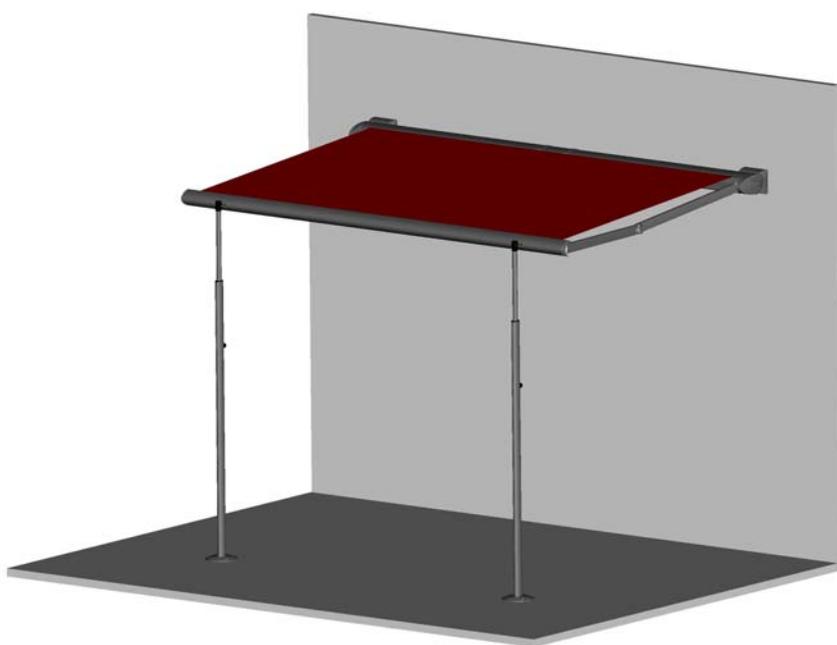


# Maintenance Instructions and Directions for Use Wind Support



## **Attention** **Important guidelines for end users**

Please read carefully and bear in mind before using!  
These instructions must be kept by the end user

Last revised: July 2011



113197

We reserve the right to make technical changes.  
Item no.: 113197-0000

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## 2 Important Notes / Safety Notes

### 2.1 Safety Notes

Safety notes can be found at the appropriate places in the text. They are marked with a symbol and a warning text.

#### Important Safety Note:



This warning triangle marks notes about dangers which could lead to death or serious injury or which are important for the proper function of the product.

### 2.2 Reading the Maintenance Instructions and Directions for Use

Please read the operating instructions before using the wind support for the first time. For personal safety, it is important that these instructions are complied with. All instructions must be kept by the customer and passed on to the new owner if ownership of the wind support passes to a third party.

### 2.3 Proper and Safe Use



Wind supports may only be used to support awnings in winds of up to Force 5 on the Beaufort scale (= fresh breeze => 8 - 10.8 m/s => 29 - 38km/h => branches of a moderate size move. Small trees in leaf begin to sway). The supports can also be used on Paravento side awnings (but not if the moulded base is used).

Awnings that are secured using wind supports must not be left unattended when open. Awnings with a valance and which are secured using the wind support and valance safety device must not be fitted with sensors which enable the awning to retract automatically. For more specific information on this, please consult the maintenance instructions and directions for use.

Alterations such as attaching items or conversions not envisaged by weinor may only be carried out with weinor's written consent.

Additional loads on the awning or wind supports caused by hanging objects from them or by anchoring ropes may result in damage or cause the awning to fall and are therefore not permissible.

### 2.4 Operation



It must be assured that no children or people unable to properly assess the risks of improper or incorrect use should be able to operate the wind support.

### 2.5 Use in Winds

Wind supports may only be used to support awnings in winds of up to Force 5 on the Beaufort scale (= fresh breeze => 8 - 10.8 m/s => 29 - 38km/h => branches of a moderate size move. Small trees in leaf begin to sway).

## 2.6 Use in Ice and Snow

The same terms of use apply as for your weinor awning. Please read the maintenance instructions and directions for use for further details.

During wintery conditions and snowfalls, and when temperatures fluctuate around freezing point, you may find snow has settled and/or ice has formed on outer parts or inside the wind support which may result in the hand knob locking mechanism or the height-adjustable aluminium pipe freezing and you being unable to use these parts. These are not product deficiencies. To restore the parts in question to full operability, you will need to free them from any snow and ice in the proper manner.

## 3 Maintenance

### 3.1 Cleaning Powder-Coated Aluminium Parts

So that you may enjoy your wind support for many years to come, we recommend that you clean the aluminium parts at least once a year – and even more often if heavily soiled. To clean, use clear water and add a few drops of pH-neutral or very slightly alkaline detergent.

### 3.2 Rectifying Errors/Malfunctions

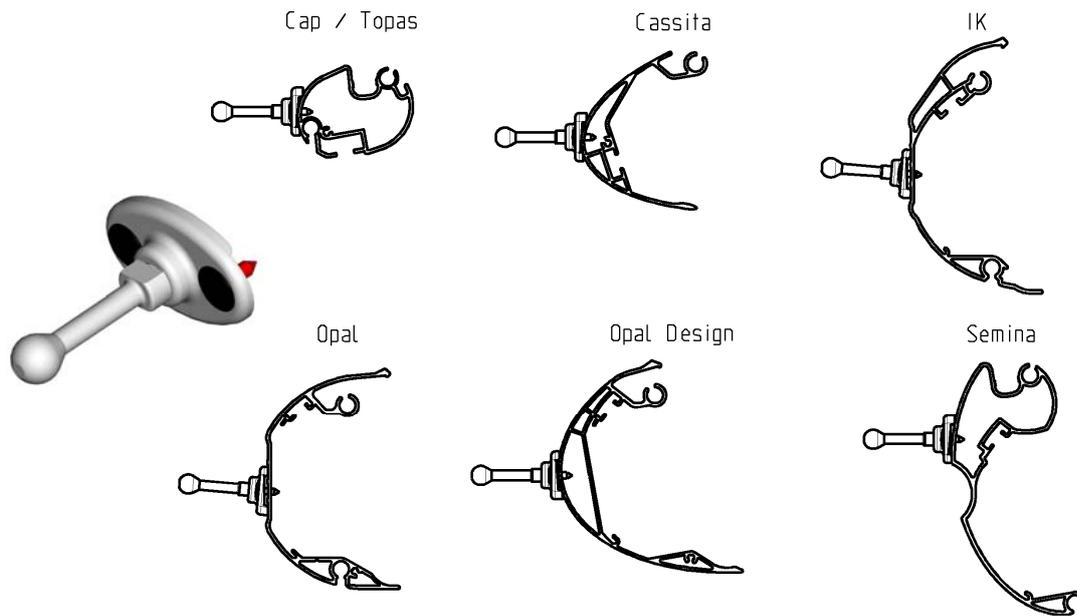
- In general, you should only tackle errors or malfunctions which can be rectified through maintenance and care. This includes, for example, removing foreign bodies or lubricating movable parts.
- All other defects or malfunctions should only be repaired by a specialist retailer or partner.
- Please bear in mind that defects that are not repaired properly will compromise the safety of your awning system. Call your specialist retailer to book a professional. Your specialist local retailer will gladly provide you with swift, expert advice.

