Installation instructions DMZ118 / DMZ119

(Anchor tube to be embedded in concrete for type Mezzo, Dacapo and Filius)

The following instructions include all information necessary for the installation and operation of this anchor tube. To avoid any misunderstanding we advise you to read these instructions carefully and then keep them for later reference.

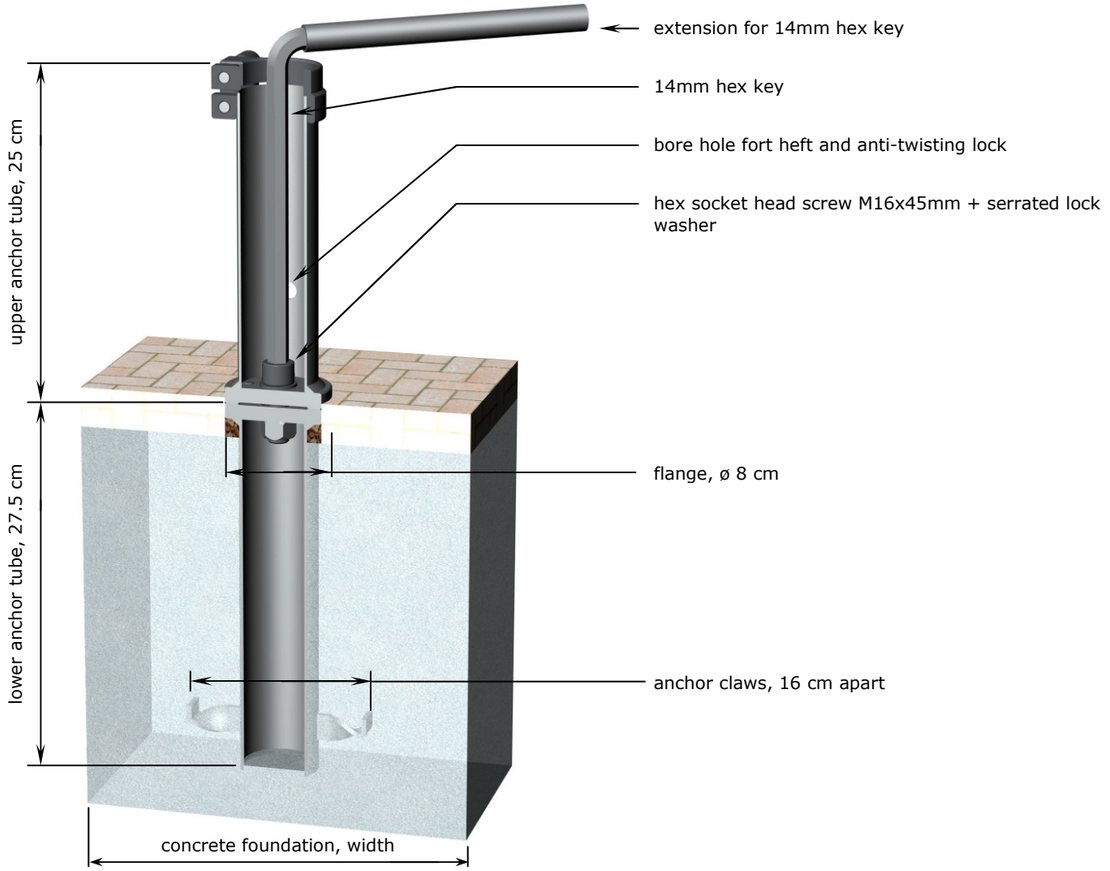
Caution

Non- observation of operating instructions can result in personal injuries or damage to property!

Please note that if these instructions are not observed, the manufacturer cannot assume any liability or guarantee.

- Always follow the safety regulations.
- Should you not understand any part of these operating instructions, please contact your MAY dealer.

Diagram showing installation materials and tools



Determining the location for the foundation

1. Allow sufficient space between sunshades or between the wall of the house and the sunshade.

Caution

Sunshades that are located too close together wear sooner!

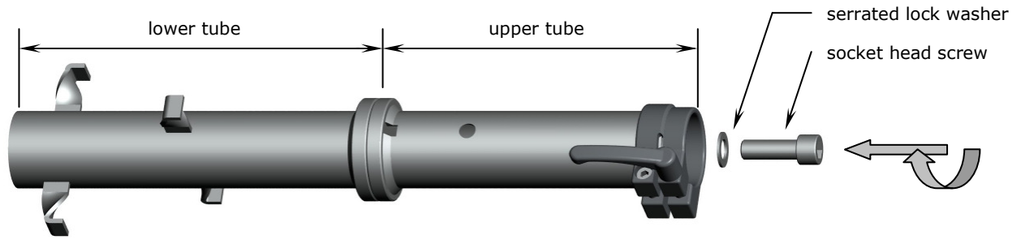
Sunshades may sway slightly. If there is not enough space between them, they may touch and abrade or scour the canopy fabric at the spoke ends.

- Make sure that there is a clearance of approx. 15 - 20cm between the sunshades (or between sunshade and the wall of the house).

2. We would like to stress that uneven patios are no problem for us. We are able to compensate any unevenness of the ground by adjusting the height of each individual sunshade. Extra length upper anchor tubes are available at 10cm gradation and can be adjusted and accommodated on location.

