

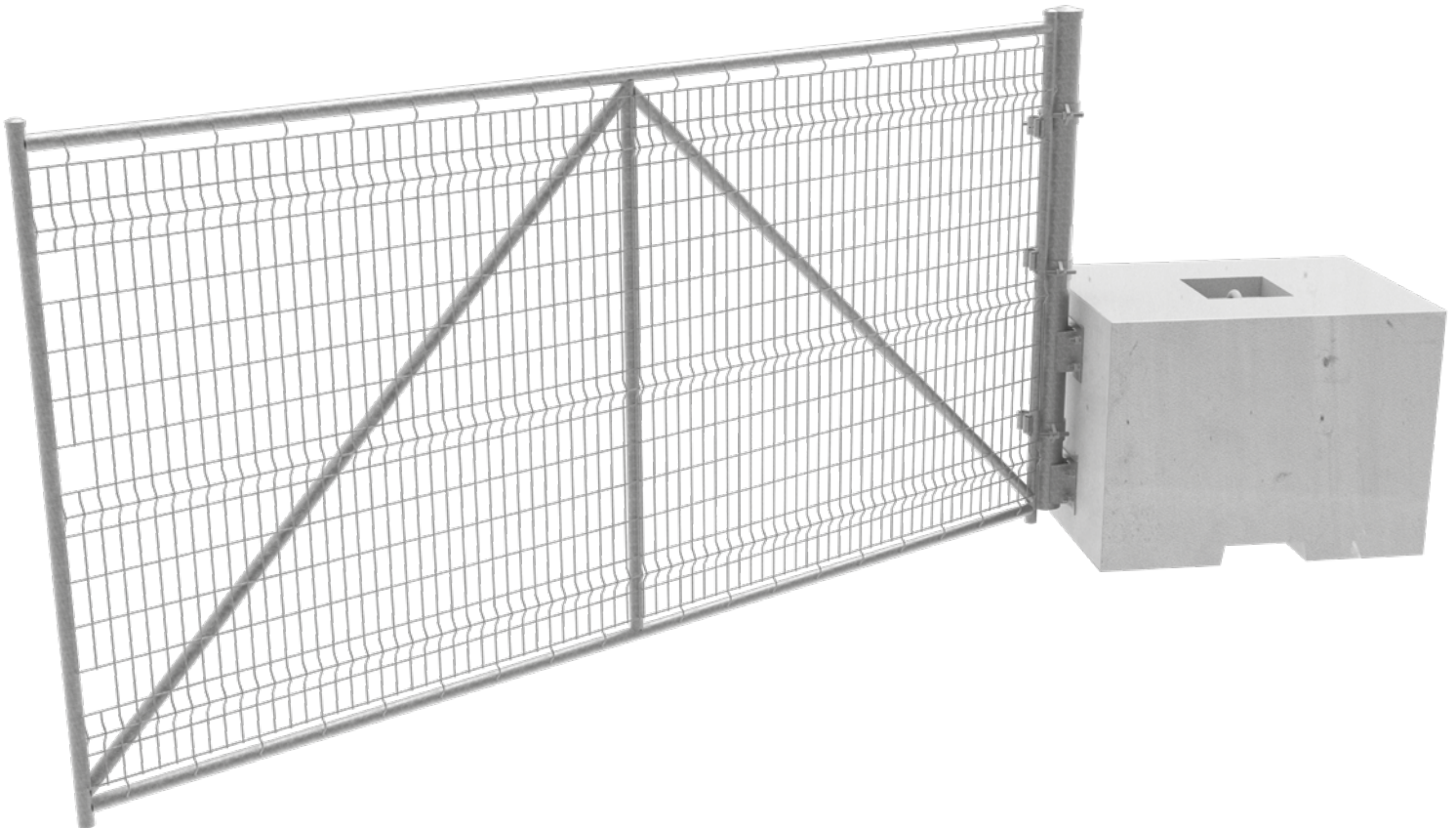


CT-PAB72120K  
CT-PAB72150K  
CT-PAB72180K

# INSTALLATION GUIDE

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## VEHICLE ACCESS GATE



Picture may differ from actual product.



**READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT.  
KEEP THIS MANUAL HANDY FOR FUTURE REFERENCE.**

# OPERATIONAL SAFETY



**READ CAREFULLY BEFORE BEGINNING INSTALLATION.**

**FAILURE TO UNDERSTAND AND FOLLOW ALL SAFETY RULES AND ASSEMBLY INSTRUCTIONS  
COULD RESULT IN SERIOUS INJURY OR DEATH.**



## **METAL CONDUCTS ELECTRICITY:**

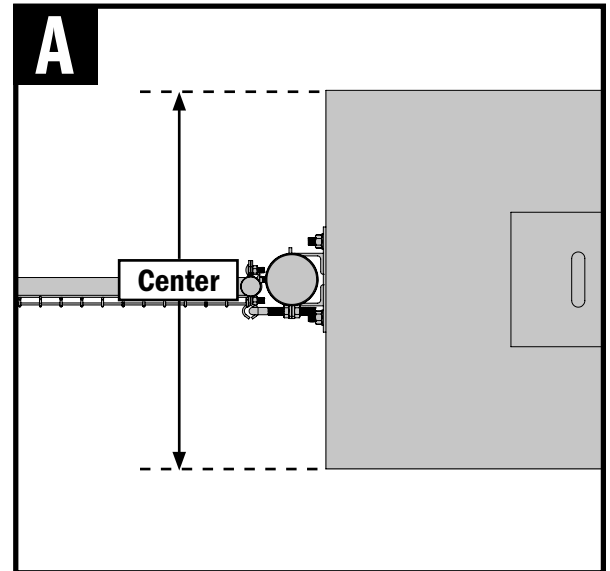
Do not use this equipment where contact may be made with power lines or other live electrical circuits.

## **INSTRUCTIONS AND SAFETY**

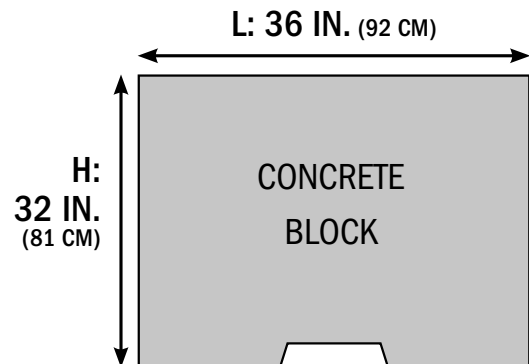
- It is recommended that 2 people install and move gate components.
- Do not install fence netting on the gate.
- Center the gate when anchoring on the concrete block to maximize balance (A).
- The ground where the concrete block will be placed must be sufficiently compacted and leveled to prevent the gate from overturning.
- In case of site reconfiguration, when moving the complete assembled gate on the concrete block:
  - All hardware bolts must be fully tightened.
  - Movements of the gate on the site must be planned and controlled.
  - While lifting and moving the gate, the rotation of the gate must be controlled to prevent any unintended opening.
  - Lifting and moving should be done in accordance with good lifting practices and local regulations.
  - Adapt the movements of the assembled gate to the lifting systems used.
- The post must be anchored in a quality and good condition concrete block. Select anchors according to the composition of the concrete block.

## **MAINTENANCE**

- Protect welds with rich zinc paint annually or as needed.
- Check and level the gate every three weeks, or as needed, for the duration of the work site.
- Monitor the condition of the ground around and under the block.
  - Adjust the gate in height and angle as needed.
  - More frequent adjustment may be necessary during thaw or heavy rains.



## **SPECIFICATIONS OF CONCRETE BLOCKS**



MINIMUM HEIGHT (H):  
32 IN. (81 CM)

MINIMUM LENGTH (L):  
36 IN. (92 CM)

MINIMUM WIDTH:  
36 IN. (92 CM)

MINIMUM WEIGHT:  
3750 LB (1700 KG)

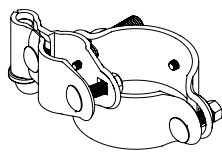
The block must be pre-drilled or drilled on site for the installation of the anchor plates.