## 4 Description of Construction and Function

Wind supports are fitted to the patio flooring in front of a folding arm awning to stabilise the awning when winds pick up. Connecting elements are fitted to the drop profile on the awning. These elements can be locked in the wind support if required. Since the wind supports are height-adjustable, they can be adjusted to the different clearance heights of the awning. The wind supports are designed for a max. wind load of Force 5 on the Beaufort scale or wind resistance class 2.

Fundamental principle:

Ball-shaped heads can be retrofitted to the awning's drop profile faceplate.



When the awning opens, the ball-shaped heads retract into the retainer on the stationary wind support. The wind support needs to be set to the height of the drop profile. The pipe is secured in place by means of a hand knob. The drop profile has a height adjustment range of 180 to 220 cm. The ball-shaped head can be locked in place by turning the round pipe which is located in the wind support.

## 5 List of Tools

The following tools are required to set and dismantle the wind support:

| Tool                               | Size   | Use   |
|------------------------------------|--------|---|
| <b>Tools/machines</b>              |        |   |
| Allen key                          | Size 3 | To install the pole on the ground             |
|                                    | Size 5 | Adjusting the Inclination of the Wind Support |
| Open-end spanner                   | Size 8 | Replacing the Ball-Shaped Heads               |
| <b>Measuring and testing tools</b> |        |   |
| Tape measure                       |        | To align the wind support                     |
| Folding rule                       |        | To align the wind support                     |
| Spirit level                       |        | To align the wind support                     |
| Plumb-line                         |        | To align the wind support                     |

## 6 Operation

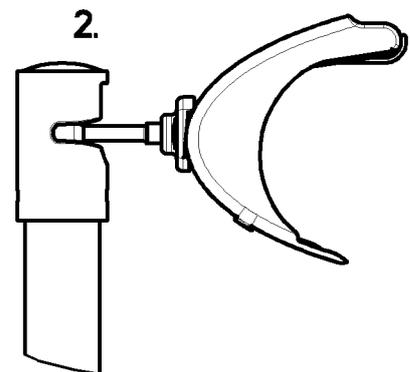
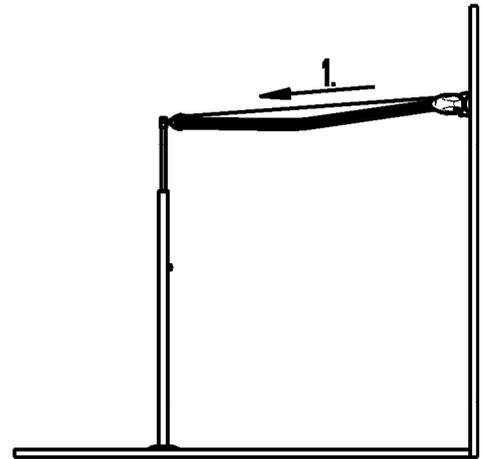
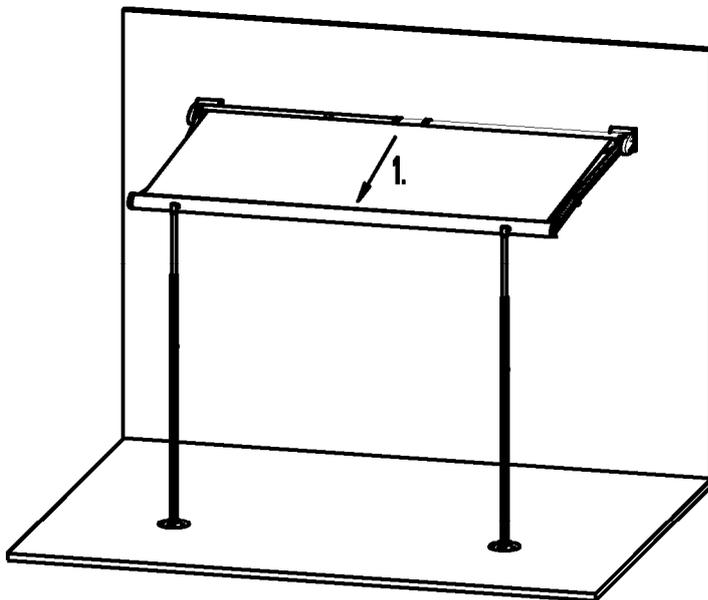
The following notes detail how to operate the wind support using the Cassita as an example. Other weinor awnings are operated in the same way.

