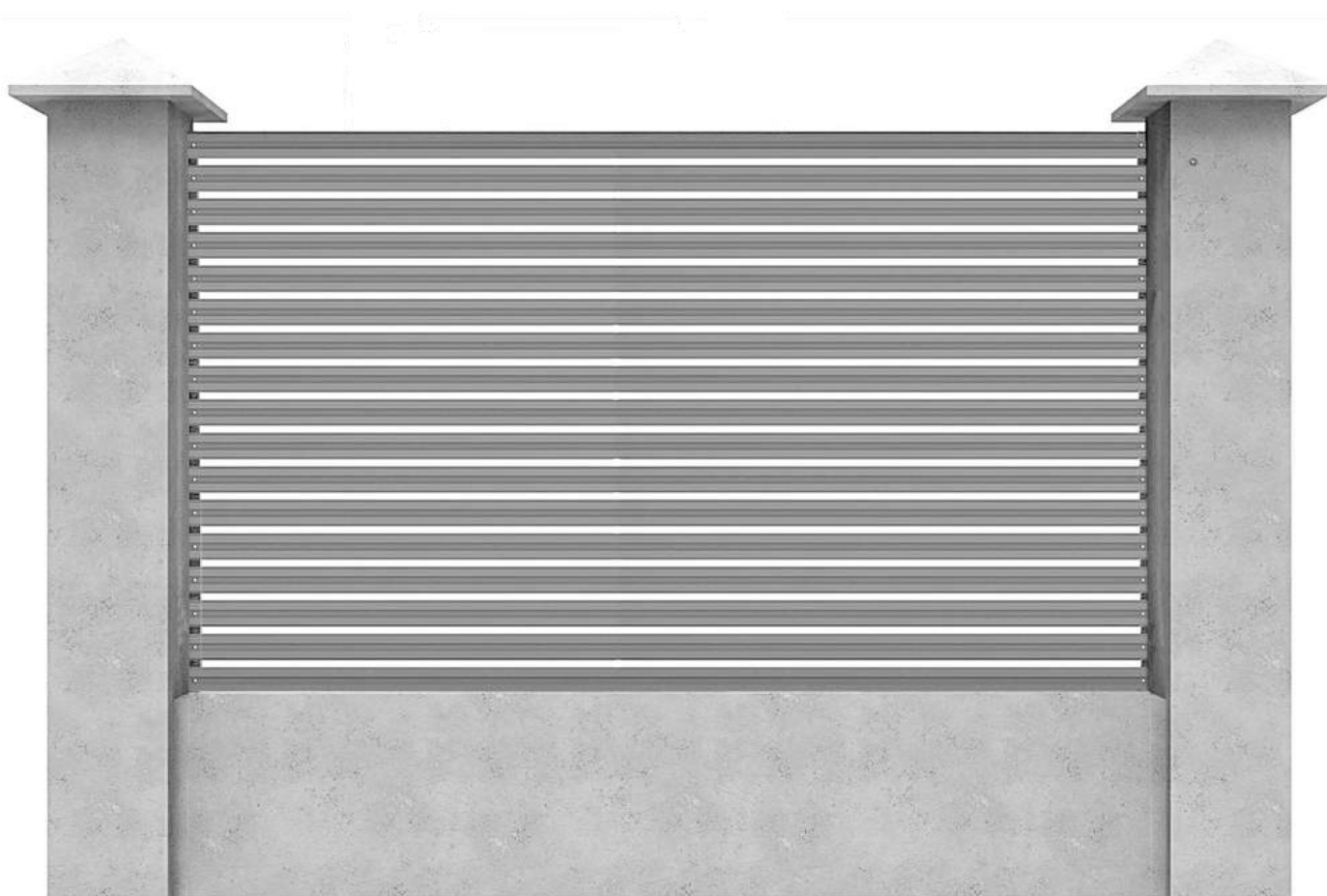


# METAL PICKET FENCE

TISA AND POLO HORIZONTAL



## ASSEMBLY INSTRUCTIONS

# INCLUDED ELEMENTS

## SELF-DRILLING SCREWS

**50 PCS.** (h) PICKET  $\leq$  1.50m

[the required quantity for fastening  
in 2 fixing points / picket]

**75 BUC.** (h) SIPCA  $>$  1.50m

[the required quantity for fastening  
in 2 fixing points / picket]