# INSTALLATION

## PARTS

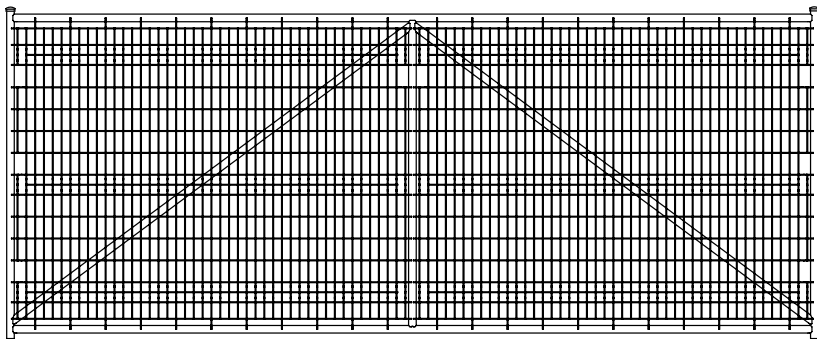


Post

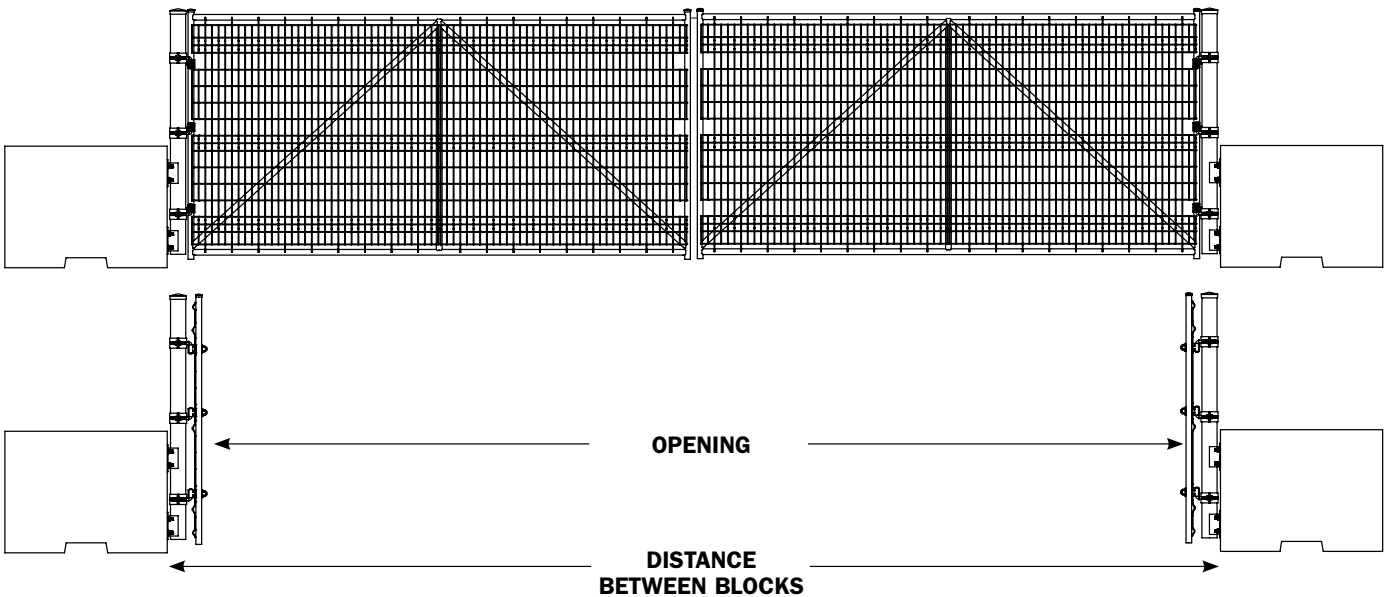


Pivot hinge  
and bent bolt

Part code: CT-PAB901  
(available as a replacement part)