### 6.1 Locking the Wind Support (awning without rain or sun/wind sensor)

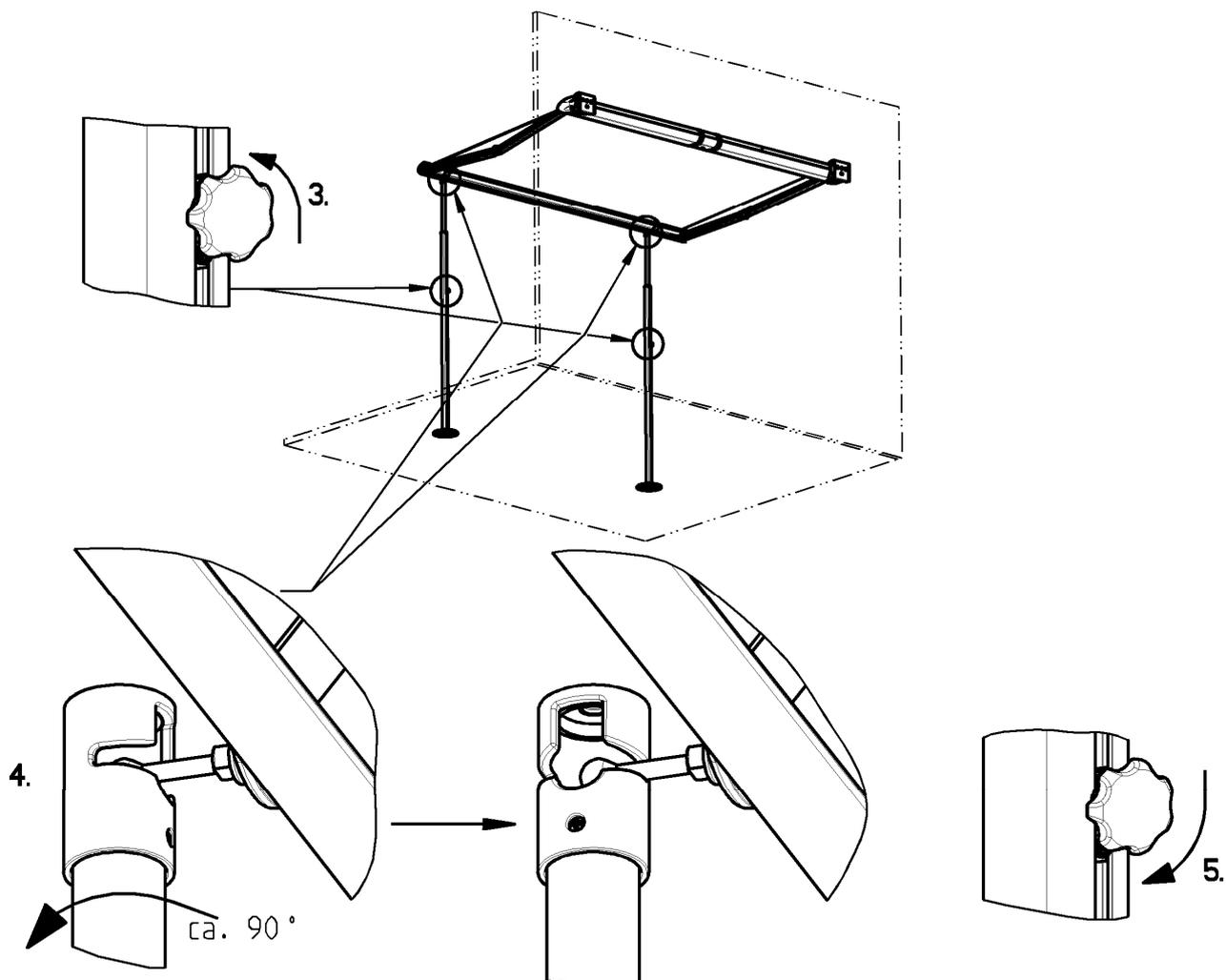


The following locking method is only possible on awnings that are not controlled by an automatic rain or sun/wind sensor.

Open the awning until it reaches the end position (1.) and the ball-shaped head on the awning's drop profile disappears into the rotating head of the wind support (2.).



Loosen the hand knob on the wind support (3.), and turn the rotating head approx. 90° (4.). Then re-tighten the hand knob (5.).

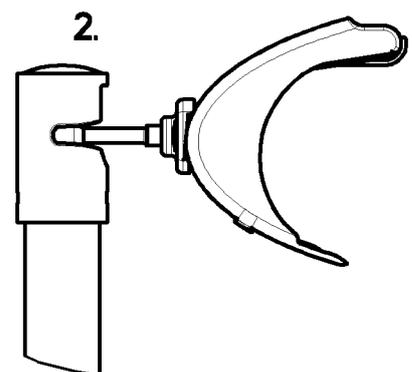
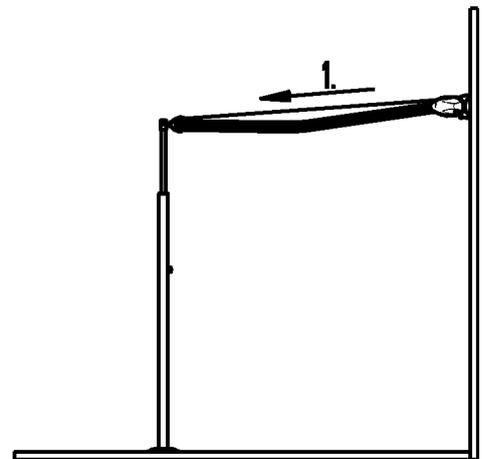
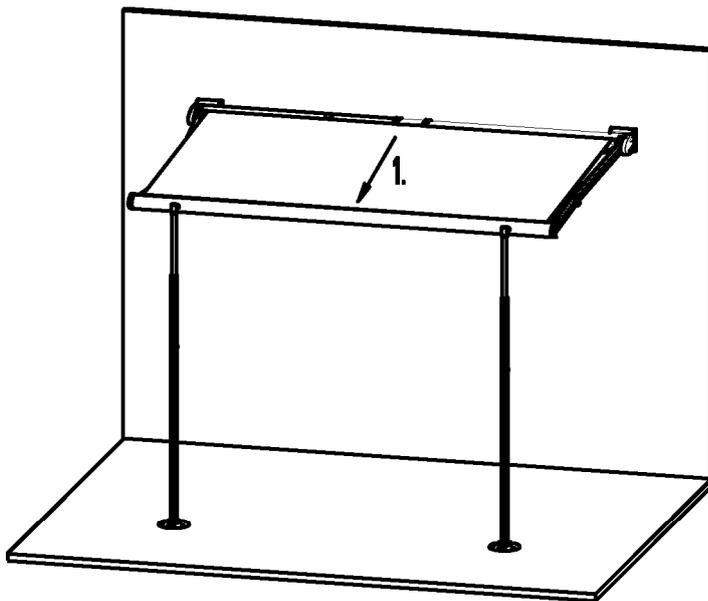


