



73094

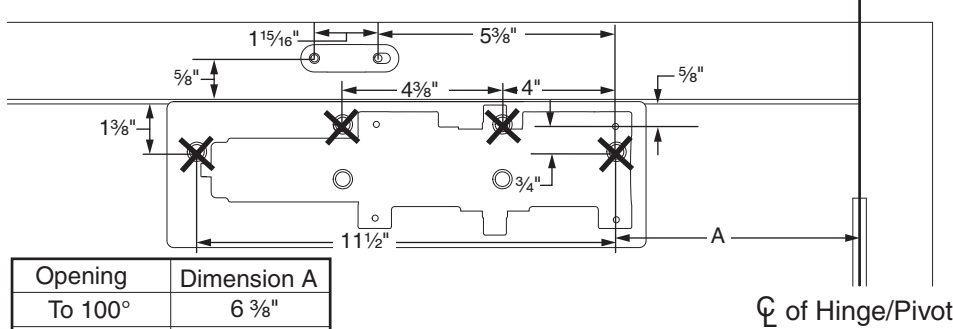
4050A Series

LCN®

Drop Plate

Installation Instructions

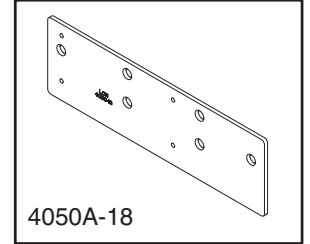
4050A PULL SIDE (DOOR MOUNT) DROP PLATE



Opening	Dimension A
To 100°	6 3/8"
101° to 120°	5 1/8"
121° to 150°	4 3/8"
151° to 180°	3 3/8"

Note: If offset pivots are used. Increase these dimensions by 1/8".

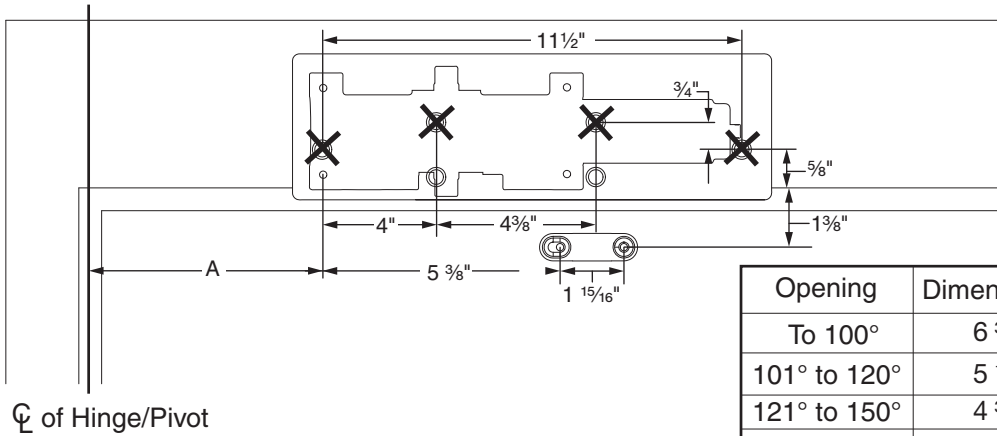
PULL SIDE MOUNT ON: 4050A-18 DROP PLATE



4050A-18

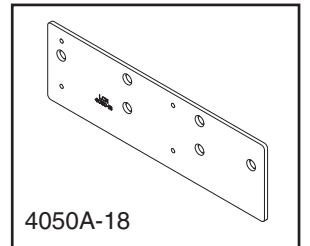
Left Hand door shown, Right Hand opposite. Locate drop plate & shoe from hinge/pivot centerline.

