

# FILIUS



Wherever FILIUS is put to use – for outdoor catering, in pedestrian zones, for private, commercial or merely decorative purposes – it harmonizes well with its environment. Choose the perfectly matching colour and this parasol will spread brilliance and charm while providing high-quality shading. Its outstanding functionality is based on lightness and the option between rope pull and crank drive.



## ELEGANT

### APPEARANCE

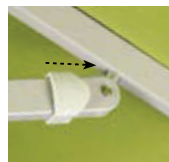
- Easy handling by crank
- Simple set-up and dismounting
- Solid aluminium parasol
- Non-telescoping pole

FILIUS FK Ø 3.0 m  
MayTex-Acryl DA 7244 lime green









## Frame joints

For us perfection in workmanship is an absolute must. Therefore, all moving axes are fitted with bolts and the canopy fabric is protected from damage. This extravagant technology ensures maximum stability and durability as well as easy execution of repairs.

## Top plate

Elegant, graceful, highly practical. Can be screwed off. Colour to match frame.



## Canopy options

This optional, decorative textile bonnet for the top of the parasol canopy gives a feeling of airy, Mediterranean stylishness.



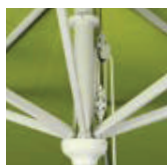
Canopy bonnet



Multi vent

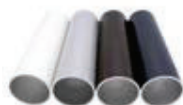
## Operating the parasol

FILIUS is available in two different versions, with rope pull (FS) or with crank drive (FK).



## The frame

Frame surface is powder-coated, highly shock and impact-proof, available in following colours:



Standard colours:

- RAL 9010 pure white
- RAL 9006 white aluminium

Special colours, no extra charge:

- RAL 8019 greybrown
- RAL 7016 anthracite grey fine structure

Special colours available on request.

The frame is made of high-quality alloyed, extruded aluminium profiles.

- support pole Ø 55 x 2.5 mm
- spoke dimensions 30 x 15 x 2 mm / 25 x 15 x 2 mm
- support strut dimensions 25 x 15 x 2 mm

## Installation options

Mobile see page 46 onwards,  
stationary see page 50 onwards.

## Valance options



Straight valance



Without valance

## Canopy covering

Due to a special self-tensioning telescopic spring system the colour remains perfectly taut, even after years of usage. The canopy covering can easily and quickly be exchanged by means of a practical hooking system. For fabrics and colours see page 194 onwards.



## When not in use

The protective cover provided can easily be slipped over the parasol during bad weather periods.

## Mounting

Pull parasol from cardboard sleeve, remove all packaging material, place parasol mast in installation base, that's all – ready for use in a jiffy!

## Additional equipment

Side sheets see page 192 onwards, rain gutter see page 44 onwards.



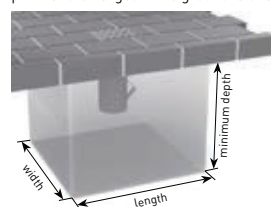


FILIUS		Ø 3.0 m	Ø 3.5 m	Ø 4.0 m
Segments		8	8	8
Area	m²	6.4	8.7	11.3
<b>A</b> Height closed with valance	cm	279	287	295
<b>B</b> Height closed without valance	cm	259	267	295
<b>C</b> Headroom with valance	cm	200	200	200
<b>D</b> Headroom without valance	cm	202	202	222
<b>E</b> Height of valance	cm	28	28	28
<b>F</b> Ground clearance (with valance) from spoke edge	cm	113	97	79
<b>G</b> Ground clearance (without valance) from spoke edge	cm	93	77	79
<b>H</b> Crank height	cm	92	92	92
Weight without packaging MayTex-Acryl without valance	kg	12	15.5	17.5
Support pole diameter	mm	outer-Ø 55, pole thickness 2.5		
Packaging cardboard sleeve: length 307 cm		Ø 25 cm, approx. 7.5 kg		
Installation base length/width/min. depth	cm	50 / 50 / 60		
Minimum-ballast Number of layers of concrete slabs XZ40 required		1 x = approx. 72 kg		

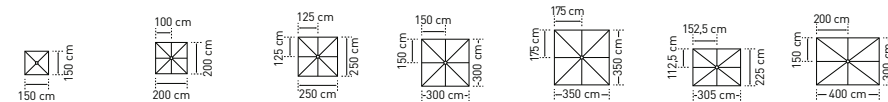
The heights specified are for parasols with MayTex-Acryl covering fabric that are mounted in an anchor tube (DMZ118, DMZ146, DMZ150). The increase in height for parasols with other installation bases can be seen in the list below:

- Cross pedestal: DMZ110 + 6 cm
- Full frame pedestal: DMZ411 + 9 cm
- Full frame pedestal: DMZ412 + 12 cm
- Full frame pedestal: DMZ414 + 16 cm
- Full frame pedestal: DMZ420 + 19 cm
- Granite base: DMZ141 + 10 cm
- Wheeled pedestal: DMZ282 + 14/15 cm
- Anchor plate: DMZ261 + 4 cm
- Base plate: DMZ271 + 3 cm

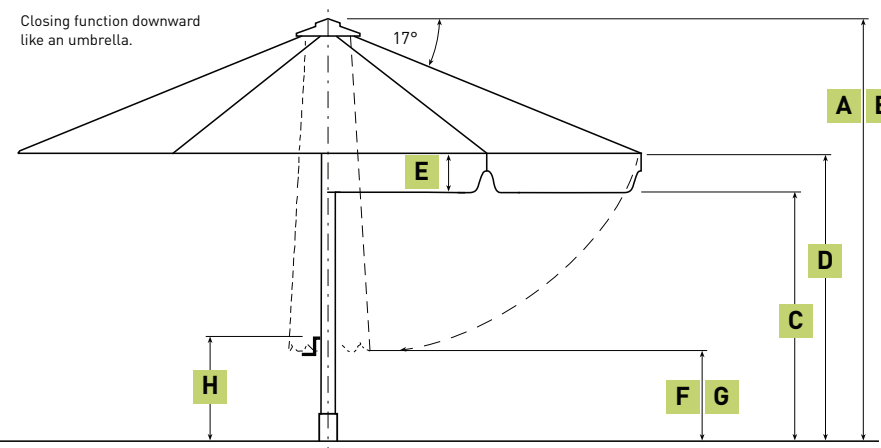
3D view of installation base with top plate for winter protection. Base must be frost-proof and enlarged if the ground is unstable.



Intermediate and special sizes on request.  
Dimensional tolerance approx. 5%.



	1.5 x 1.5 m	2.0 x 2.0 m	2.5 x 2.5 m	3.0 x 3.0 m	3.5 x 3.5 m	2.25 x 3.05 m	3.0 x 4.0 m
	4	8	8	8	8	8	8
	2.3	4	6.3	9	12	7	12
<b>A</b>	259	274	280	289	295	279	290
<b>B</b>	259	254	260	269	275	259	270
<b>C</b>	200	200	200	200	200	208	208
<b>D</b>	220	202	202	202	202	210	210
<b>E</b>	18	23	28	28	28	28	28
<b>F</b>	148	120	94	63	32	80	30
<b>G</b>	148	100	74	43	12	60	10
<b>H</b>	92	92	92	92	92	92	92
	15	15	16	18	16	15	16.5
outer-Ø 55, pole thickness 2.5							
Ø 25 cm, approx. 7.5 kg							
50 / 50 / 60							
1 x = approx. 72 kg							





FILIUS FK 3.0 x 3.0 m  
MayTex-Acryl SA 314 325 ecru



FILIUS FK 2.5 x 2.5 m  
MayTex-Acryl SA 314 471 silver-grey/dark brown knopped



#### Protective sleeve, version zipper and aluminium rod

With integrated aluminium rod and zipper for easy operation. Made of tarp material, colour grey. Please specify parasol size and valance option. Included in delivery of parasol.

art. no. **FA130**



#### Seawater-resistant stainless steel connections

To allow the use of the FILIUS directly at the coast nearby salty sea water, rustproof materials must be used. With this package all turned and standard parts are supplied in stainless steel V4A (1.4401, AISI 316). Optimal protection for minimal oxidation of the aluminium frame.

art. no. **206171**



#### Rain gutter

in MayTex-Poly or MayTex-PVC, with aluminium rods for stabilization. Can only be used with valance.

art. no. **XA141**



#### Glass-fibre reinforced plastic holder for side sheet and rain gutter

1 piece per spoke required

with 1 eyelet screw

with 2 eyelet screws

art. no. **FA141 01**

art. no. **FA141 02**

#### Length extension of centre pole

State required additional length in cm (max. 50 cm).

#### Shortening of centre pole

Length on request, dependent on parasol size.

#### Frame paint finish

Please state colour of powder-coating in RAL.