## 6.2 Locking the Wind Support (awning with rain or sun/wind sensor)

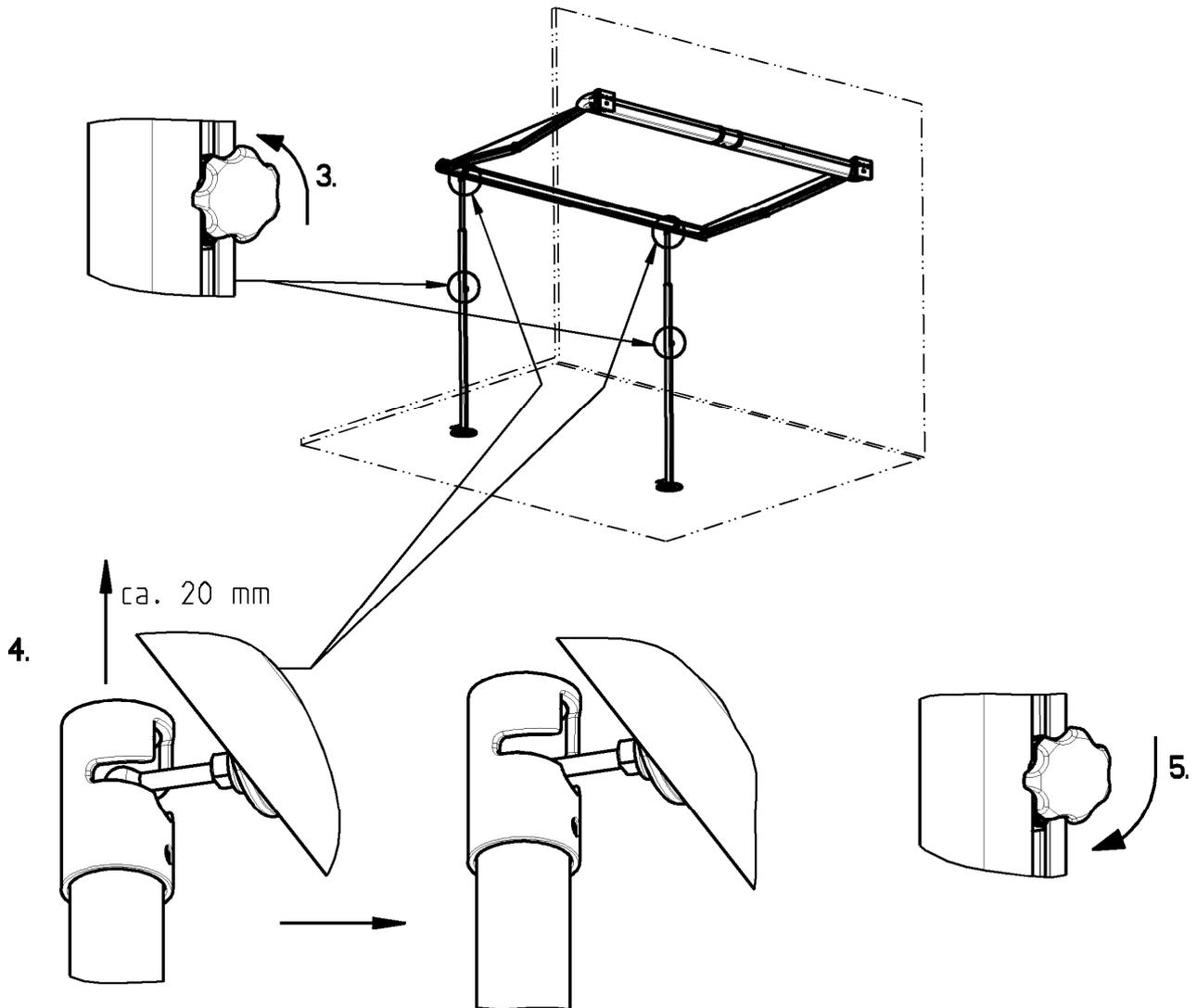


If the awning is controlled by a rain or sun/wind sensor, the locking mechanism on the wind support can only be locked in the following way. Never leave the awning unattended. Realign the wind support before opening the awning. Failing to do this may result in the wind support or awning being damaged!

Open the awning until it reaches the end position (1.) and the ball-shaped head on the awning's drop profile disappears into the rotating head of the wind support (2.).



Loosen the hand knob on the wind support (3.), and slide the rotating head upwards (approx. 20mm) until the awning is slightly tensioned against the drop profile (4.). **Do not turn the rotating head during this time.** Then re-tighten the hand knob (5.).