Gate



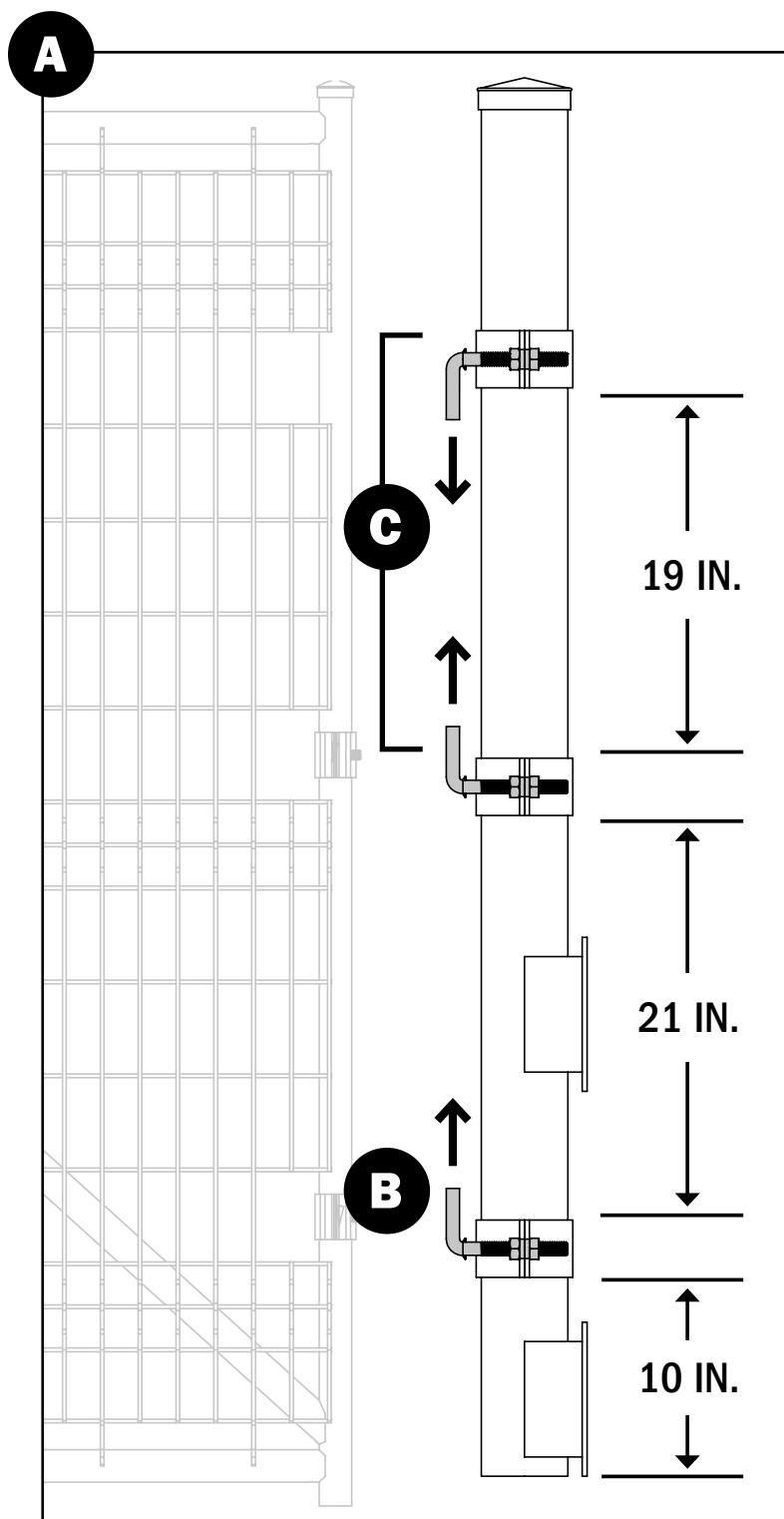
**REQUIRED SPACING BETWEEN CONCRETE BLOCKS ACCORDING TO INSTALLATION DIMENSIONS**  
(these openings give a 2" spacing between the double swing gate)

	OPENING	10' GATE CT-PAB72120K	12.5' GATE CT-PAB72150K	15' GATE CT-PAB72180K	DISTANCE BETWEEN BLOCKS
SINGLE SWING GATE	9'-9"	1	0	0	10'-9"
	12'-0"	0	1	0	13'-0"
	14'-9"	0	0	1	15'-9"
DOUBLE SWING GATE	19'-6"	2	0	0	21'-6"
	21'-9"	1	1	0	23'-9"
	24'-0"	0	2	0	26'-0"
	24'-6"	1	0	1	26'-6"
	26'-9"	0	1	1	28'-9"
	29'-6"	0	0	2	31'-6"

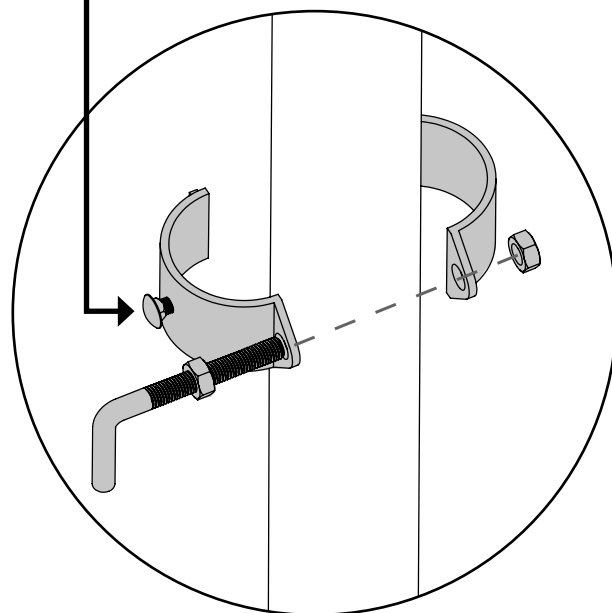
# INSTALLATION

## INSTALLATION OF THE BENT BOLTS TO THE POST

- A** Install the 3 bent bolts to the post at the heights and in the direction specified in the diagram below.
- B** Fasten the bottom bent bolt securely in place at 10 in. high on the post.
- C** Slightly tighten the middle and top bent bolts at the heights shown to allow adjustment in subsequent steps.



