

## Mounting Guidelines for Ballstopping Posts with Traverses










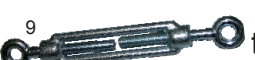



Height above the ground	3,00 m	<b>U4288</b>
	3,50 m	<b>U4289</b>
	4,00 m	<b>U4290</b>
	4,50 m	<b>U4291</b>
*more than 5m	5,00 m	<b>U4291</b>
steel reinforced	5,50 m	<b>U4293</b>
	6,00 m	<b>U4294</b>
	6,50 m	<b>U4297</b>
traverse		<b>U4296</b>

**A hint: Before mounting you ought to check if the supply is complete and undamaged. Reclamations work only within 24 hours due to reasons of the assurances.**

### Components for a ballstopping set:

- posts with profile groove
  - if ordered corner posts with 2 profile grooves
  - \*steel profiles for reinforcement for posts more than 5m over ground
  - post caps with traverse holders
  - traverse - octagon tube
  - nets according to order
- numbers according to order

### Fittings

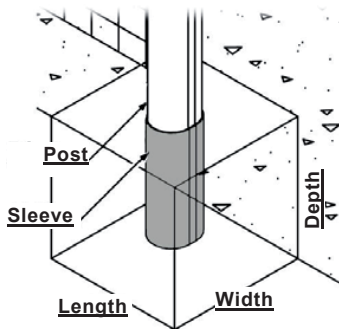
- 1  2 rhombic nuts M10 ▶ zur Montage in der Profilitnut (Pfoften, Traversenhalter)
- 1  2 ring bolts M10x30 ▶ zur Befestigung Stahl-Spannseile
- 3  hexagon drilling screws 6,3x19 ▶ to fix the post caps
- 3a\*  \* drilling screws with hexagon socket 4,8x32 ▶ to fix the steel profiles in the posts
- 4  5 maschine bolts M10x20, washers ▶ fort he traverses
- 6  steel wire rope ▶ for the net
- 7  8 rope thimbles and clamps ▶ for the steel ropes
- 9  tighteners ▶ for the steel ropes
- 10  snap hooks ▶ for the tighteners
- 11  netz holders 0132
- 12  Beton braided line Ø 6 mm ▶ to the net on the posts

\*nur ab 5m Pfostenhöhe über Boden

## Mounting steps

### 1. concrete the ground sleeves in C20/25

Foundation size  
see Table 1

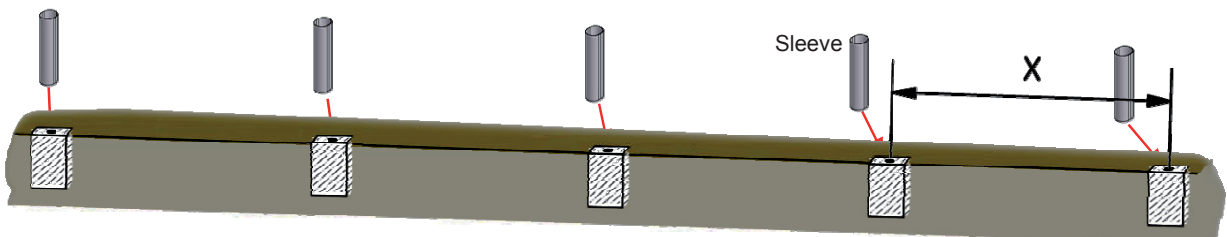
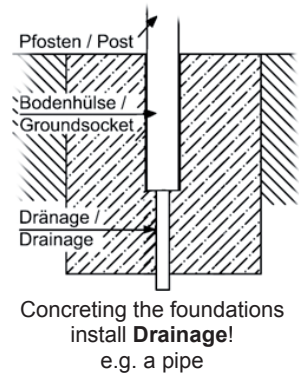
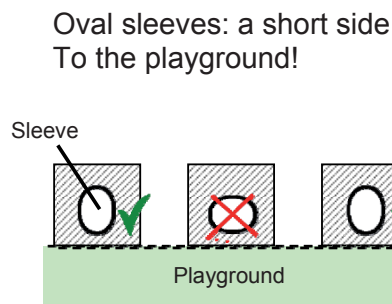
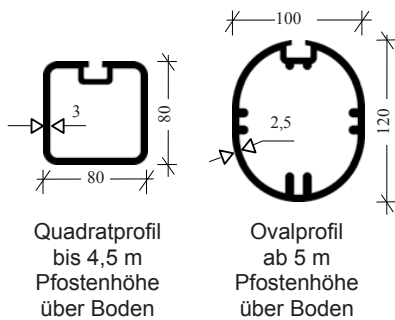


