

USER MANUAL



FUNTEC

BEACH VOLLEYBALL POSTS
BEACH CHAMP

ID: 111203



USER MANUAL FOR BEACH VOLLEYBALL POSTS BEACH CHAMP



GENERAL INFORMATION

OVERVIEW

GROUND INSTALLATION OPTIONS



FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS



FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS

+



FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT



FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION



FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION

+



FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT

NET INSTALLATION + COURTLINE

SPARE PARTS

→

4

6

7

10

14

16

19

23

GENERAL INFORMATION

PLEASE READ CAREFULLY BEFORE ASSEMBLY OR USE
AND RETAIN FOR FUTURE USE

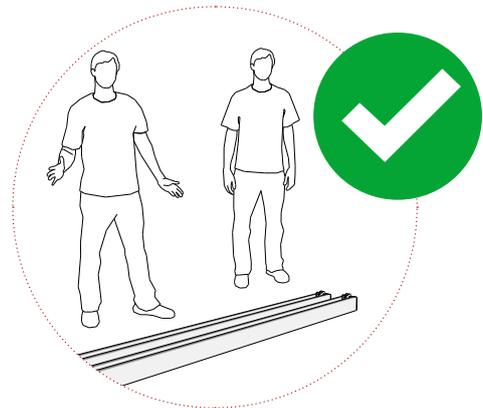
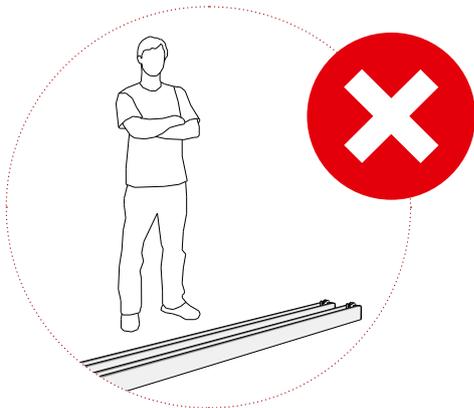
ID: 111203

Security advice

- This product has been developed for use at competitions and at top-class sports.
- This product must be used in accordance with its designated use which is Volleyball or similar sports.
- Before using this product make sure it has been installed properly and all supports or fittings are firmly tightened.
- This product corresponds with DIN 33957:2012-04 and it has been developed in accordance with DIN EN 1271:2015-01.
- In case the posts have been removed from the sockets please make sure to cover any remaining parts in a way that players won't get injured.

Assembly instructions

- This product has to be assembled with due care by an adult person. We recommend to call upon the help of a second person.
- For this product a level ground is required with the dimensions of at least 14 x 22 m (for the leisure sports) or 18 x 26 m (for competition sports).
- Depending on the way of floor mounting it is required to create foundations according to instructions from this manual.
- Please take no unnecessary risks while handling the equipment and be careful when assembling this product.



Maintenance and care

- This product does not require regular maintenance work. However, we recommend to check all components for damages or deformation regularly. Any damaged parts should be replaced as soon as possible.
- To clean this product, use water and soap avoiding all types of solvents or alcohol. Do not use dirty or abrasive cloths.
- Store in a dry place, ideally at a temperature of 10° C to 25° C.

BEACH VOLLEYBALL POSTS BEACH CHAMP

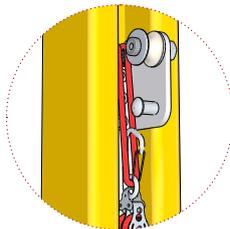
ID: 111203



OVERVIEW



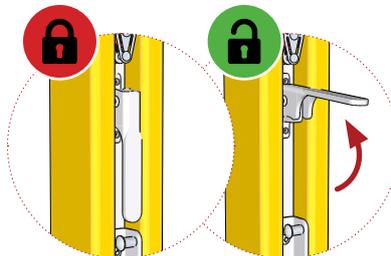
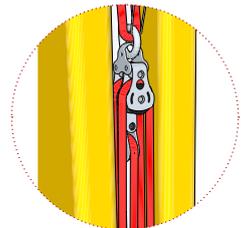
Beach Champ net posts made from powdercoated special aluminium profile (91 x 91 mm)