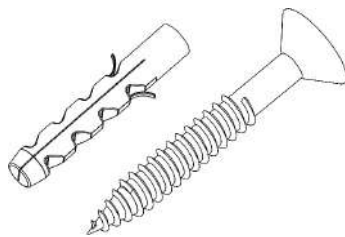


## METAL PICKETS SIMETRICA

**25 PCS.**

[the required quantity for  
approximately 3 meters of fence cu  
distanța de 1cm între șipci]

## THE SET DOESN'T INCLUDE

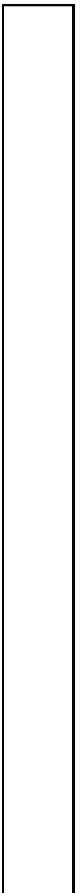


### PLUGS + SCREWS

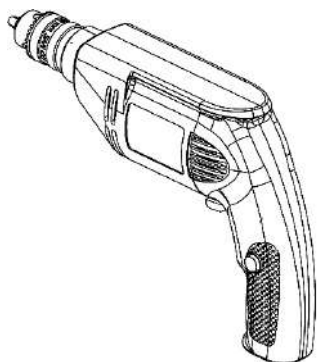
(for fastening the  
Rectangular Pipe on  
the concrete / brick  
pillars)

### RECTANGULAR PIPE

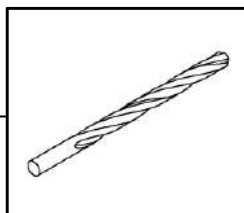
(30mm x 20mm)



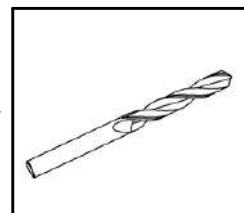
# NECESSARY TOOLS



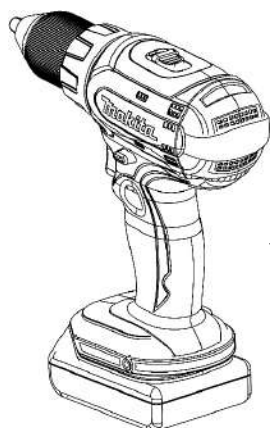
**DRILLING  
MACHINE**



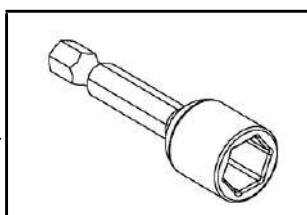
**Drill  $\varnothing$ 7/8  
for METAL**



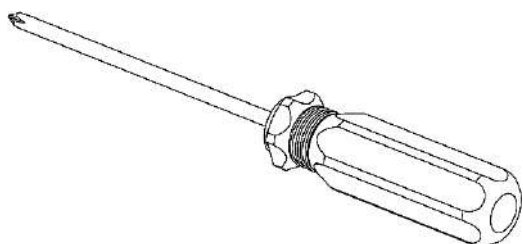
**Drill  $\varnothing$ 10 for  
CONCRETE**