#### Canopy covering MayTex-PVC

approx. 480 g/m<sup>2</sup> ± 5%.

#### Side sheets

Textile in MayTex-Poly, see page 192 onwards.



## FILIUS – mobile installation options

### Cross pedestal

mounted with screws, frame size 83 x 83 cm, total height 28 cm, galvanized, weight approx. 4.5 kg. For standard concrete slabs 40 x 40 x 5 cm.

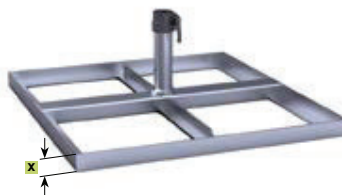
art. no. **DMZ110**



### Full frame pedestal

frame size 84 x 91 cm, total height 33 cm, height of frame x = 5 cm, galvanized, weight approx. 23 kg. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. **DMZ411**



### Full frame pedestal, adjustable for slanting surfaces

with 4 rubber diagonal support levelling screws, frame size 84 x 91 cm, total height min. 34 cm, max. 40 cm, galvanized, weight approx. 24 kg. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. **DMZ412**



### Full frame pedestal on wheels

with rubber heavy-duty rollers and fixing brakes, frame size 84 x 91 cm, total height 40 cm, diameter of rollers 5 cm, weight approx. 24 kg, galvanized. For 1 set of standard concrete slabs 40 x 40 x 5 cm. Attention: wind sensitive!

art. no. **DMZ414**



### Heavy-duty wheels Ø 15 cm

wheel diameter 15 cm, for uneven surfaces. Rubber, with fixing brakes, loading capacity 110 kg/wheel. Suitable for DMZ414.

For orders with full frame pedestal

art. no. **351498**

For retrofitting

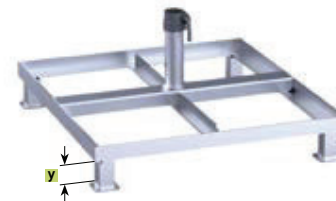
art. no. **351499**

## FILIUS – mobile installation options

### Full frame pedestal on feet

for forklift or lift truck transport, frame size 84 x 91 cm, foot height y = 10 cm, weight approx. 25 kg, galvanized. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. **DMZ420**



### Frame pedestal cover plate

stainless steel 1.4310, fits on DMZ411, DMZ412, DMZ414 and DMZ420. For retrofitting.

art. no. **200905**

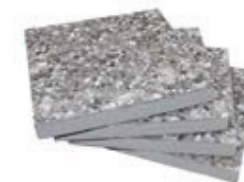


DMZ412 with 200905

### Concrete slabs

1 set = 4 slabs, each 40 x 40 x 5 cm, weight per slab: approx. 18 kg, Total weight approx. 72 kg.

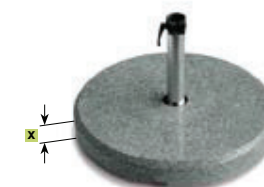
art. no. **XZ40**



### Granite base

Ø approx. 70 cm, 2 pieces, round, grey, polished, 4 recessed grips, stainless steel surface, weight approx. 100 kg, height x = approx. 10 cm.

art. no. **DMZ141**





## FILIUS – mobile installation options

### Wheeled pedestal

incl. weights, rubber rollers, stainless steel locking rod. Colour anthracite, 75 x 75 cm, weight approx. 100 kg.

anthracite

art. no. **DMZ282**



### Wheeled pedestal

incl. weights, rubber rollers, stainless steel locking rod. Colour graphite, 75 x 75 cm, weight approx. 100 kg.

graphite

art. no. **DMZ283**



### Free-standing base plate

plate size 80 x 80 cm, steel plate thickness  $x = 12$  mm, galvanized, weight approx. 60 kg, high stability up to Beaufort 5.

art. no. **DMZ271**



### Add-on weight plate

fits for DMZ271 and DMZ139, for retrofitting. Plate size 78 x 78 cm, steel plate thickness  $x = 12$  mm, galvanized, weight approx. 56 kg.

art. no. **351185**



DMZ271 with 351185

## FILIUS – mobile installation options

### Anti-slip mat

1 piece, 80 x 80 cm, suitable for the steel plates of the installation options of DMZ271 and DMZ139. Increases the coefficient of friction between steel plate and floor covering (wood, concrete slabs, asphalt) and therefore decreases slipping caused by wind. Colour black,  $x = 3$  mm.