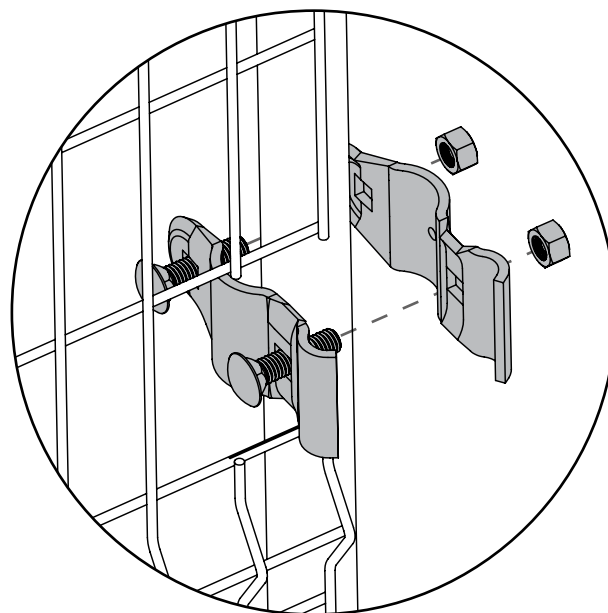
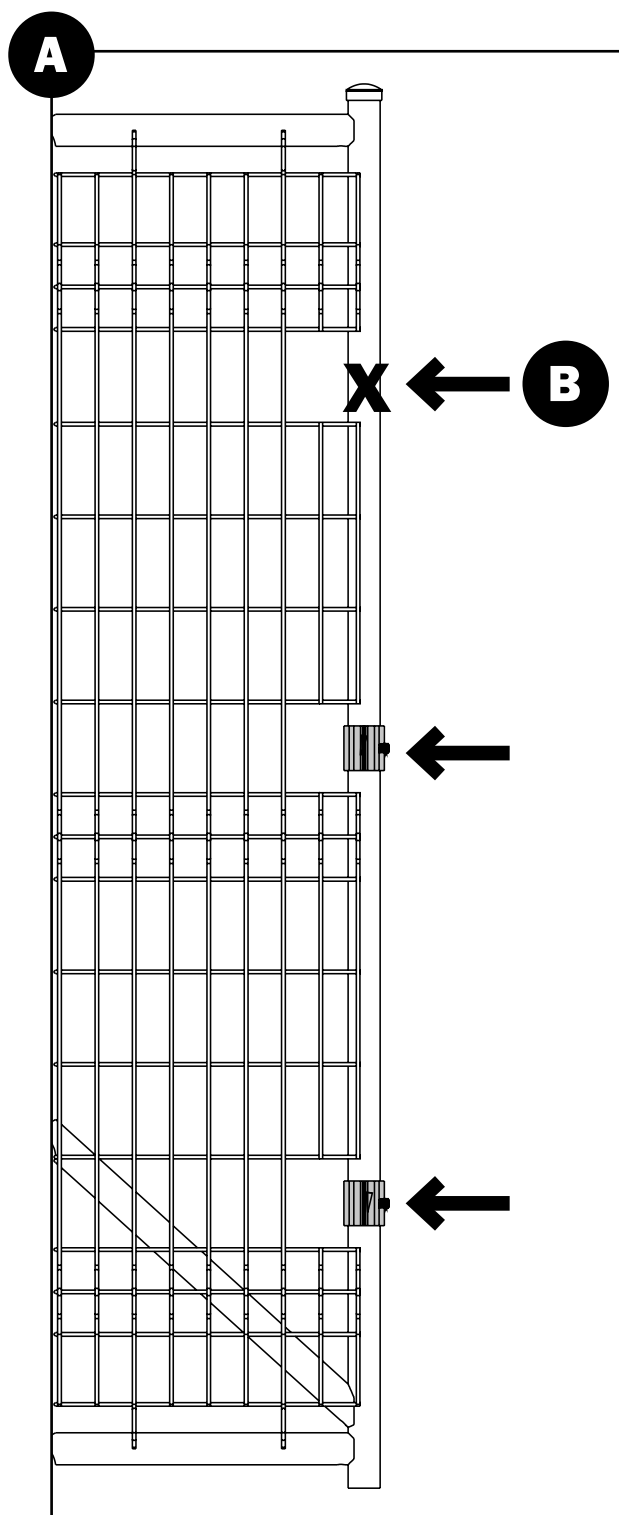
NOTE: The center screw on the bent bolt allows adjustment according to the size of the post.