**SCREWDRIVER**



**Tubular Key  
 $\varnothing$ 4**



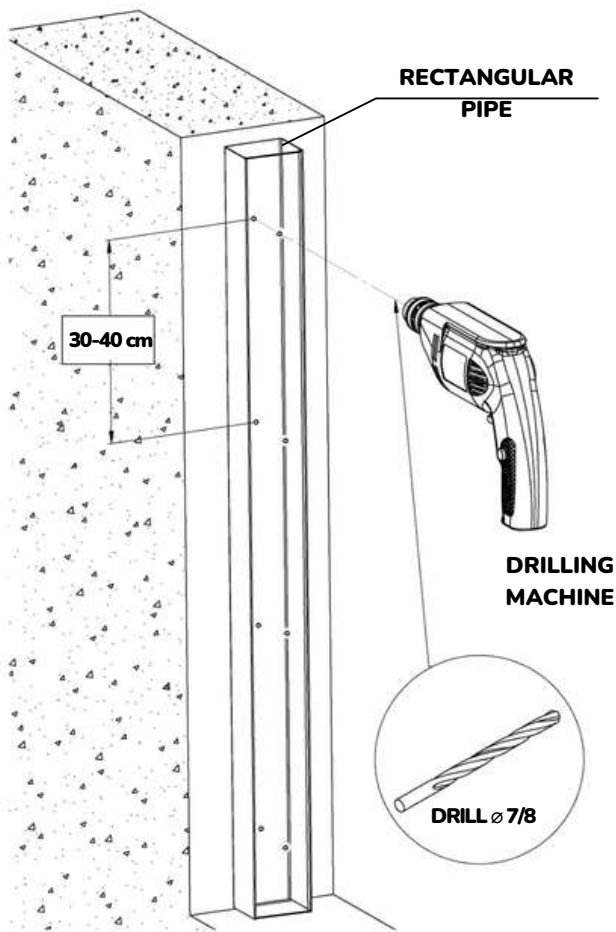
**STAR-HEAD  
SCREWDRIVER | PH2**



**LEVELER**

# RECTANGULAR PIPE INSTALLATION

Concrete / Brick Pillars



- 1 Position the Rectangular Pipe on the post.

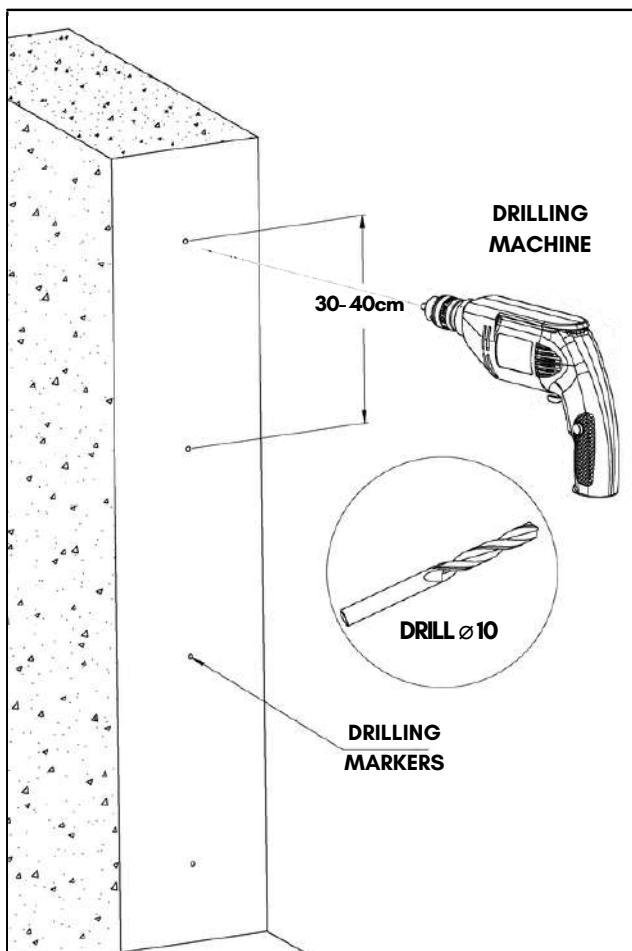
No spacing is required for the Rectangular Pipe from the base.

- 2 While maintaining the position of the Rectangular Pipe on the post, use a **drill** with a metal drilling bit ( $\varnothing 7/8$ ) to **drill holes** through the Rectangular Pipe into the post at intervals of 30-40cm.



**Hold the rectangular pipe firmly in place throughout the drilling process to prevent it from shifting or repositioning.**

Drilling the Rectangular Pipe in position on the post will leave the necessary reference marks for the subsequent drilling of the post.



- 3 After finishing the drilling process, remove the Rectangular Pipe from the post.

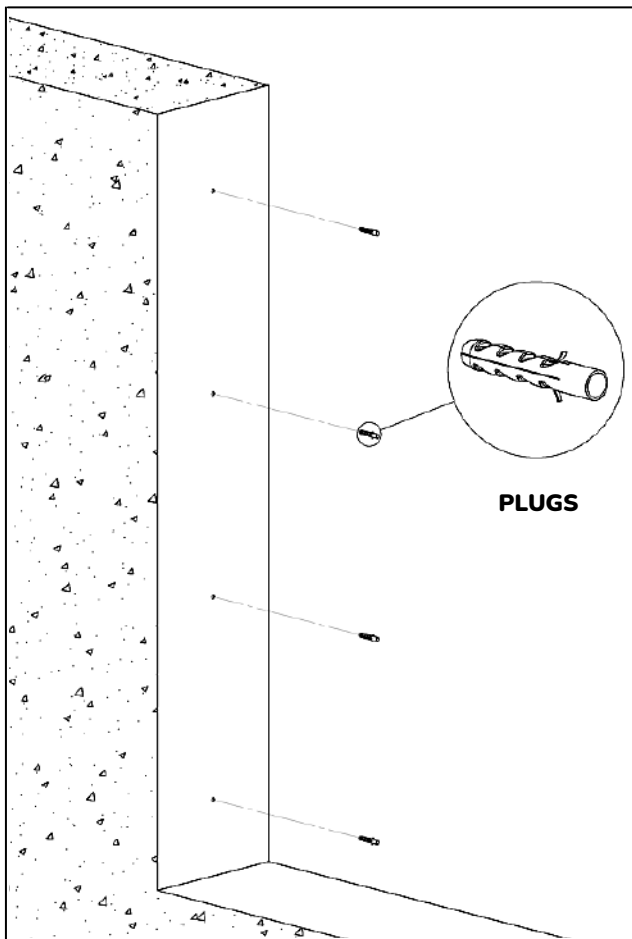
You will notice the reference points (spaced at intervals of 30-40cm) that will serve as markers for drilling the post in the next step.