Depth ground sleeve	Height above ground	Foundation size depth / width / length	
50 cm	3,00 m	ca. 60 x 60 x 60 cm	
50 cm	3,50 m	ca. 60 x 60 x 60 cm	
50 cm	4,00 m	ca. 60 x 60 x 60 cm	
50 cm	4,50 m	ca. 60 x 60 x 60 cm	
50 cm	5,00 m	<i>More than 5m post stiffening with steel profiles!</i>	ca. 70 x 70 x 70 cm
50 cm	5,50 m		ca. 70 x 70 x 70 cm
50 cm	6,00 m	<i>post stiffening with steel profiles!</i>	ca. 70 x 70 x 70 cm
50 cm	6,50 m		ca. 70 x 70 x 70 cm
50 cm	7,00 m		ca. 70 x 70 x 70 cm

**Hint:**  
In soil with little density the foundation size is supposed to be greater!

Table 1

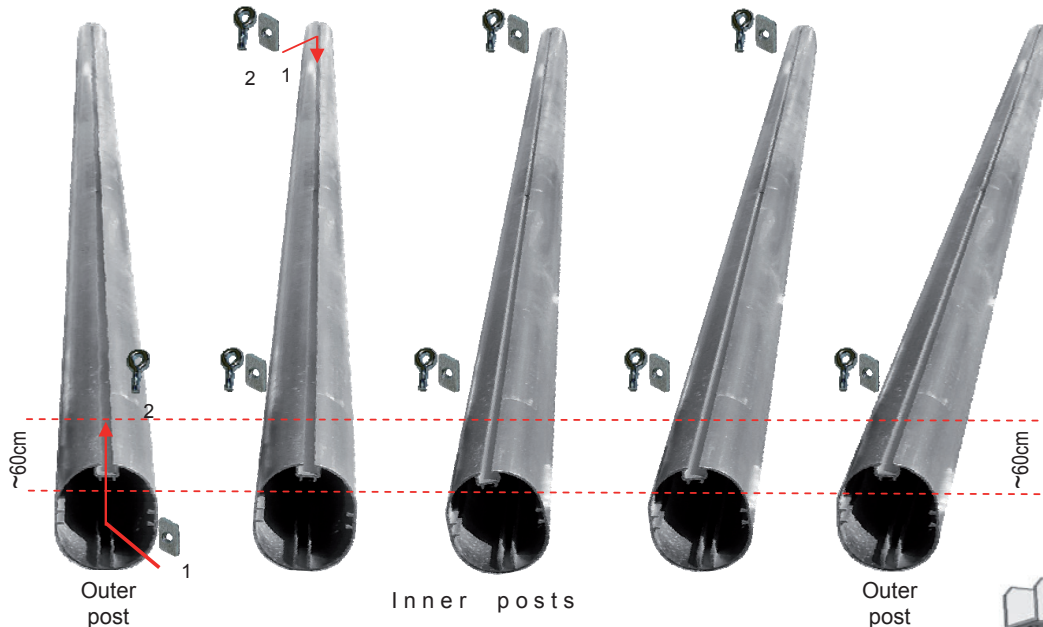
### Ground sleeves



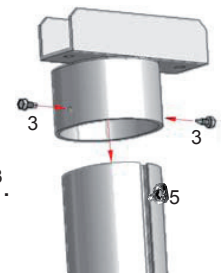
## 2. Prepare the posts and set in the sleeves