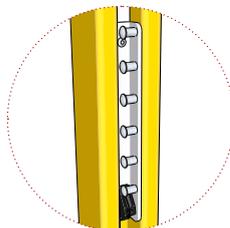
With single-arm suspension allows easy mounting of tension cable

Rope pulley with triple block combination including a stainless steel carabiner with wire gate (for one-handed use)

Pulley block system is self-balancing to pulling direction



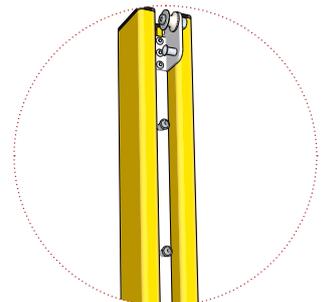
Tool-free use of locking lever for net height adjustment, mounted to the tensioning slider and framed by the post shape



Open tensioning console with horizontal pins for best choice of net cord angle

Includes an additional clamcleat below for comfortable fine adjustment of tensioning ropes

Tensioning counter slider with four vertical pins, ideal for pre-tensioning or differing cable lengths



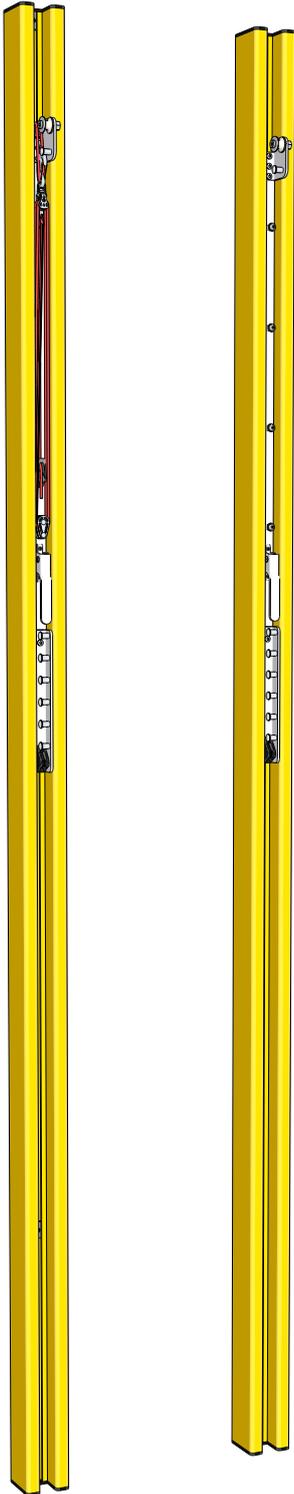
For use with ground sockets (produced in accordance with DIN 33957)

