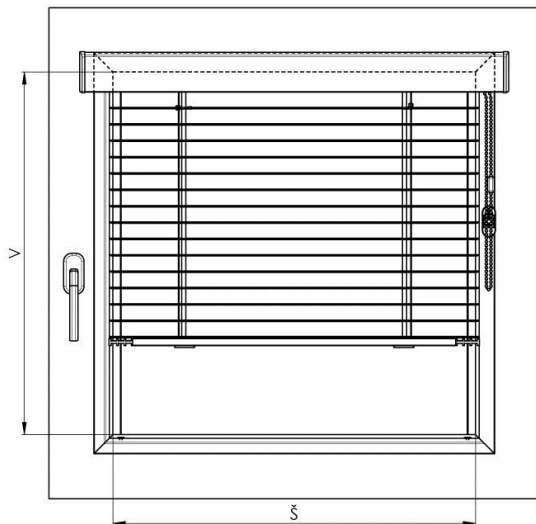
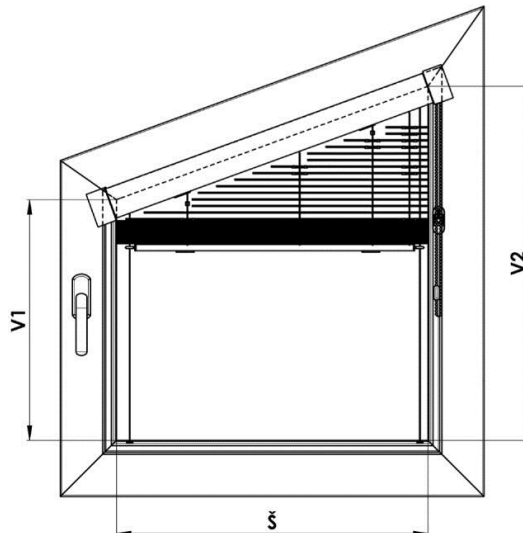


# ISOLITE, ISOLITE PLUS

Rectangular window



Untypical window



## 1. MEASUREMENTS

Isolite and Isolite Plus blinds are designed to be assembled into the window wing of plastic and wooden EURO windows.

THE WIDTH AND HEIGHT ARE MEASURED IN THE FOLLOWING MANNER:

w.... (width)

The measurement is taken at the glass from the left inside edge of the glazing bar to the right inside edge of the glazing bar, including the rubber or silicon sealing in three places – up, middle and down. For manufacturing and ordering the blind, the minimum measured dimension is stated.

The width of the blind is produced with the precision of millimetres from the width 300 mm to 2000 mm with a tolerance of  $\pm 1$  mm.

h .... (height)

The measurement is taken at the same depth of the glazing bars as the width of the blind, from the upper bar to the lower bar.

The height of the blind is produced with the precision of millimetres from the height of 300 mm up to 2200 mm with a tolerance of  $-3 / +27$ mm.

d .... (depth)

The depth of the glazing bar is measured in relation to the use of the distance bases under the side board for the blinds. There are the left and the right base.

Depth of the glazing bar:

19 and more mm – no base

15 - 19 mm one base

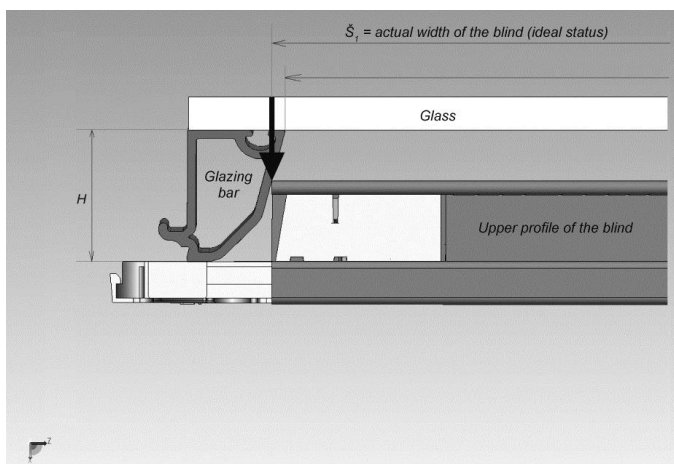
on each side

11 - 15 mm two bases

on each side

Maximum guaranteed area: 2.5 m<sup>2</sup>

For dimensions outside the stated limits, it is recommended to consult with the manufacturer.



The ideal measurements of the blind are in the diagram. Such measurements can be taken by using the cut of the upper profile; by the aid of the side board place on the glazing bar, it is possible to record the point, the maximum possible width of the blind. From this point the dimension of the same point on the opposite side is measured. This marking is always influenced by the form and size of the glazing bar of the window profile.

## 2. ASSEMBLY

Assemble exclusively according to this manual to prevent redundant assembly errors and other related problems.