2.1 Put the posts in their final places, profile groove to the top  
 Mount rhombic nuts<sup>1</sup> and ring bolts<sup>2</sup>:

Slide the nuts into the profile groove and fix them with the ring bolts: ▶ for step 4 (net)  
 - ca 60 cm from the lower edge at all posts ▶ to mount the steel wire rope  
 - only at the top of the inner posts ▶ for Betolon ropes

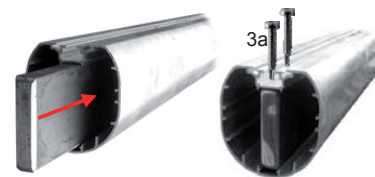


2.2 Post caps with traverse holders  
 fix with 2 hexagon drilling screws<sup>3</sup>.

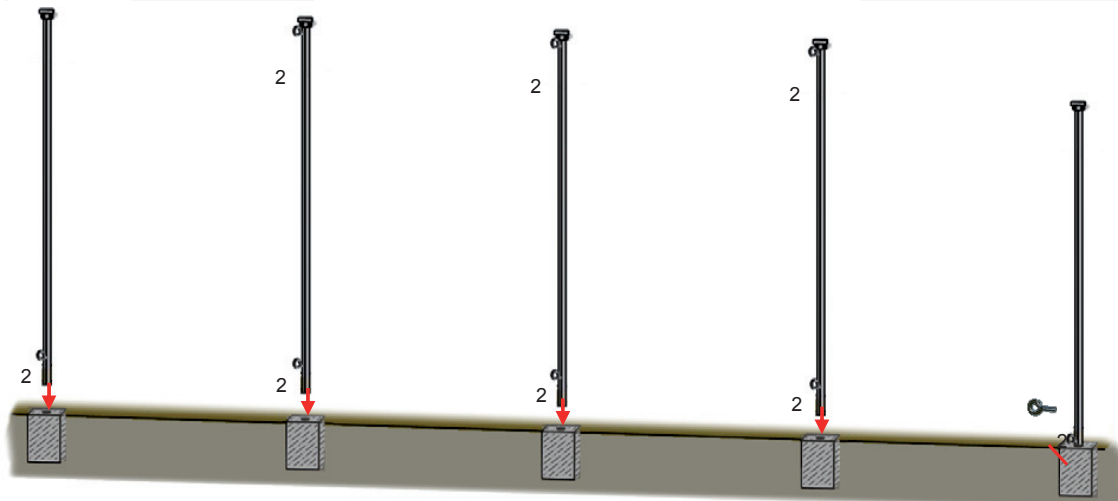


2.3\* Post stiffening

Slide the steel profile completely in the bottom of the post for precisely fitting the rough front! first!  
 fix with 2 drilling screws with hexagon socket<sup>3a</sup>,  
 so that its head disappears in the groove.



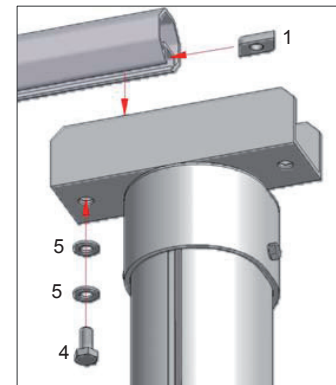
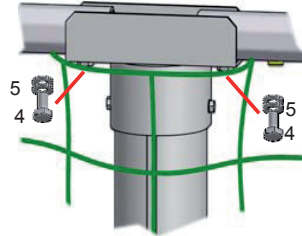
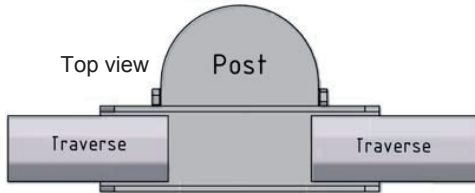
2.4 Put the prepared posts in the ground sleeves: the profile groove shows to the playground.  
 Align the rhombic nuts uniform in height and tighten them finally.