- 4 Using a drill with a 10mm ( $\varnothing 10$ ) concrete drill bit, drill the post following the marked reference points.

**REPEAT THE STEPS ABOVE FOR THE  
INSTALLATION OF THE RECTANGULAR PIPE ON  
THE RIGHT SIDE.**

# RECTANGULAR PIPE INSTALLATION

Concrete / Brick Pillars



5

Insert the plugs into the post holes that were drilled in the previous step.

6

Position the Rectangular Pipe on the post. Make sure the post fixing holes and those of the rectangular pipe are aligned.

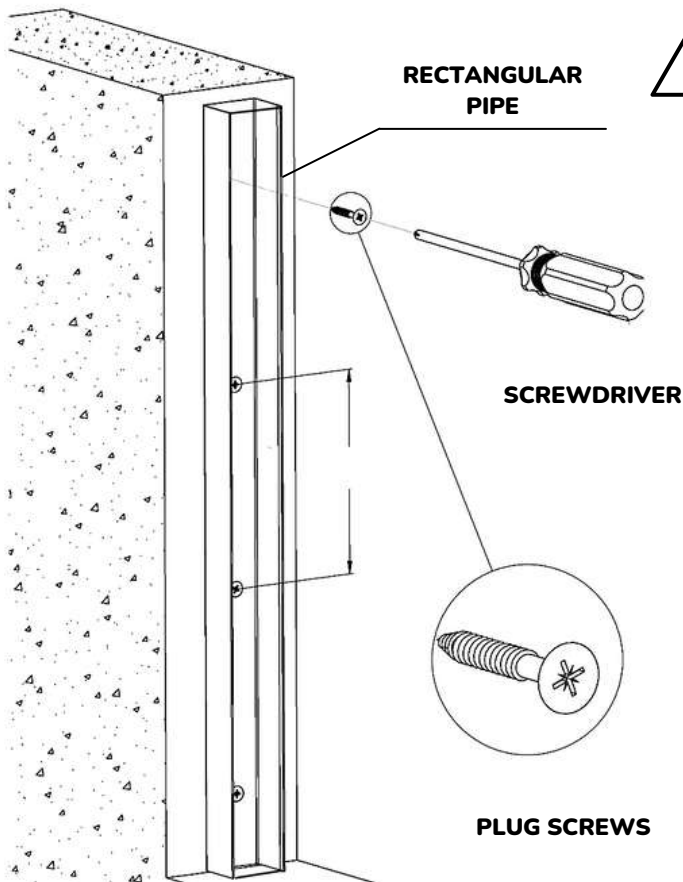
7

Using a star-head or PH2 screwdriver, insert the plug screws into the aligned holes and tighten them securely by screwing them in.



**Hold the rectangular pipe firmly in place throughout the screwing process to prevent it from shifting or repositioning.**