AIDS FOR ASSEMBLY:

- electric drill, drills
- cross-head screwdriver
- knife, scissors, pliers

	for fixing blinds	for fixing the holder of the chain	hole for tightening pin
screw	3,9 x 16; 3,9 x 22	3,9 x 16	3,2 mm für Plastikfenster und Alu-Fenster, 3 mm für Holzfenster
drill with the diameter Ø	2,5 mm	2,5 mm	

## INSPECTION:

- We recommend inspecting all the parts of the goods after the delivery to prevent any problems before assembly. Any defects or comments concerning the assembly or blinds must be notified to the manufacturer

## ASSEMBLY

- remove the upper profile of the blind
- never expand the blind before assembly
- on the blind in the window wing check that the dimension corresponds to the width of the window
- check that the control mechanism is located on the correct side; it is possible to move the control mechanism, if necessary, but only after prior training
- depending on the depth and form of the glazing bar, support the blind using pads
- screw the blind to the window frame using two or four screws according to the size of the blind for plastic windows, although only into the glazing bar to prevent damage to the window ring; for the width of 80 cm or more, it is possible to secure with a screw in the middle of the blind - for plastic, then again only into the glazing bar
- drill upwards into the lower part of the glazing bar and drill holes for the tightening pins for the leading nylon which pass in the side boards, then tighten the redundant ends and insert the remaining ends of the nylon into the upper profile of the blind.
- click the cover bar with side covers into the upper basic profile, for blinds with pads insert from upwards between the window frame and the basic upper profile; along the whole width, further pads are removed after the clicking of the upper cover bar as this prevents the blind from springing
- fix the clamping piece of the chain; for plastic windows, again only into the glazing bar,
- check the function of the blind

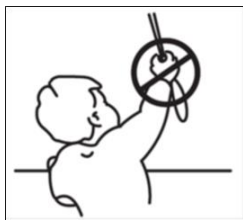
If the form or the size of the glazing bar does not enable one to drill holes for the tightening pins into the glazing bar from upwards, choose the option of drilling the holes for pins into the face of the glazing bar. In this case, take care not to damage the glass with the drill. It is important to measure the correct depth for the drilling! The client must be informed in advance of this form of assembly and consent in writing to the handing over protocol. In each case, ensure the full functionality of the blind and the window.

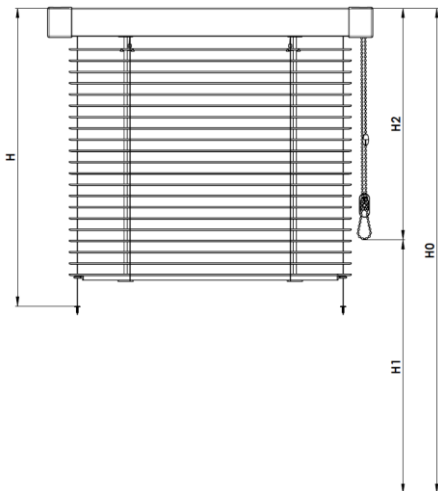
## ATTENTION.

During assembly it is necessary to place the blind in the window when it is lifted up; mark the position of the screws on the window wing, fit the blind and then lower it. Each manipulation of the blind before assembly (if necessary) is only to be done in the horizontal position! Any other manipulation is forbidden and claims for such damaged blinds will not be accepted!

**ATTENTION!**

Pursuant to the EN 13120:2014 standard, window blinds shall be installed in accordance with the following instructions:



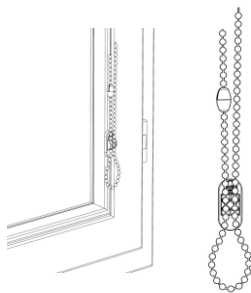

**Chain:**

If a breakaway coupler is used:

The chain length must be limited as follows:

- 1) If installation height (H0) is not specified, the chain length (H2) shall be less than or equal to 2/3 of the blind height (see Fig.):  $H2 \leq 2/3 H$ .
- 2) If installation height (H0) is specified, the distance from the floor to the bottom part of the pull cord (H1) shall be at least 0.6 m:  $H1 > 0.6 \text{ m}$ .

A dangerous loop must be eliminated when a mass of 6 kg is applied or within 5 seconds of application.



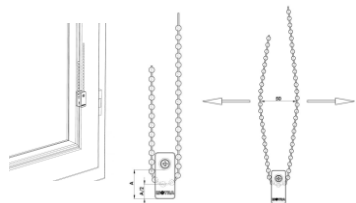
APPLY ONE HALF OF THE COUPLER TO EACH END OF THE CHAIN AND THEN LOCK BOTH COUPLER HALVES.

If a fixed tensioning system – pulley – is used:

The pull cord length must be limited as follows:

- 1) If installation height (H0) is not specified, and
  - i) if the blind height (H) is less than or equal to 2.5 m, the length of the pull cord(s) (H2) shall be less than or equal to 1 m (see Fig.):  $H2 \leq 1 \text{ m}$ .
  - ii) if the blind height (H) exceeds 2.5 m, the length of the pull cord(s) (H2) shall be less than or equal to the height of the blind minus the value of 1.5 m (see Fig. 6):  $H2 \leq H - 1.5 \text{ m}$ .

- 2) If installation height (H0) is specified, the distance from the floor to the bottom part of the pull cord(s) (H1) shall be at least 1.5 m (see Fig.):  $H1 > 1.5 \text{ m}$ .
- b) The distance between two loop strands shall not exceed 50 mm at the output from the fixed tensioning device.



THE PULLEY POSITION SHALL PREVENT EXCESSIVE CHAIN TENSIONING AND THE CHAIN MUST NOT COME OFF!

WHEN PULLED APART, THE GAP BETWEEN THE CHAIN STRANDS SHALL NOT EXCEED 50 mm!

ILLUSTRATIVE ASSEMBLY