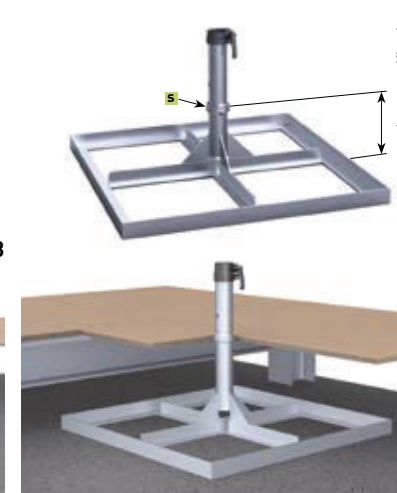
art. no. **352791**



### Full frame pedestal

customized height to fit patio surface, frame size 83 x 83 cm, screw-off upper part, galvanized, weight approx. 23 kg, incl. top plate for winter protection,  $s = \varnothing 8$  cm. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. **DMZ208**



### Full frame pedestal with placement hinge

customized height to fit patio surface, frame size 83 x 83 cm, screw-off upper part, galvanized, weight approx. 24 kg, incl. top plate for winter protection,  $x = 12$  cm,  $z = 14.5$  cm. For 1 set of standard concrete slabs 40 x 40 x 5 cm.

art. no. **DMZ210**



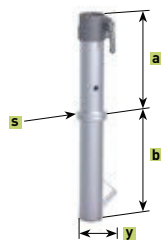
## FILIUS – stationary installation options

### Anchor tube to be embedded in concrete

2 pieces, screw-off upper part, galvanized, weight approx. 4.7 kg, incl. top plate for winter protection.

a = 26 cm, b = 29 cm, s = Ø 8 cm, y = 15 cm.

art. no. **DMZ118**



## DMZ118 options: galvanized with additional powder-coating

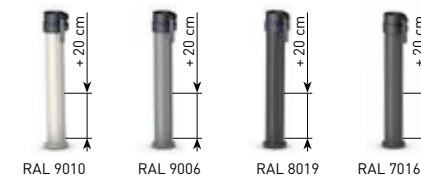
### Standard length



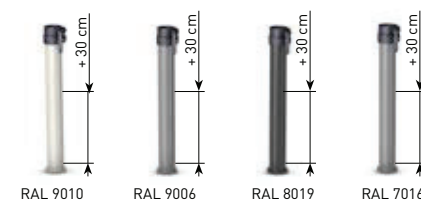
### Extra length + 10 cm



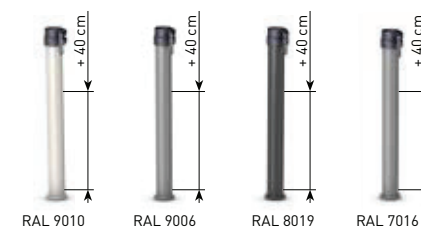
### Extra length + 20 cm



### Extra length + 30 cm

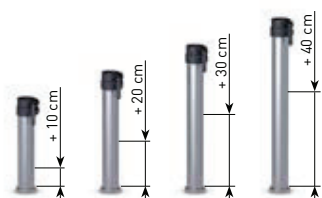


### Extra length + 40 cm

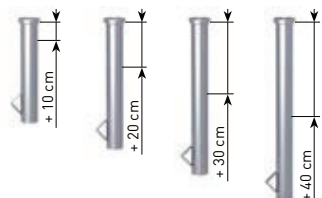


## DMZ118 options: galvanized

### DMZ118 upper anchor tube, extra length



### DMZ118 lower anchor tube, extra length



## FILIUS – stationary installation options

### Anchor tube to be embedded in concrete

identical with DMZ118, tube and upper part stainless steel V4A (1.4571), surface glass bead blasted.

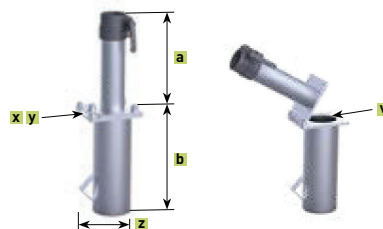
art. no. **352779**



### Anchor tube to be embedded in concrete with placement hinge

2 pieces, screw-off upper part, galvanized, weight approx. 5 kg, incl. top plate for winter protection, bore for power cable through centre post.  $\varnothing$  5 cm, a = 26 cm, b = 28 cm, x = 12 cm, y = 14.5 cm, z = 14 cm.