SCOPE OF DELIVERY

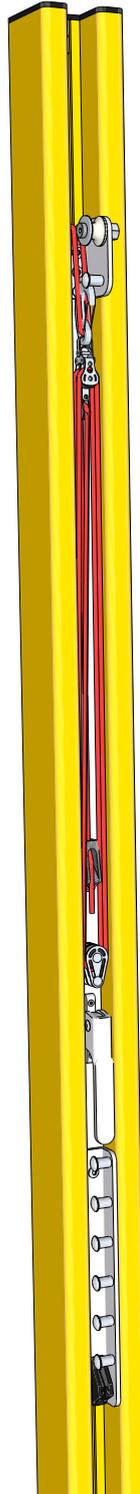
ID: 111203



Beach Volleyball posts
Beach Champ

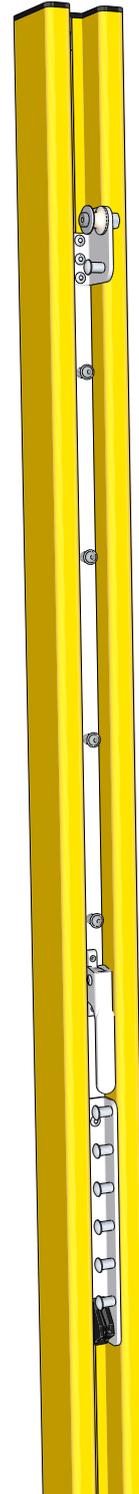


Net post with
tackle tensioning slider



1X

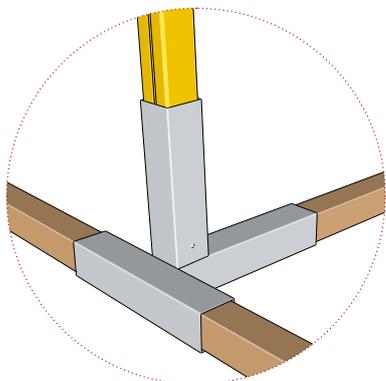
Net post with
tensioning counter slider



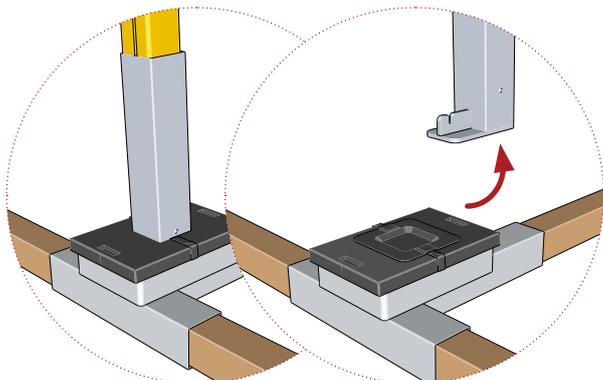
1X

GROUND INSTALLATION OPTIONS

FOR ID: 111203



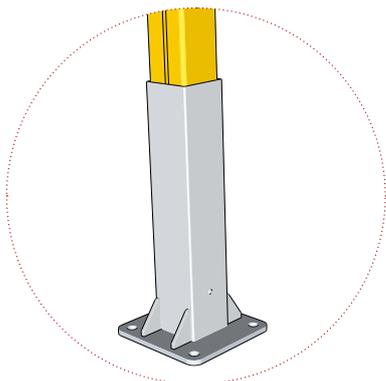
FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS



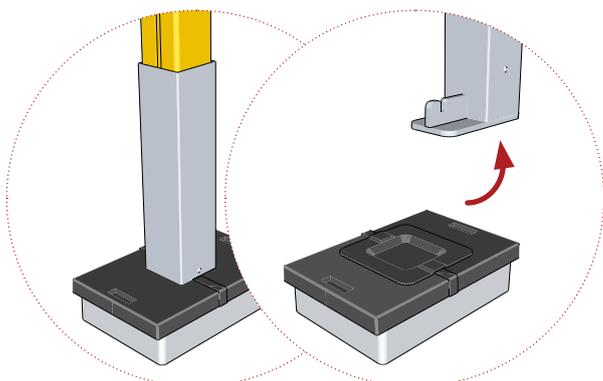
FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS



FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT



FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION



FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION



FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT





GROUND INSTALLATION OPTION FOR ID: 111203

General information on building a Beach Volleyball court with City Beach sockets:

When building a sand court we suggest to fill up the sand first of all. Afterwards you can just dig in the City Beach ground sockets and set up the net system.

We consider a permanent sand level of 40-50 cm as ideal. It is recommended to fill up the sand a little bit higher at the centres of the playing field halves. It will be moved away towards the court surrounds by the players. Please make sure to create a minimum sand level of 35 cm around the ground sockets for this installation option.

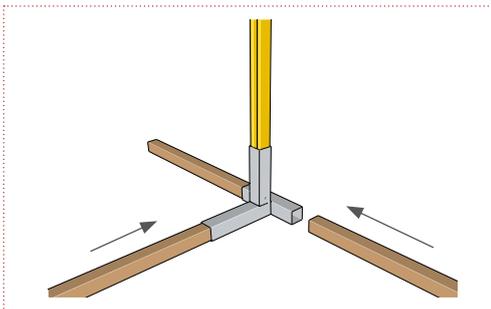
Example: Approximately 250 tons sand are required for a sand court with 14 x 22 m dimensions (for leisure sports) and a sand level of approximately 45 cm. Calculation: volume in m³ x density factor (e.g.: 1,8 - depending on the grain size and the sand quality).