4050A PUSH SIDE (TOP JAMB) DROP PLATE



Opening	Dimension A
To 100°	6 3/8"
101° to 120°	5 1/8"
121° to 150°	4 3/8"
151° to 180°	3 3/8"

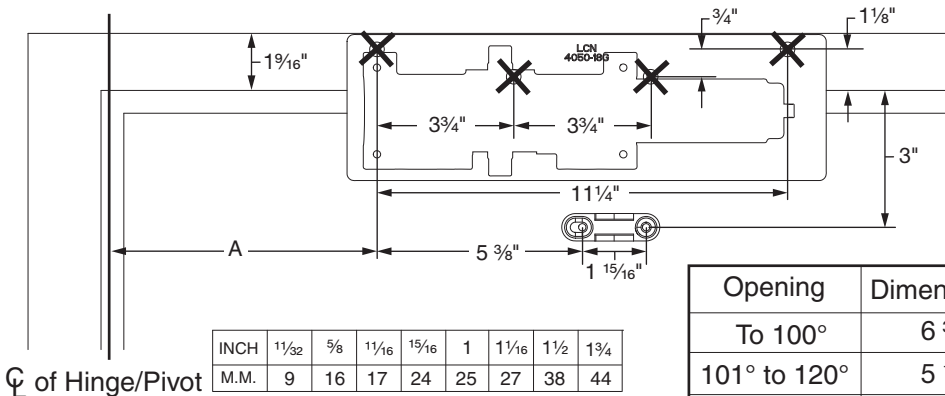
PUSH SIDE MOUNT ON: 4050A-18 DROP PLATE



4050A-18

Left Hand door shown, Right Hand opposite. Locate drop plate & shoe from hinge/pivot centerline. Maximum reveal of 4 1/8". For reveals 4 1/8" - 8 3/4"; specify long rod.

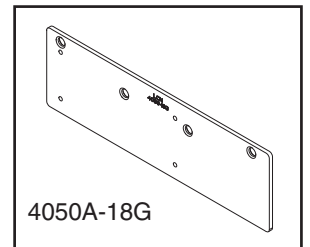
4050A PUSH SIDE (TOP JAMB) DROP PLATE



INCH	11/32	5/8	11/16	15/16	1	1 1/16	1 1/2	1 3/4
M.M.	9	16	17	24	25	27	38	44
INCH	1 15/16	2 1/2	2 9/16	4 1/8	8 1/4	10 3/4	10 13/16	11 1/4
M.M.	49	64	65	105	210	273	275	286

Opening	Dimension A
To 100°	6 3/8"
101° to 120°	5 1/8"
121° to 150°	4 3/8"
151° to 180°	3 3/8"

PUSH SIDE MOUNT ON: 4050A-18G DROP PLATE

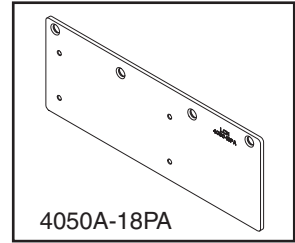
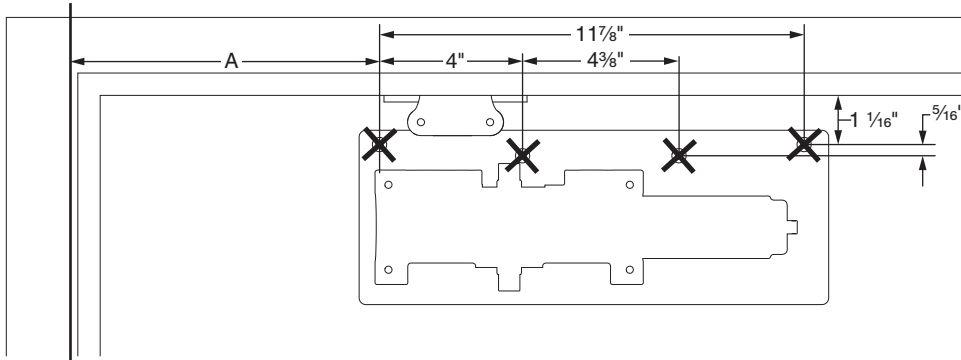


4050A-18G

Left hand door shown, Right hand opposite. Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used. Maximum reveal of 4 1/8". For reveals 4 1/8" - 8 3/4"; specify long rod.