# INSTALLATION

## INSTALLATION OF PIVOT HINGES

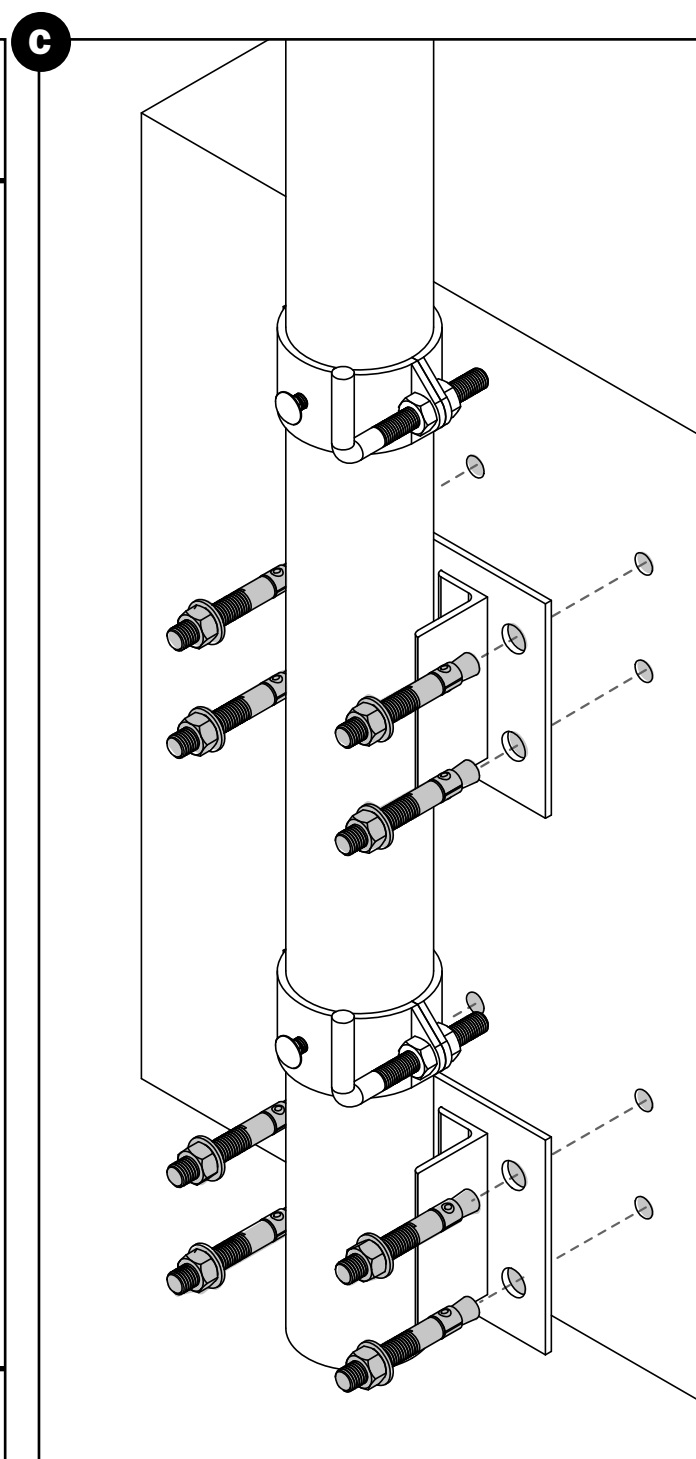
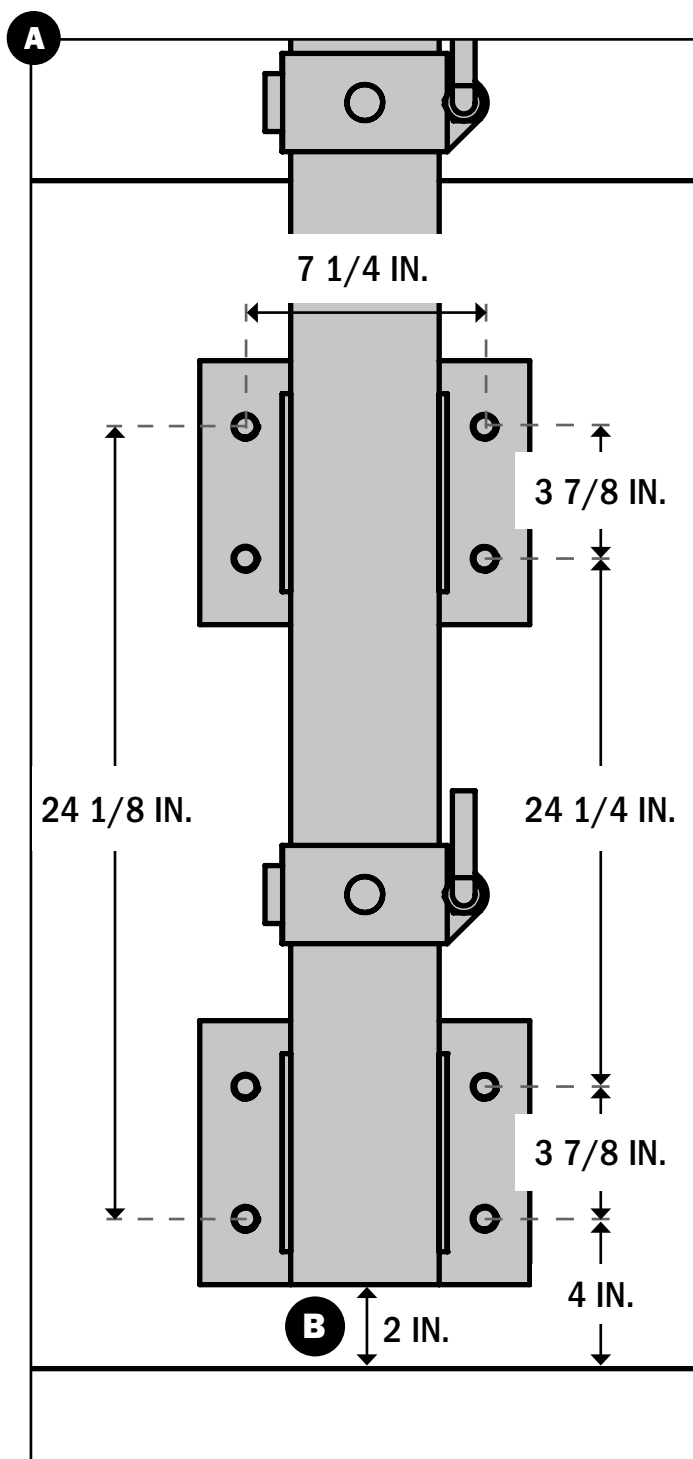
- A** Install the bottom and middle pivot hinges. Fasten the bottom one securely and slightly tighten the middle one to allow adjustment in the following steps.
- B** Do not install the top hinge at this stage.