**Do not lock in the wind support by turning the rotating head!**

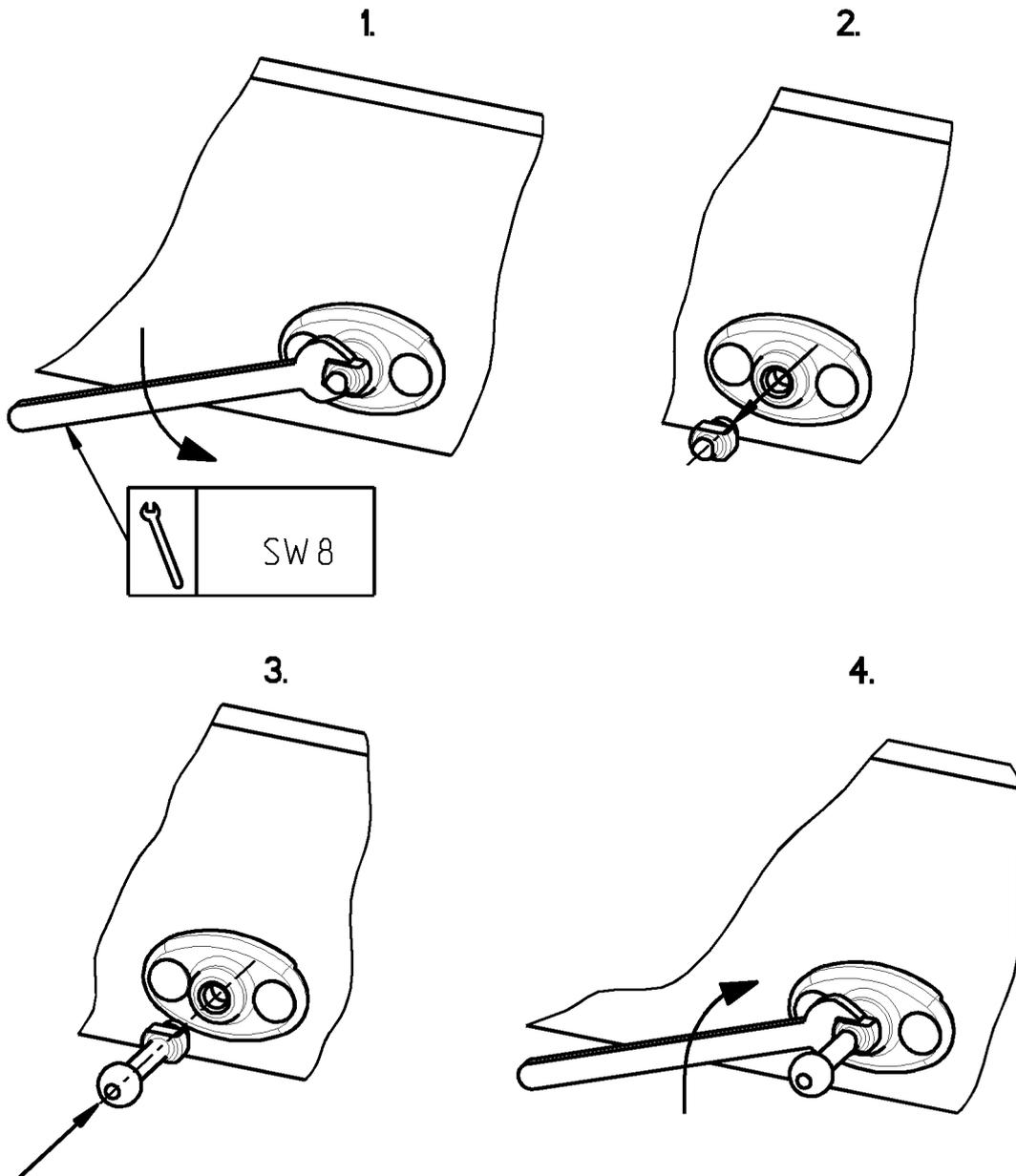
### 6.3 Locking the Wind Support in its End Position at the Ball-Shaped Head

To lock the wind support into its end position, repeat the locking steps in reverse order.

## 6.4 Replacing the Ball-Shaped Heads

If the wind support is inadvertently left in locked position, the ball-shaped heads will break off under heavy loads (e.g. in very strong winds) to avoid greater damage occurring to the wind support and awning. To restore the wind support to its original function, the damaged ball-shaped heads will need to be replaced by new ones.

Turn the ball-shaped head (1.) until it can be removed from its retainer (2.). Then insert the new ball-shaped head into the retainer (3.) and turn it until it sits firmly in place (4.)