MINIMUM SAND LEVEL: 35 CM

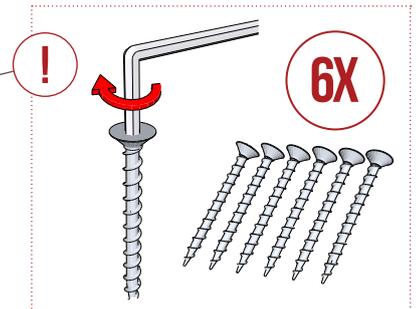
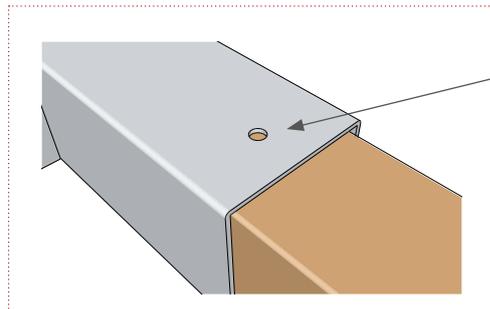
Required for assembly:

Pressure-treated square timbers, 6 pieces, each 1500 x 88 x 88 mm (maximum dimensions: 1500 x 90 x 90 mm), suitable for permanent ground contact

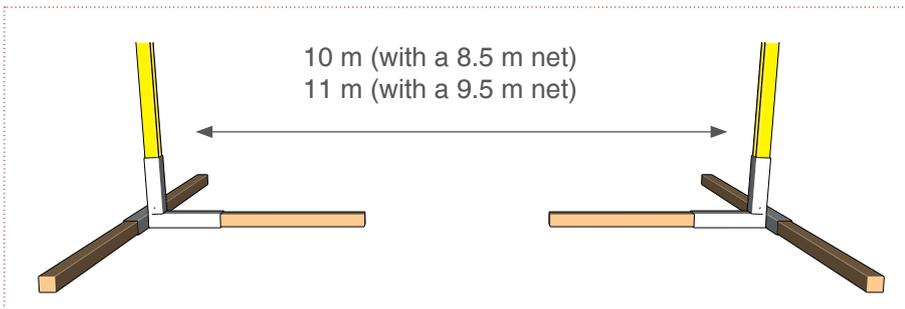
Insert square timbers into T-base



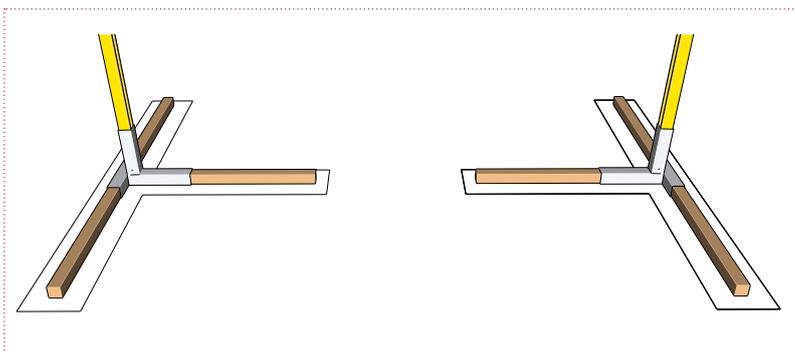
Secure with suitable screws



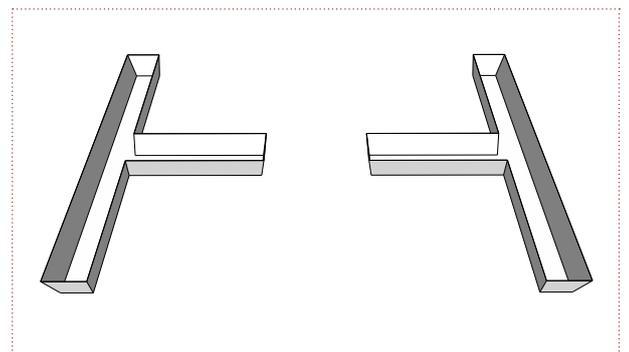
Set into position: ground sockets together with inserted square timbers