4050A PA PUSH SIDE (DOOR MOUNT) DROP PLATE

PUSH SIDE MOUNT ON: 4050-18PA DROP PLATE

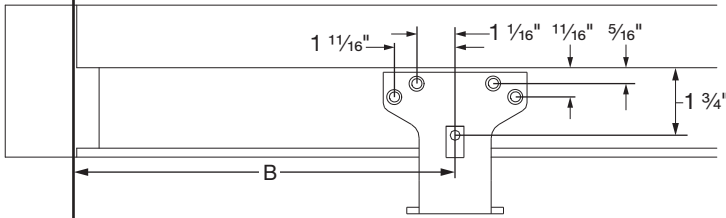


4050A-18PA

Left hand door shown,
Right hand opposite.

Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used.

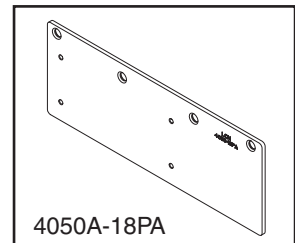
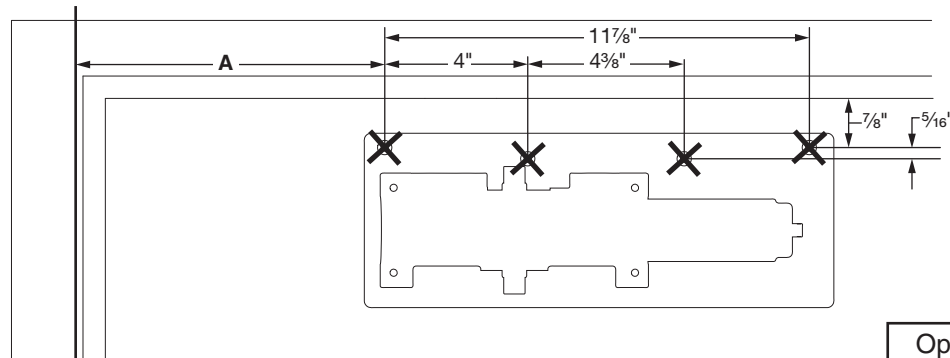
Opening	Dimension A	Dimension B
To 100°	7 7/8"	10 3/8"
101° to 130°	6 7/8"	9 3/8"
131° to 150°	6 3/8"	8 7/8"
151° to 180°	5 3/8"	7 7/8"



☉ of Hinge/Pivot

4050A EDA PUSH SIDE (DOOR MOUNT) DROP PLATE

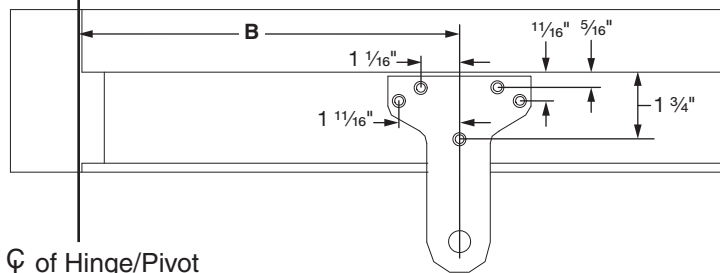
PUSH SIDE MOUNT ON: 4050A-18PA DROP PLATE



4050A-18PA

Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used.

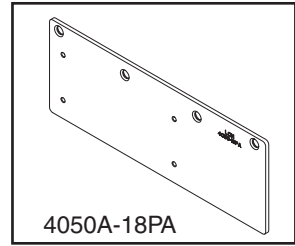
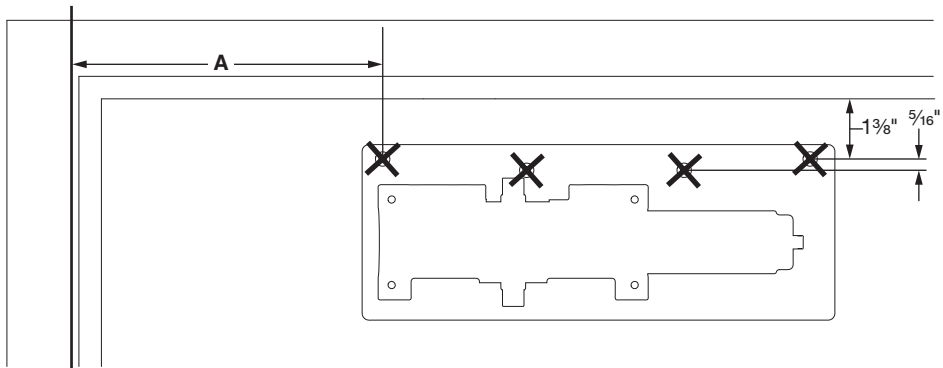
Opening	Dimension A	Dimension B
To 100°	6 7/8"	9 3/4"
101° to 130°	5 3/8"	8 1/4"
131° to 150°	4 3/8"	7 1/4"
151° to 180°	3 3/8"	6 1/4"



