A	B	C	E	A	B	C	E	A	B	C	E	F
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	102H	102S	30–36	6⅝	7	6¾	15⅜	6¼	6⅝	6⅜	15⅜	5⅞	6¼	6	15⅜	5⅙	5⅙	5¾	15⅜	5⅙	5⅙	5½	15⅜	–	–	–	19⅛	18⅞
	103H	103S	36⅙ – 41	10⅜	8½	8¼	19⅛	9⅞	8	7¾	19⅛	9⅞	7⅙	7⅜	19⅛	9⅙	7⅙	7	19⅛	8⅙	6⅓	6½	19⅛	8⅜	6½	6¼	19⅛	19⅙
	104H	104S	41⅙ – 46	13¼	10¼	10	22⅜	12⅝	9⅝	9⅜	22⅜	12⅛	9⅛	9	22⅜	11⅝	8⅝	8½	22⅜	11¼	8¼	8	22⅜	10⅞	7⅞	7¾	22⅜	22⅙
	105H	105S	46⅙ – 50	17	11¾	11½	26⅛	16¼	11	10¾	26⅛	15⅙	10⅙	10	26⅛	15⅙	9⅓	9½	26⅛	14⅝	9⅜	9	26⅛	14⅓	8⅙	8¾	26⅛	23⅙

* Butt mounting only. Reversible, non-handed.

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