Mark the outline of the square timbers



Make excavations according to outlines



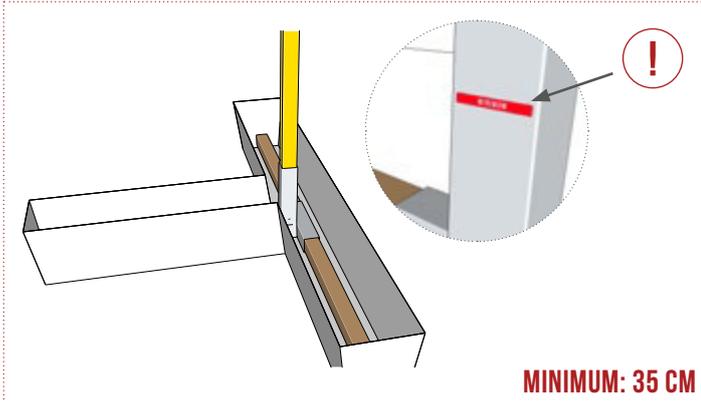


FREESTANDING INSTALLATION WITH SQUARE TIMBER BEAMS

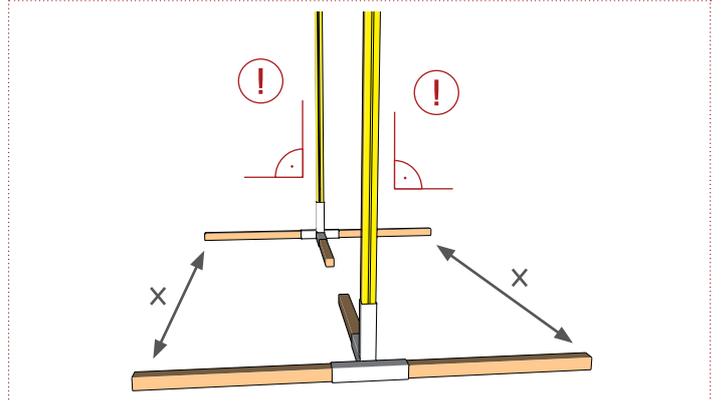


GROUND INSTALLATION OPTION FOR ID: 111203

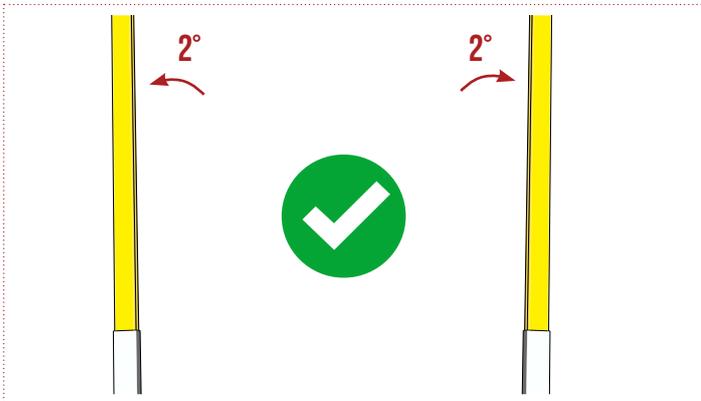
Set ground sockets with timbers into excavation; be careful not to step onto the borders of the excavation



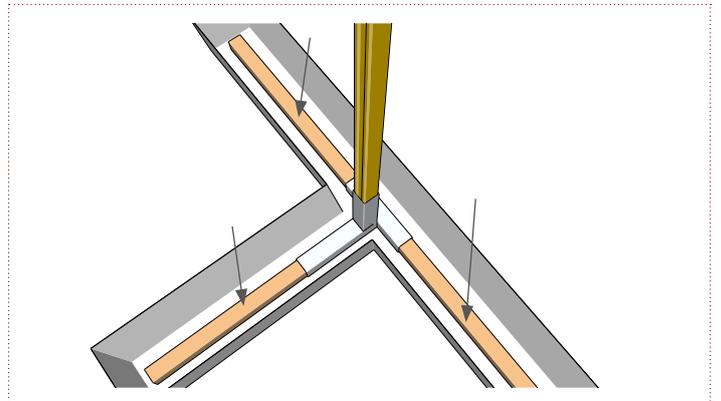
Align the sockets with each other - inserting the net poles will be helpful