☉ of Hinge/Pivot

4050A EDA Push Side with 62G Arm (Door Mount) Drop Plate

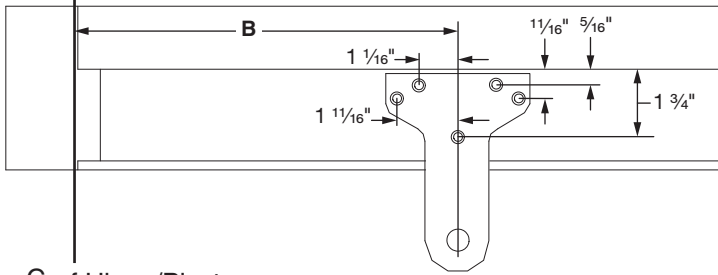
PUSH SIDE MOUNT ON: 4050A-18PA DROP PLATE



4050A-18PA

Left hand door shown,
Right hand opposite.

Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used.

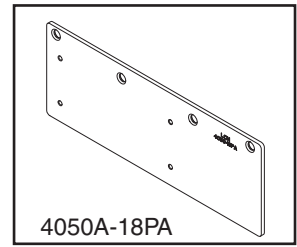
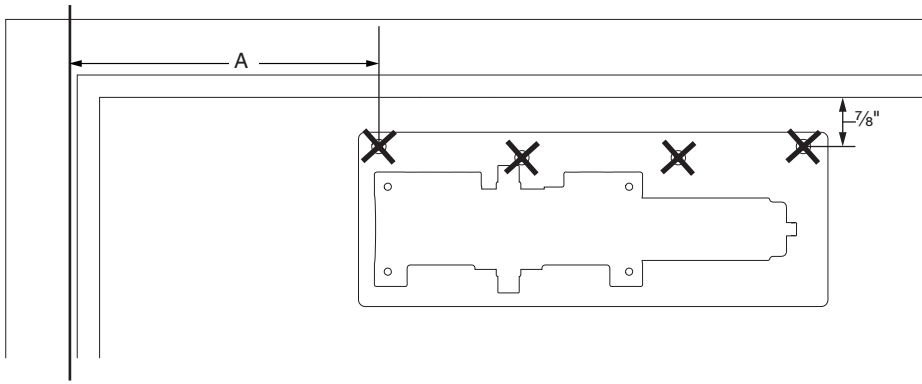


⌀ of Hinge/Pivot

Opening	Dimension A	Dimension B
To 100°	6 7/8"	9 3/4"
101° to 130°	5 3/8"	8 1/4"
131° to 150°	4 3/8"	7 1/4"
151° to 180°	3 3/8"	6 1/4"