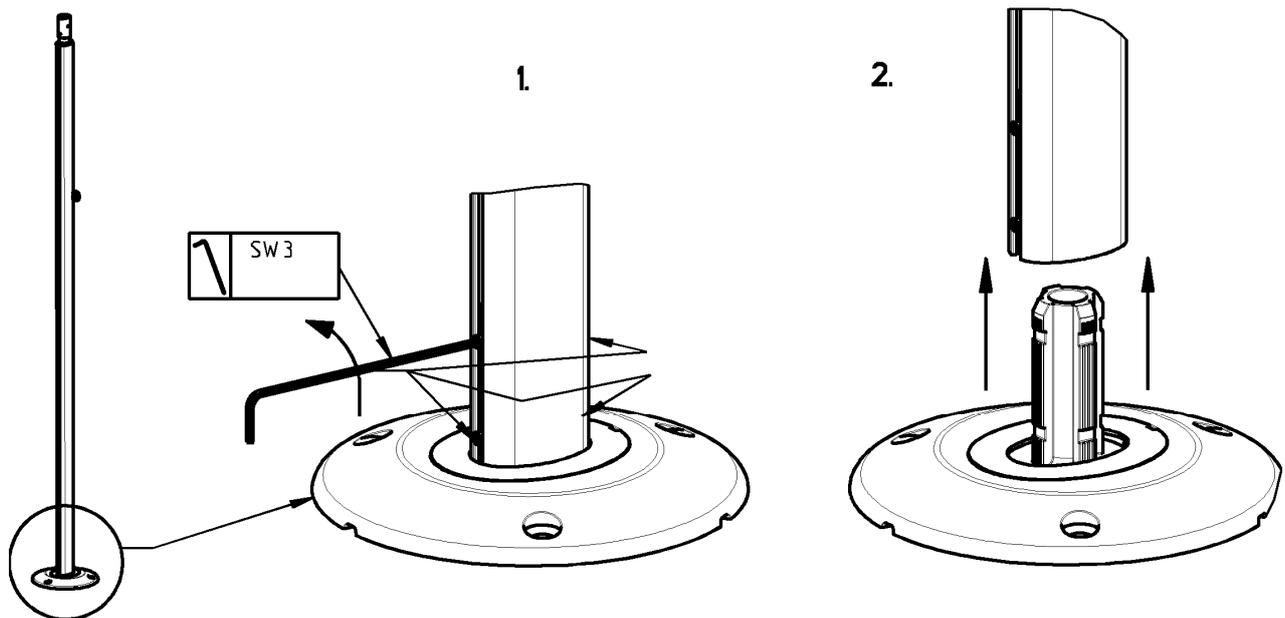


## 6.5 Dismantling the Wind Support (e.g. during the winter season)

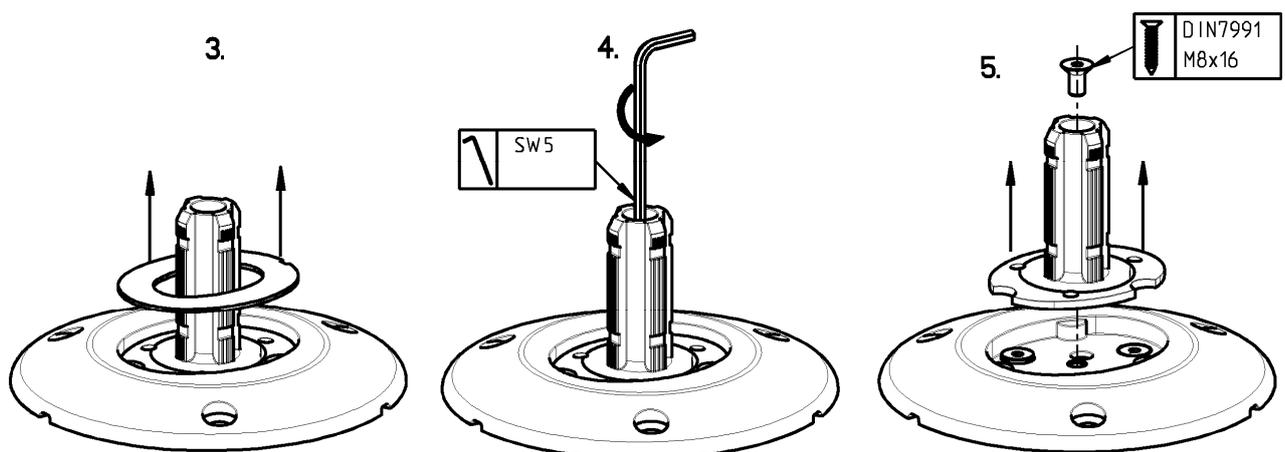
Wind supports which have been affixed to an assembly base by means of the base plate or ground sleeve can be dismantled if required, e.g. during the winter season when the awning is not in use.

The following illustrations show how to dismantle a wind support attached to a base plate. Wind supports attached to a ground sleeve are dismantled in the same way.

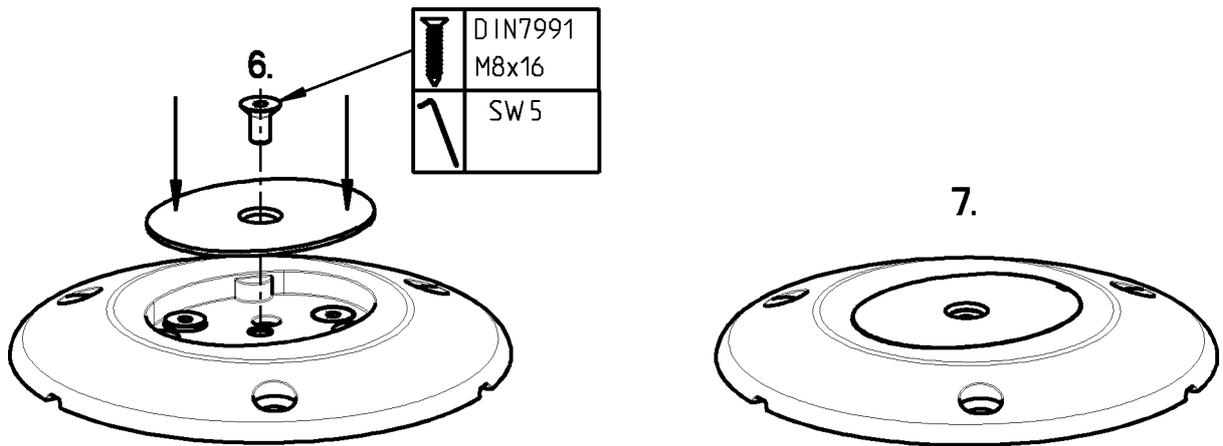
Loosen the four grub screws at the bottom end of the wind support (1.) and detach the entire wind support from the base plate (2.).



Remove the cover plate (3.), loosen the screw on the adjustable base (4.) and remove the adjustable base (5.).



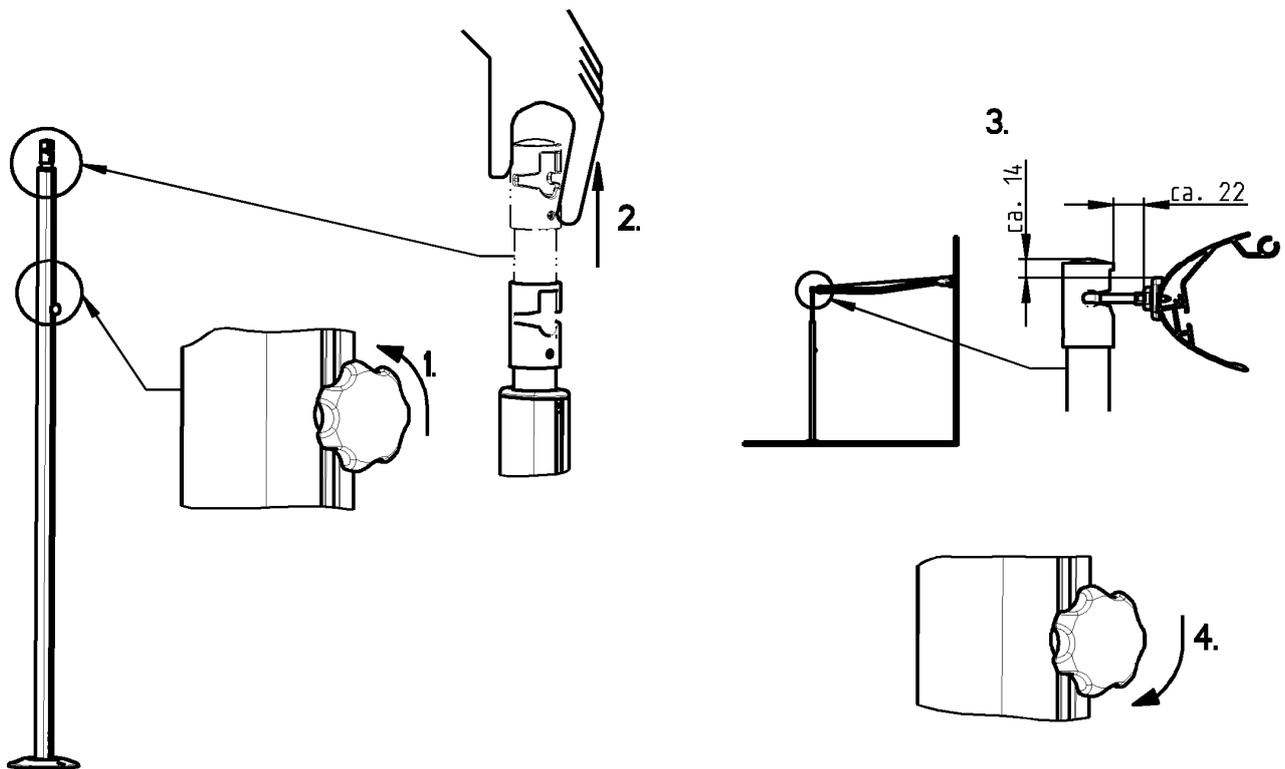
Place the winter plate onto the base plate (6.) and screw in place (7.).