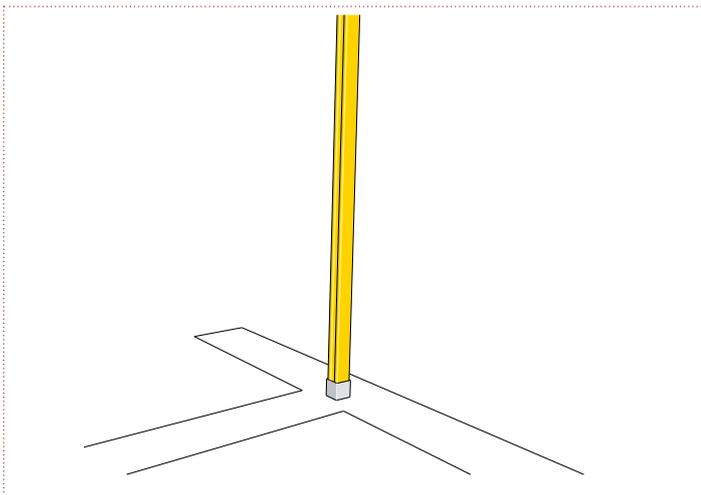
The sockets are designed with a 2° sloping angle to the outwards.



Step on the timbers to press them firmly into the sand



Fill up the excavation
(Be careful not to move the timbers when doing this!)





FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS



ACCESSORIES FOR ID: 111203 (SOLD SEPARATELY)

Beach Volleyball socket City Beach,
ID: 111211



2X

Square timber set
ID: 111232



1X

Pro Beach Courtline
ID: 111304



1X

Pro Beach net PLUS, incl. net antennas PLUS
(2-piece, with velcro strap pockets), ID: 111601



1X

Square-cut Beach Volley post pads (100 x 100 mm),
1 pair, ID: 111353



1X



FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS

+



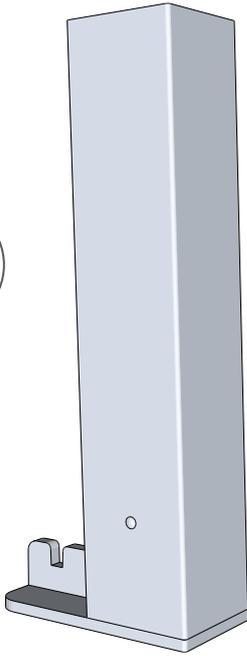
FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT



REQUIRED ACCESSORIES (SOLD SEPARATELY)

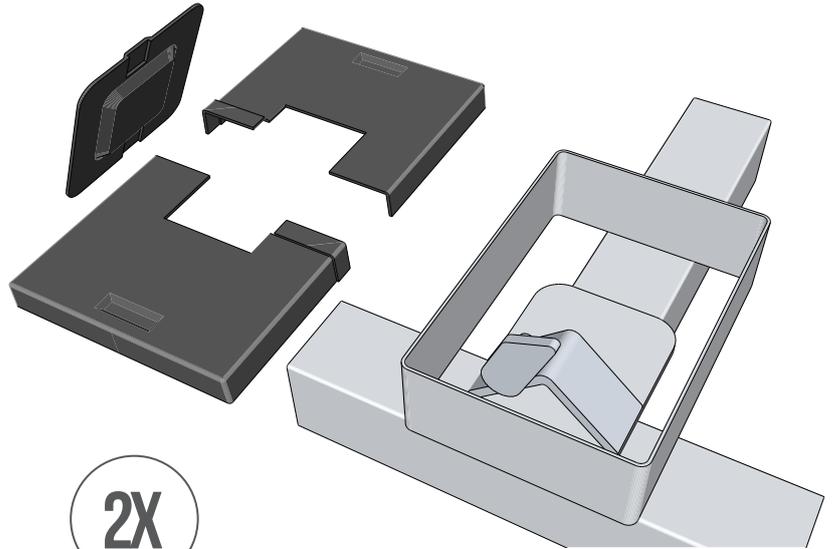
Beach Volleyball socket Switch,
removable, ID: 111210

