

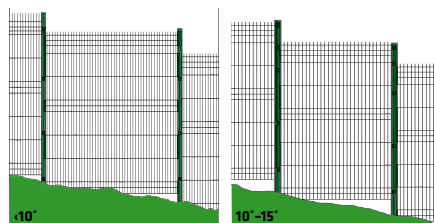


## Instructions for assembling PILOFOR® panels on round posts IDEAL®

### A. INSTALLING STRAIGHT FENCING

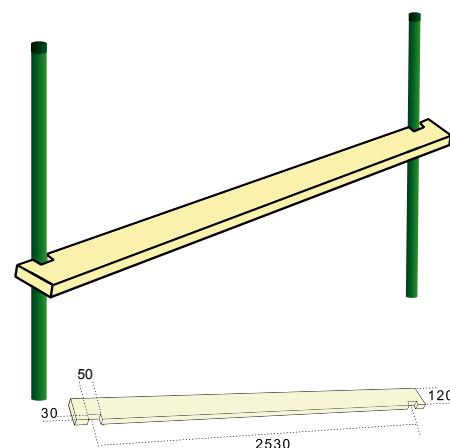
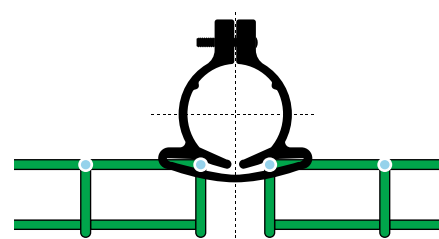
15 to 23 cm in diameter holes for posts 253 cm apart, measured from the center of the hole, will be prepared along the intended future fence line. Holes must reach a non-freezing depth, at least 80 cm. Standard posts Ideal®, with the corresponding length, are installed into the prepared holes at the proper height. End, straight and corner posts are not distinguished for this type of fencing. It is recommended to prepare a wooden mold for concreting the posts (see fig.). Posts must be precisely leveled for concreting both in terms of direction and height, the distance between them must be precise and they must be completely perpendicular. After fixing the posts into concrete, the concrete shall be left to properly dry before installing the panels onto the posts. The optimal period is about one week, however, it strongly depends on the current weather situation. Supports are not used for this type of fencing. Panels are gradually fixed to panels in such manner that a sleeve is threaded through the end eyelet of the panel through a vertical wire, which is then threaded through the round post. The vertical wire of the panel must be clamped between the sleeve clamps. Use a clamping tool for clamping the sleeve to draw the loose ends (e.g. "sika pliers") closer; join the ends when they are closest to each other using a screw and nut

and tighten firmly. Neighboring panels are fixed to the post using the corresponding amount of plastic sleeves (according to the height of panels - see table) so that we can install both neighboring panels into one sleeve. If the panel contains pressed "V" shaped beams (Pilofo Classic, Light, Pro, Promo), the holder is always placed under the bottom horizontal wire of each pressed "V" shaped beam. If the panel does not contain pressed "V" shaped beams (Pilofo Classic, Light, Pro, Promo), the corresponding number of holders are distributed evenly along the entire height of the panel, though always under a horizontal wire.



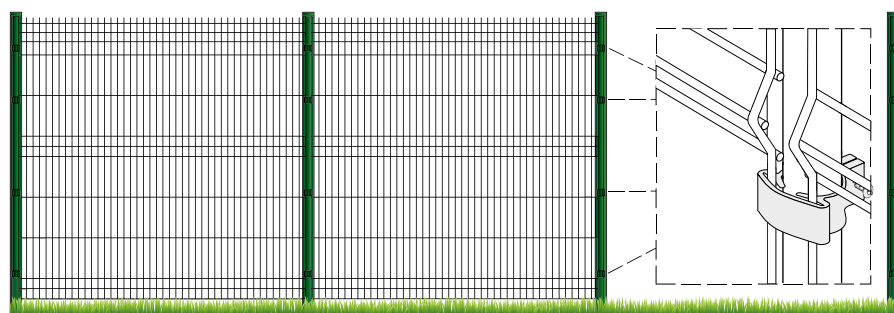
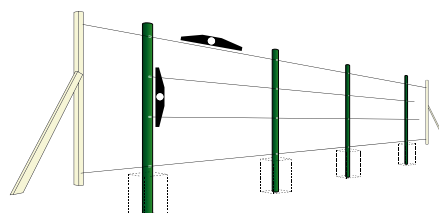
### B. INSTALLING FENCING WITH BENDS

Corners to the fencing (any bends changing the direction of the fencing line) are realized identically to straight fencing with the exception to the distance of the corner post from the neighboring posts - here, the distance between posts at the middle of the post is 251 cm.



### C. INSTALLING FENCING ON HILLS AND VARIABLE HEIGHTS

Pilofo® panels can only be installed horizontally. Panels never copy the surface and do not adapt to the ground inclination. For installing fences on hills, the neighboring panels on the post are mutually separated in terms of height. This will result in two offsets on the post - one at the top and one at the bottom. The number of holders on this post will be increased by 2 pieces, compared to a standard installation, in order to fix the top and bottom ends of the "offset" panel. It is necessary to mind the need to use longer posts in places where there are offsets. The recommended highest offset in terms of height is 20 cm.



PANEL HEIGHT	NUMBER OF HOLDERS
for straight and end posts*	
1030 mm	3
1230 mm	4
1430/1530 mm	4
1630-1730 mm	5
1830 mm	5
2030 mm	6

\* the number of holders for posts is greater for corner posts





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## D. PANEL INSTALLATION AT THE END OF THE FENCING LINE

Pilofofor® panels can be shortened as necessary and according to the length of the fencing segment, always with the multiple of the distance between vertical wires. The shortened panel installation is identical to the standard installation, or to the installation for bends or in steps.

## C. FENCING WITH CONCRETE DIGGING BOARDS UNDER PANELS

When installing fencing with concrete digging boards under panels, straight or end holders for digging boards are used for installing boards between posts. The holders are fixed to the posts using self-cutting screws. Concrete digging boards are loosely inserted into the digging board holders. The standard panel installation process continues once the digging boards have been installed. The installation system is the same, just longer posts shall be used. The length of the posts shall increase by the length of the board.

## F. FENCING WITH ANTI-TRESPASS ELEMENTS ABOVE THE FENCING

Barb wires or razor blade strips can be installed above the panels in two ways:

### a) placing bavolets on top of posts and installing 3 rows of barb wire or razor blade strips

Bavolets are usually one-armed 50cm post attachments, forming an 45 degree angle with the post, which increase the height of the fence by 30 cm. Bavolets are also suitable for the installation of razor blade spirals.

### b) installing 1-5 rows of barb wire or razor blade strips, directly onto the posts above the panels

For this method of increasing the security level of the fence, the barb wire or razor blade strips are installed directly on the posts above the panels into tension wire holders installed on the post in advance, usually 10-15 cm apart. With this option, it is necessary to count on proportionately longer posts depending on the number of rows of security elements.