## 7 Adjusting the Wind Support

### 7.1 Adjusting the Height of the Wind Support

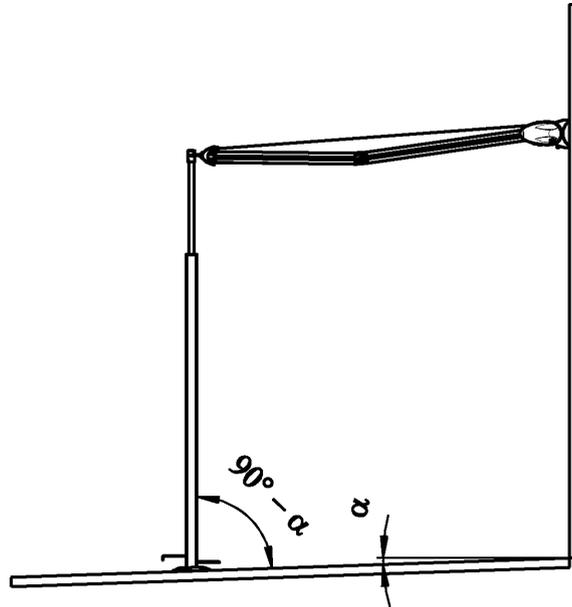
Adjust the height of the wind support so that the rotating head on the wind support is positioned at the same height as the ball-shaped heads on the awning's drop profile.



- 1: Loosen the star knob
- 2: Slide the aluminium pipe upwards
- 3: Position the rotating head so it is at the same height as the ball-shaped head on the drop profile
- 4: Tighten the star knob to hold the aluminium pipe in place

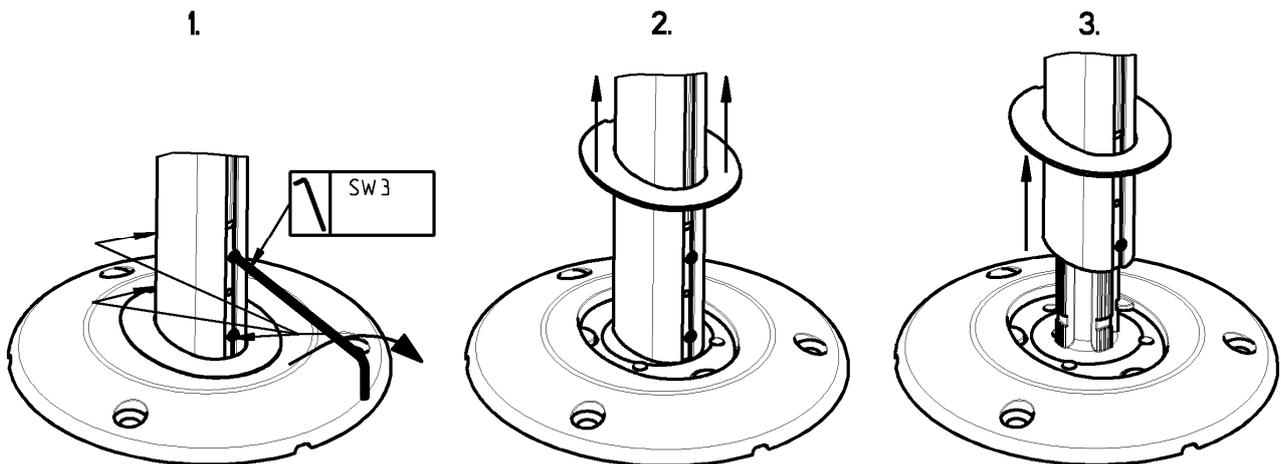
## 7.2 Adjusting the Inclination of the Wind Support

Gradients of up to  $3^\circ$  (equivalent to a slope of approx. 52 mm per metre) can be compensated for by using the adjustment mechanism in the base plate (or ground sleeve, as the case may be).

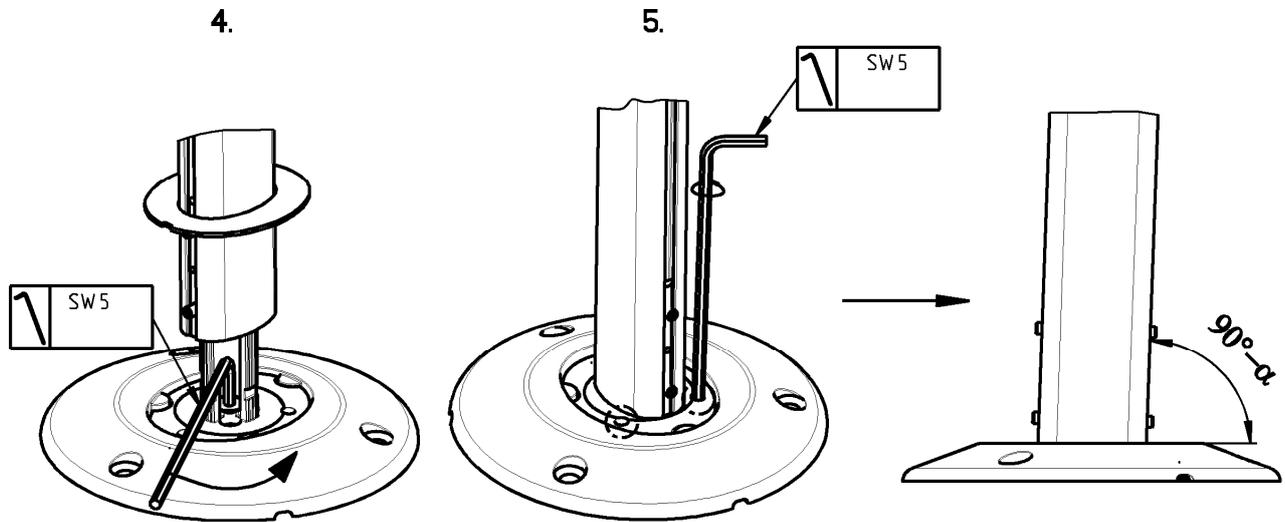


□ - Gradient  $3^\circ$  maximum

Loosen the four grub screws at the bottom end of the wind support (1.) Lift the cover plate (2.) and the wind support pole until you can see the side opening in the adjustment base (4.) or the screw in the adjustment base becomes accessible with an Allen key.