4050A CUSH PUSH SIDE (DOOR MOUNT) DROP PLATE

PUSH SIDE MOUNT ON: 4050A-18PA DROP PLATE



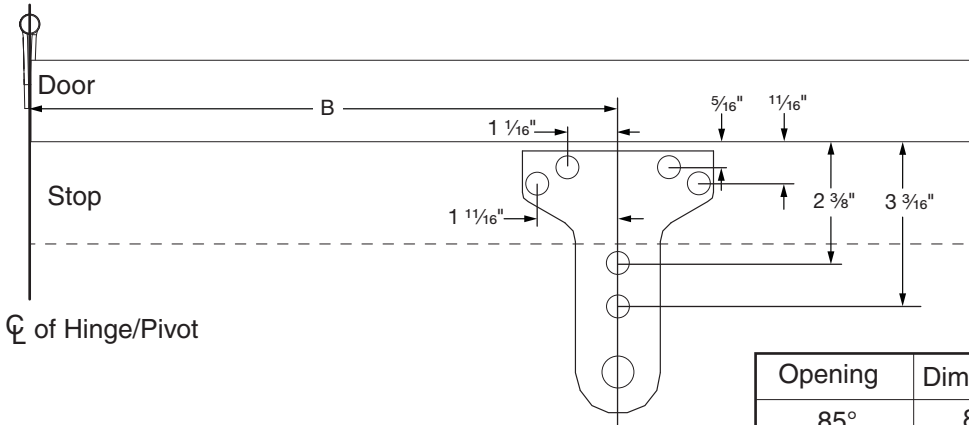
4050A-18PA
Left hand door shown,
Right hand opposite.

Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used.

☉ of Hinge/Pivot

IMPORTANT

Use spacer block provided for fifth screw $\frac{1}{2}$ " or $\frac{5}{8}$ "



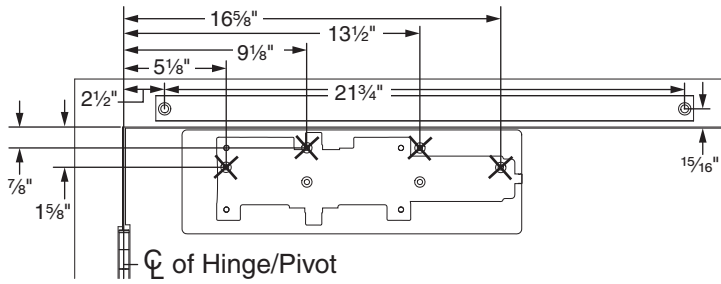
☉ of Hinge/Pivot

Opening	Dimension A	Dimension B
85°	8 $\frac{3}{8}$ "	11 $\frac{1}{8}$ "
90°	7 $\frac{5}{8}$ "	10 $\frac{1}{2}$ "
95°	7"	9 $\frac{7}{8}$ "
100°	6 $\frac{1}{2}$ "	9 $\frac{1}{4}$ "
105°	6"	8 $\frac{7}{8}$ "
110°	5 $\frac{1}{2}$ "	8 $\frac{3}{4}$ "

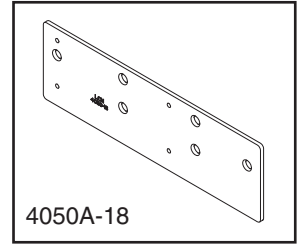
General Notes:

1. If door is hung on pivots
Locate closer and shoe from
☉ of pivot point.
2. Top rail less than 5 $\frac{3}{4}$ "
Requires drop plate.
3. All dimensions applicable
For hold open or dead stop.
4. Delayed action optional.
5. Reinforcing per. ANSI/SDI-100
Recommended for hollow
Metal door and frames.
6. $\frac{5}{8}$ " maximum allowable side
Stop.
7. Using fasters provided
Mount drop plate with
(4) $\frac{1}{4}$ - 14 x 1 $\frac{3}{8}$ S.R.T.
Mount closer to drop plates
(4) $\frac{1}{4}$ - 20 x 2 P.H.M.S.
8. Minimum Top Rail Width
is 2 $\frac{1}{4}$ ".