**REPEAT THE STEPS ABOVE  
FOR THE INSTALLATION OF  
THE RECTANGULAR PIPE ON  
THE RIGHT SIDE.**

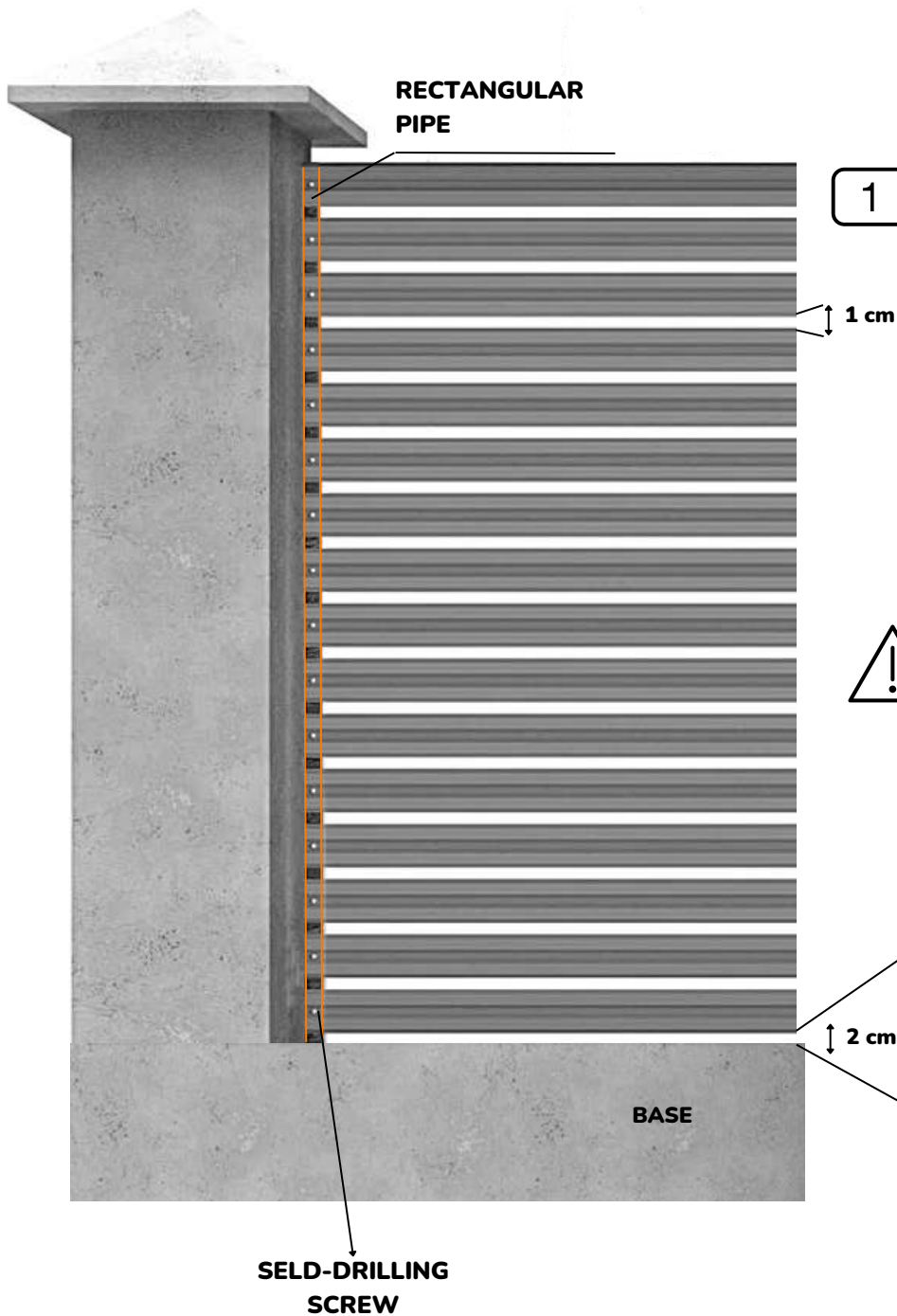


Metal Picket Fence Simetrica requires intermediate supports (pillars/posts) installed at the center of each panel.

The required number of intermediate supports (pillars/posts) depends on the length of the picket fence.

- 0.30m - 1.59m = 0 pcs. support
- 1.60m - 2.0m = 1 pcs. support
- 2.0m - 3.0m = 2 pcs. support

# ASSEMBLY



1 Start the assembly of the metal pickets from the bottom, working your way up.



It is important to use a leveler during the installation of the first metal picket. The leveler will ensure the horizontal alignment of the profile. It is recommended to leave a spacing of 2cm from the base.



2

Position the Metal Pickets horizontally between the existing vertical Rectangular Tubes or the ones installed in the previous step.

3

Using an screwdriver machine with an 8mm socket, screw the Metal Pickets into the center of the vertical metal rectangular pipes.



**Hold the profiles firmly in place throughout the process to prevent them from shifting or repositioning.**

# ferro system

ferrosystem.com  
(425) 371 9121