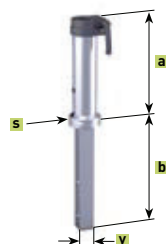
art. no. **DMZ150**



### Anchor tube to be embedded in concrete

for an existing foundation with a bore hole of min.  $\varnothing$  71 mm; 2 pieces, screw-off upper part. The bore hole is filled with grouting or epoxy resin in order to fix the lower part of the anchor tube. The existing foundation must be adequate in size for the designated parasol. Anchor tube: galvanized, weight approx. 3 kg; square lower tube; top plate for winter protection. a = 26 cm, b = 28.5 cm, s =  $\varnothing$  8 cm, y =  $\square$  5 cm

art. no. **DMZ146**



## FILIUS – stationary installation options

### \* NEW!

### Anchor tube with removable upper part (plug-in connection), to be embedded in concrete

suitable for daily assembly and disassembly (no tools required), two-piece anchor tube with bayonet connector, secured within the ground tube by centring pin, hot-dip galvanized, top plate for winter protection included, anchor tube weight: approx. 2.2 kg, upper anchor tube weight: approx. 2.6 kg, a = 27 cm, b = 22 cm, c = 28 cm, y = 12 cm

art. no. **DMZ169**



### Dowel-anchored plate

galvanized, weight approx. 5 kg, a = 27.5 cm, x =  $\varnothing$  21.5 cm, t = 1.2 cm, z =  $\varnothing$  1.8 cm.

art. no. **DMZ261**





## FILIUS – stationary installation options

### Wall bracket

galvanized, weight approx. 5.5 kg, wall plate 30 x 16 cm, x = 20 cm, t = 0.8 cm. Bottom of support pole rests on bottom end of anchor tube. This option only makes sense in case of low balustrades and ledges, otherwise the parasol will hit the wall.

art. no. **DMZ125**



### Wall pressure plate

fits for DMZ125 and DMZ170, galvanized; 30 x 16 cm; to be clamped onto the existing bars (only possible if these are very strong), bore holes for M16 stud bolts (not included in the delivery).

art. no. **200084**

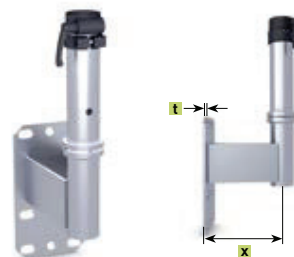


**DMZ125 in combination  
with 200084**

### Wall bracket

galvanized, weight approx. 6.5 kg, wall plate 30 x 16 cm, x = 20 cm, t = 0.8 cm.

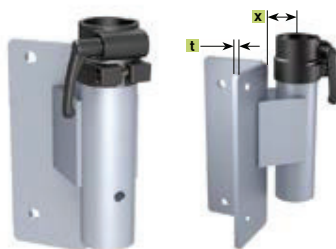
art. no. **DMZ170**



### Corner wall bracket

galvanized, weight approx. 5.5 kg, x = 5.5 cm, t = 0.8 cm.

art. no. **DMZ172**

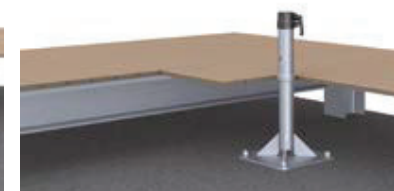
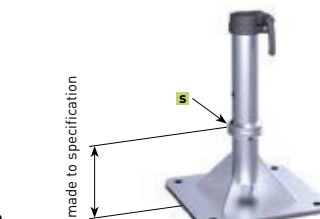


## FILIUS – stationary installation options

### Dowel-anchored plate

customized height to fit patio surface, anchor plate 30 x 30 cm, screw-off upper part, galvanized, weight approx. 10 kg, incl. top plate for winter protection, s = Ø 8 cm.

art. no. **DMZ129**



### Dowel-anchored plate with placement hinge

customized height to fit patio surface, anchor plate 30 x 30 cm, galvanized, weight approx. 13 kg, incl. top plate for winter protection, x = 12 cm, y = 14.5 cm.

art. no. **DMZ127**

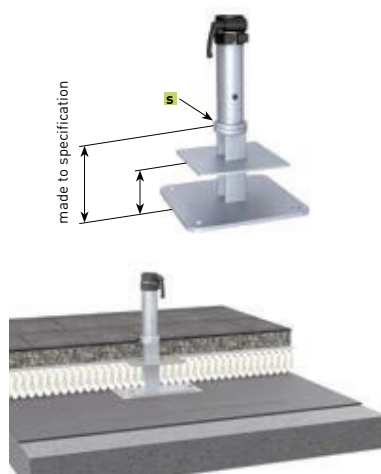


## FILIUS – stationary installation options

### Flat-roof dowel-anchored plate

externally insulated roof system, system-conform flat roof connection with liquid plastic, customized height to fit flat roof surface, dowel plate 30 x 30 cm, screw-off upper part, galvanized, weight approx. 13 kg, incl. top plate for winter protection,  $s = \varnothing 8$  cm.