\*only more than 5m over ground


### 3. Fix the traverses:

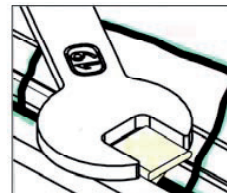
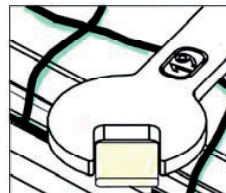
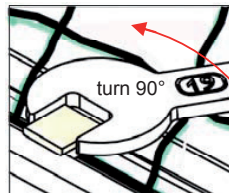
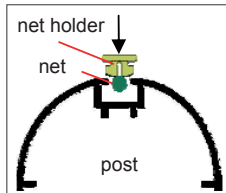
Slide the rhombic nuts<sup>1</sup> in the traverse groove and screw tube and holder with machine bolts <sup>4</sup> und 2 washers<sup>5</sup> together.



### 4. Net mounting

4.1 with net holders<sup>11</sup> attach them to the traverses and both outer posts

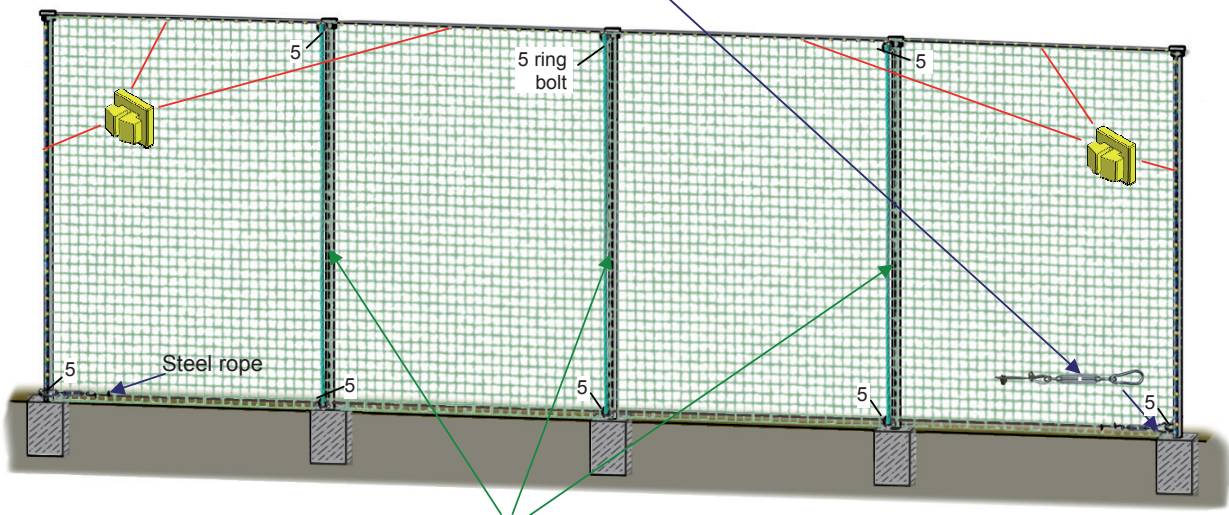
 Put the net edge together with the net holders in the groove and turn the holder 90° (i.e. with wrench SW19).



4.2 with steel wire rope<sup>6</sup> at the bottom

Bring the rope<sup>6</sup> through all meshes of the lower row, pull it tight, cut it. Insert the ends into a loop, fix with thimbles<sup>7</sup>, tightener<sup>9</sup>, 2 clamps<sup>8</sup> and snap hook<sup>10</sup> on the ring bolt<sup>2</sup> at the post.

Attention: the tighteners must lie free outside the net!



### 4.3 Braided line<sup>12</sup>

Tie the rope as tight as possible (eight knot) at the top and bottom ring bolts of the inner posts

- the line can not inflate like a sail in the wind power.



11



a) put as eye,  
b) the short end under the other  
c) the end plug from above through the eye, tighten