4050AT PULL SIDE MOUNT DROP PLATE, 180° OPENING

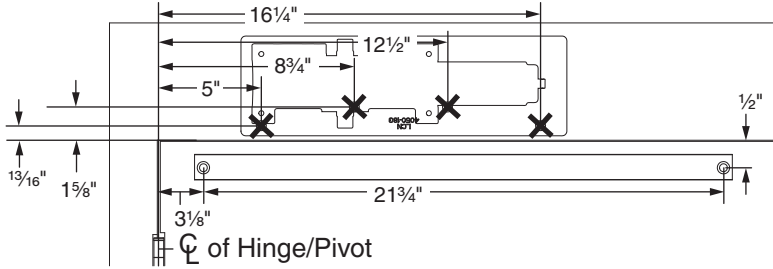


PULL SIDE MOUNT ON: 4050A-18 DROP PLATE

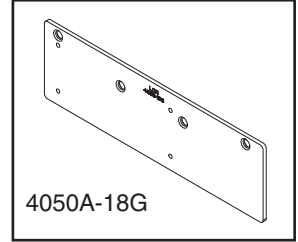


Right hand door shown,
Left hand opposite.

4050AT TOP JAMB MOUNT DROP PLATE, 180° OPENING

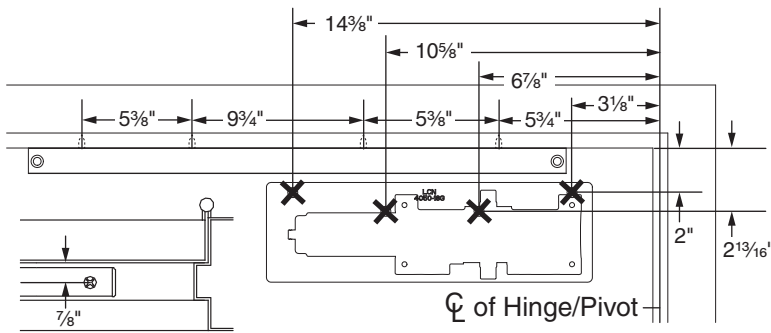


TOP JAMB MOUNT ON: 4050A-18G DROP PLATE

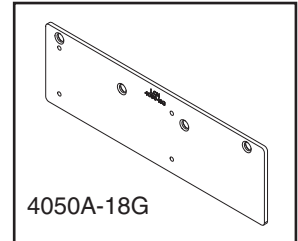


Right hand door shown,
Left hand opposite.

4050AT PUSH SIDE MOUNT DROP PLATE, 120° OPENING

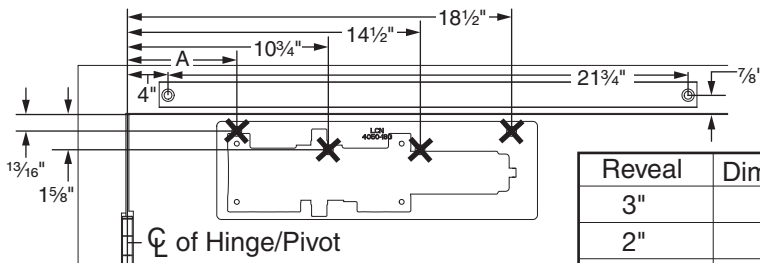


PUSH SIDE MOUNT ON: 4050A-18G DROP PLATE

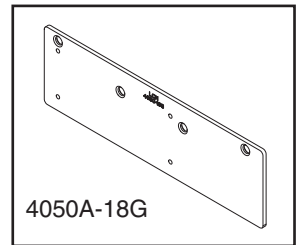


Right hand door shown,
Left hand opposite.

4050AT DOUBLE EGRESS (DE) ARM MOUNT DROP PLATE



DE ARM MOUNT ON: 4050A-18G DROP PLATE



Right hand door shown,
Left hand opposite.

Reveal	Dimension A
3"	7"
2"	6 1/2"
1 1/2"	5 7/8"
1"	5 5/8"

General Notes:

1. If door is hung on pivots
Locate closer and shoe from
☉ of pivot point.
2. Top rail less than 5 3/4"
Requires drop plate.
3. All dimensions applicable
For hold open or dead stop.
4. Delayed action optional.
5. Reinforcing per. ANSI/SDI-100
Recommended for hollow
Metal door and frames.
6. 5/8" maximum allowable side
Stop.
7. Using fasters provided
Mount drop plate with
(4) 1/4 - 14 x 1 3/8 S.R.T.
Mount closer to drop plates
(4) 1/4 - 20 x 2 P.H.M.S.