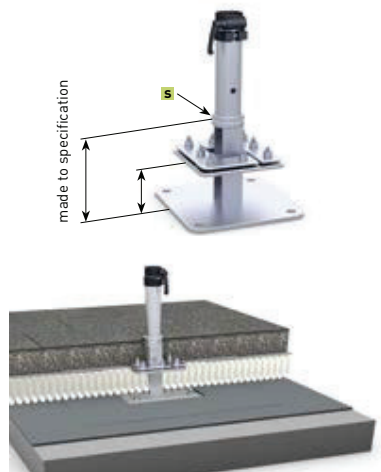
art. no. **DMZ186**



### Flat-roof dowel-anchored plate

externally insulated roof system, loose-and-fixed flange assembly, bitumen waterproofing system and synthetic waterproofing material. Total height is determined by order to achieve the same level as the flat roof ground, dowelled plate 30 x 30 cm. Upper part removable, galvanized, weight approx. 18 kg, including top plate for winter protection,  $s = \varnothing 8$  cm.

art. no. **DMZ194**



### Anchor bolt

bolt and nut, fits for DMZ261, DMZ125, DMZ170, DMZ172, DMZ127, DMZ129, DMZ186 and DMZ194; approved for cracked and non-cracked concrete B25 to B55 (old compressive strength classes) C20/25 to C50/60 (new EU classification), also suitable for concrete B15 = C12/15 and natural stone with dense structure. Concrete bore hole  $\varnothing 16 \times 115$  mm. in stainless steel A4 1.4529. Package contains 4 bolts. European Technical Approval ETA-05/0069.

art. no. **200900**



## FILIUS – stationary installation options

### Ground screw anchor fixture

Upper anchor tube, suitable for ground screw KSF F 140 x 2100-M, Screw-in ground anchor not included in delivery, standard parts for screwing included. Hot-dip galvanized, weight approx. 6 kg,  $a = 26$  mm,  $x = 22$  cm,  $t = 1.5$  cm, see page 210 for further information.

art. no. **DMZ329**



### Screw-in ground anchor

ground screw with upper anchor tube, incl. standard parts, parts unscrewed on delivery, steel, galvanized acc. DIN EN ISO 1461, weight approx. 30 kg, delivered in two ready-to-assemble parts. See page 210 for further information.

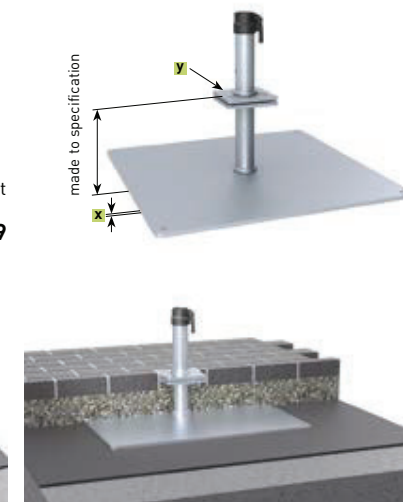
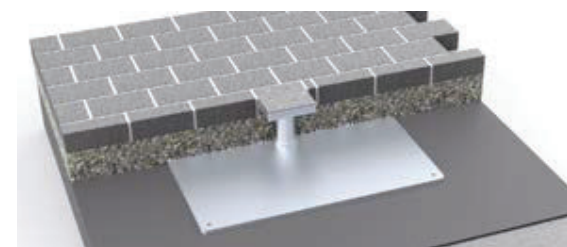
art. no. **DMZ330**



### Base plate

customized height to fit patio surface, to be screwed together on site, heaviest component approx. 60 kg, base plate size 80 x 80 cm, plate thickness  $x = 12$  mm, screw-off upper part, galvanized, weight approx. 68 kg, incl. top plate for winter protection,  $y = \square 16.5$  cm.

art. no. **DMZ139**



### Theft pin

padlock and pin, in stainless steel, for support pole  $\varnothing 55$  mm. suitable for retrofitting.

art. no. **200194**