# INSTALLATION

## INSTALLATION OF THE POST ON THE BLOCK

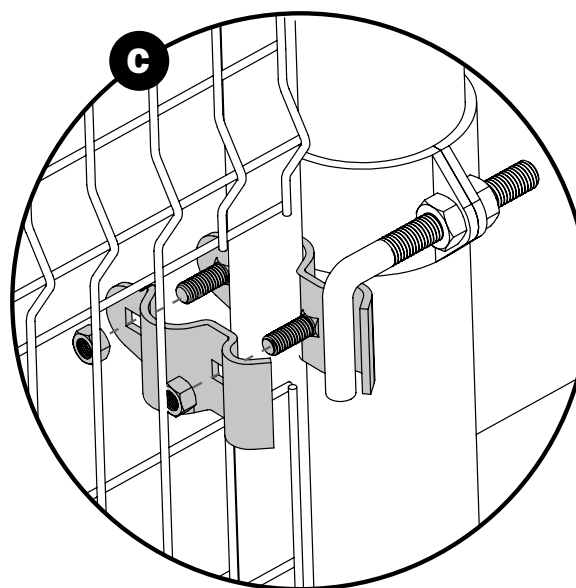
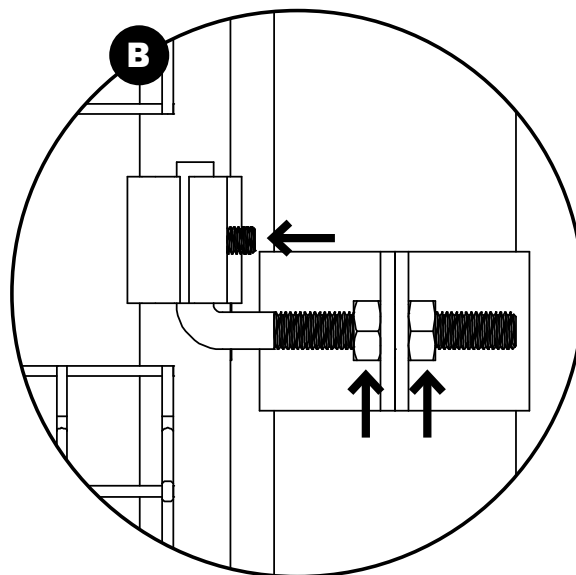
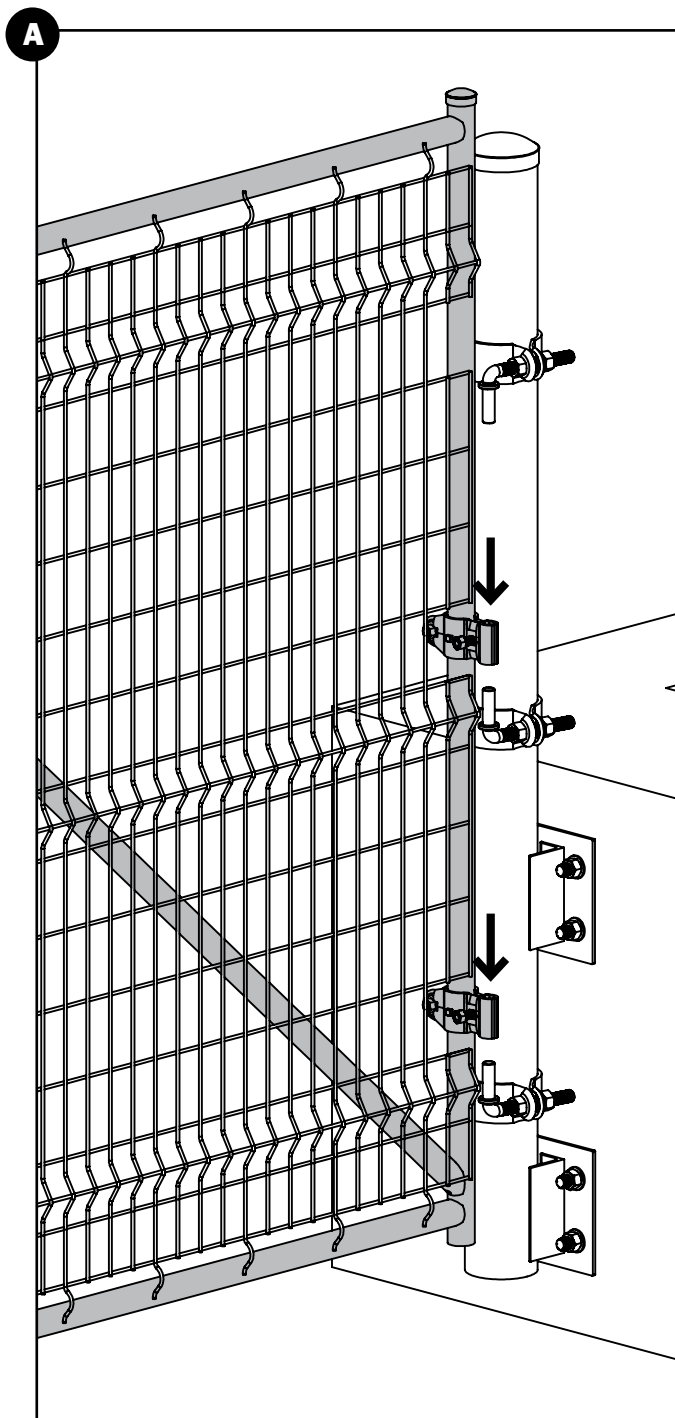
- A** Drill the anchoring holes post according to the template.
- B** Leave 2 in. free between the bottom of the block and the bottom of the post plate.
- C** Install the anchors according to the manufacturer's recommendations. The anchoring method must be appropriate according to the concrete block used. Bolt the post to the concrete block



# INSTALLATION

## GATE INSTALLATION

- A** Install the gate on the bent bolts of the post.
- B** To adjust the angle and height of the gate, adjust the bent bolt and middle pivot hinge. Securely fasten the bent bolt and the hinge after this operation is completed.
- C** Install the top pivot hinge and securely fasten the bent bolt and hinge in place.



## Customer Service

# 1 800 363-7587

Our customer service staff is available to help you. For help with product assembly, to report damaged or missing parts, or for any other information about this product, please call our toll-free number.

### **KEEP THIS MANUAL FOR FUTURE REFERENCE**

Keep this manual and the original sales invoice in a safe, dry place for future reference.

## One Year Limited Warranty

Metaltech-Omega Inc. guarantees this product against any material defect. Please return this product, freight prepaid, to Metaltech-Omega Inc. At its own discretion, Metaltech-Omega Inc. will replace or repair this product and return it within a reasonable time. This warranty does not cover any damage(s) caused by any incorrect or inappropriate use, care or maintenance. Proof of purchase must accompany the return.



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**WWW.METALTECH.CO**  
**1 800 363-7587**  
LAVAL, QUEBEC, CANADA H7L 3N6

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