Embedding the anchor tube in concrete

1. Screw the upper anchor tube onto the lower tube (cf. illus.). Slip the 16mm serrated lock washer on the M16x45mm socket head screw and tighten, using the enclosed 14mm hex key and extension.



2. Lay the concrete foundation in the dimensions of approx. 50 x 50 cm. The depth of the foundation will depend on how sensitive the ground is to frost. We recommend a depth of at least 60cm.

Danger

A falling sunshade can cause serious or even fatal injury!
If the foundation for the lower anchor tube is not dimensioned to match the size of the umbrella, the sunshade may fall and cause injuries.

- Keep to the dimensions specified in the above chart.
- In case of poor-quality ground, opt for a larger-size foundation.

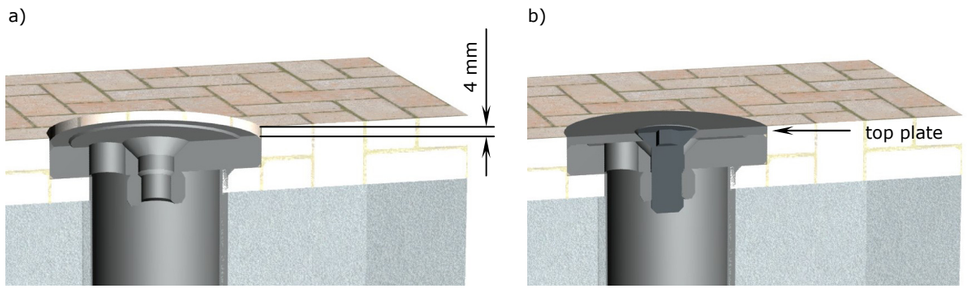
Caution

The concrete foundation can be damaged by frost.

Temperatures below freezing point may have a negative impact on the concrete foundation.

➢ Inquire up to what depth the ground of the designated sunshade location is frost-proof and choose the size of the concrete foundation accordingly.

3. To assure that the top plate is flush with the ground after the upper anchor tube has been removed, (cf. illus. b) insert the lower anchor tube 4mm deeper into the concrete than the patio surface (cf. illus. a: -to give a clearer picture, the upper anchor tube has been omitted). In this way tripping hazard is eliminated.

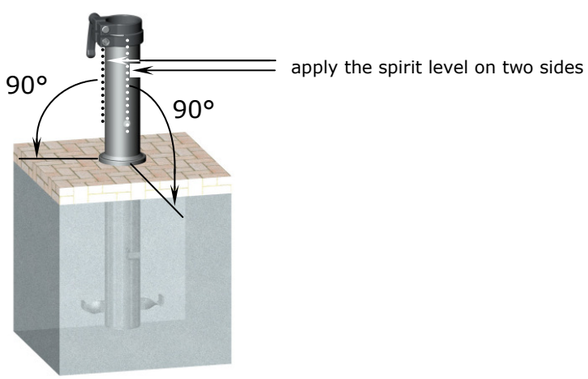


4. Check that the upper anchor tube is straight, using a spirit level. (cf. illus.)

Caution

If the sunshade is to be in a vertical position, the anchor tube must be embedded in the concrete absolutely vertically.

Align the anchor tube and hold it in position until the concrete has cured completely.



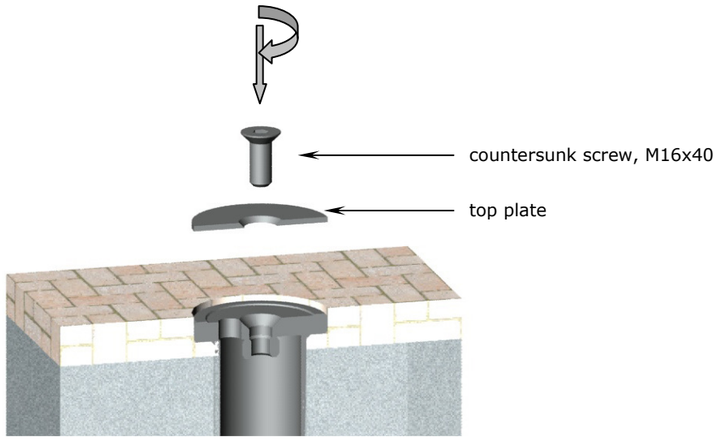
Storage / Dismounting

1. Lift the sunshade out of the anchor tube.
2. Screw off the upper anchor tube.
3. Screw the top plate onto the lower anchor tube. (cf. illus.)

Caution

The thread can get damaged!

When the top plate is not on the lower anchor tube, sand may get washed into the flanks of the thread. As sand is harder than steel, the thread may get damaged when the screw is turned.



4. If you have two or more sunshades, it is advisable to mark them and their accessories (e.g. with metal-stamped numerals or using a waterproof marker) as soon as they have been dismounted (e.g. for winter storage).

Tip

Marking saves a lot of time and helps to keep things in order!

If clearly marked, each sunshade can easily be assigned to its proper location and re-erected parallel to the wall of the house or next to the others.

➢ For clear and easy later assignment use the same number to mark the centre pole, the upper anchor tube and the lower anchor tube. For example, for sunshade No. 1, all three parts should carry number 1, all three parts of sunshade No. 2 should be marked with a 2, etc.

5. Grease the screws regularly to prevent them from rusting.