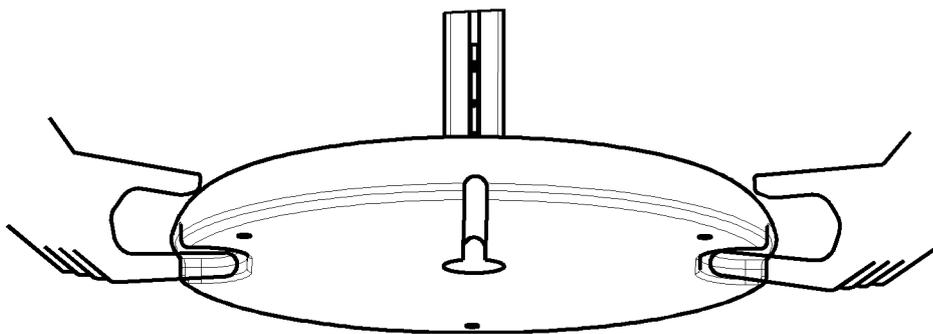
Loosen the fixing screw in the adjustment base (4.) Turn the screws under the adjustment base (turning in the direction in which the wind support can be tilted) to adjust the angle of the wind support (5.)



Once the required angle is reached, re-tighten the screw located in the centre of the adjustment base (4.) and re-tighten the four grub screws at the bottom end of the wind support (1.)

## 8 Carrying the wind supports when fitted to a moulded base

To carry or move the wind supports when fitted to a moulded base, lift by the moulded base. To lift, take hold of the base by the recessed grips under the moulded base



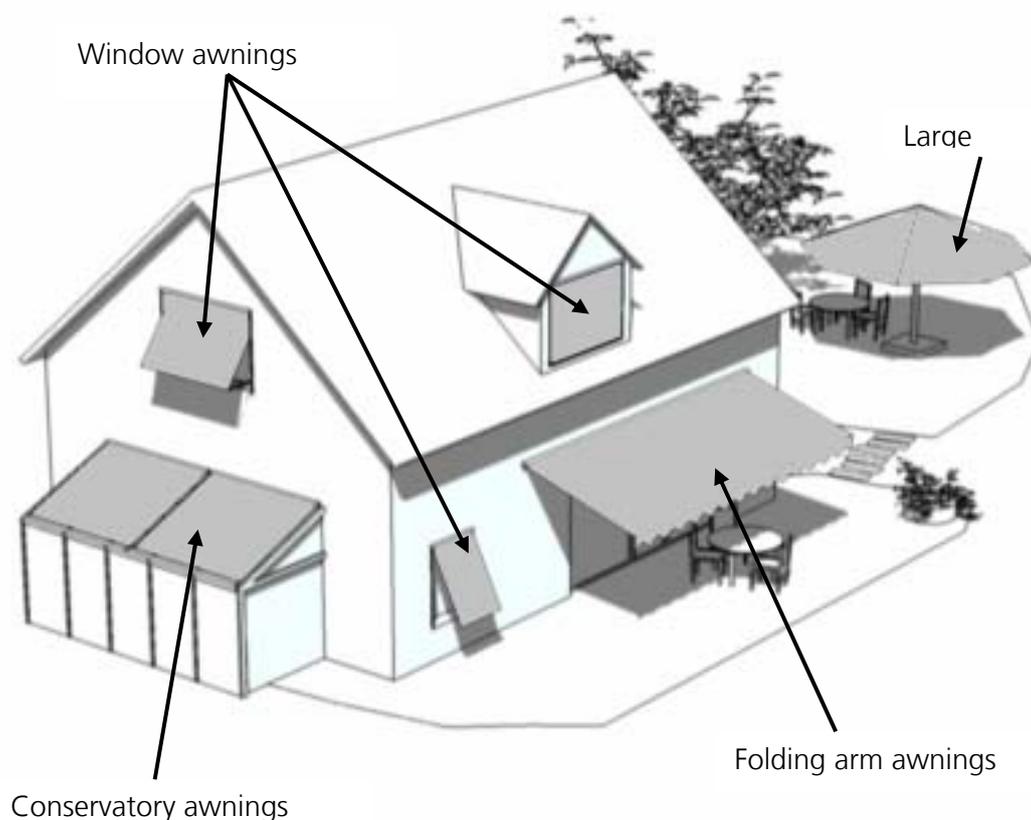
## 9 Troubleshooting

| <b>Error</b>   | <b>Cause</b>   | <b>Remedy</b>  |
|--|--|--|
| Ball-shaped heads on the awning do not fully travel into the rotating head of the wind support | Wind supports are incorrectly positioned   | Check the position of the wind supports (especially wind supports with moulded base) |
|  | Awning does not open far enough  | Check the stop on the awning (see corresponding awnings instructions)                |
| Scraping heard when adjusting the height of the wind support                                   | The star knob has not been loosened enough. The aluminium pipe scrapes along the star knob when adjusting the height | Loosen the star knob until it no longer presses up against the aluminium pipe        |

## 10 Other weinor products

Interested in learning more about **weinor's** range of products? Then please contact your local specialist retailer who will be happy to advise you on selecting the right sun protection unit.

You can also visit us online at: [www.weinor.com](http://www.weinor.com)



For further information, please contact:

**weinor** GmbH & Co. KG  
Mathias-Brüggen-Straße 110  
50829 Köln - Ossendorf (Germany)

Hotline: +49 (0)2 21/5 97 09 - 214  
Fax: +49 (0)2 21/5 97 09 - 898  
E-mail: [info@weinor.de](mailto:info@weinor.de)  
Internet: [www.weinor.com](http://www.weinor.com)