2X



Switch ground plate with T-base, incl. sand protection frame
and a 3-piece steel cover lid, ID: 111220

2X





FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS

+



FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT



GROUND INSTALLATION OPTION FOR ID: 111203

General information on building a Beach Volleyball court with City Beach ground plates:

When building a sand court we suggest to fill up the sand first of all. Afterwards you can just dig in the City Beach ground sockets and set up the net system.

We consider a permanent sand level of 40-50 cm as ideal. It is recommended to fill up the sand a little bit higher at the centres of the playing field halves. It will be moved away towards the court surrounds by the players. Please make sure to create a minimum sand level of 40 cm around the ground sockets for this installation option.

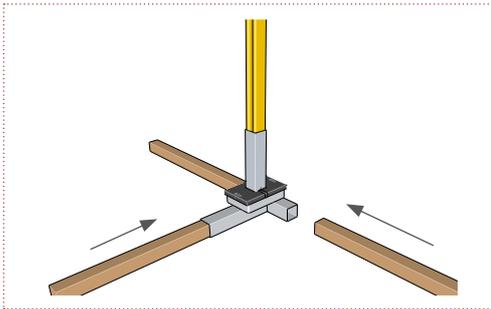
Example: Approximately 250 tons sand are required for a sand court with 14 x 22 m dimensions (for leisure sports) and a sand level of approximately 45 cm. Calculation: volume in m³ x density factor (e.g.: 1,8 - depending on the grain size and the sand quality).

MINIMUM SAND LEVEL: 40 CM

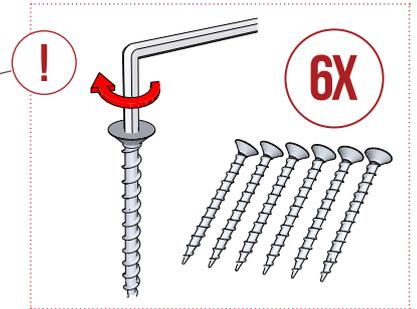
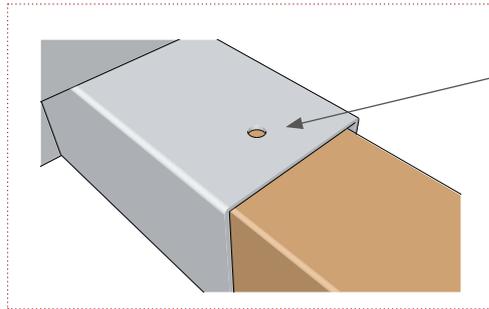
Required for assembly:

Pressure-treated square timbers, 6 pieces, each 1500 x 88 x 88 mm (maximum dimensions: 1500 x 90 x 90 mm), suitable for permanent ground contact

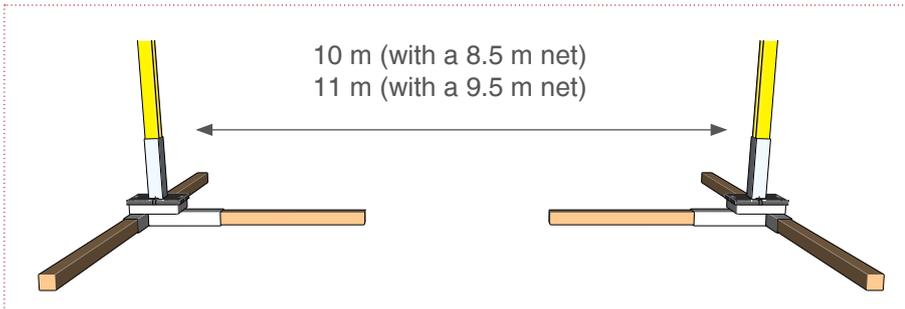
Insert square timbers into T-base



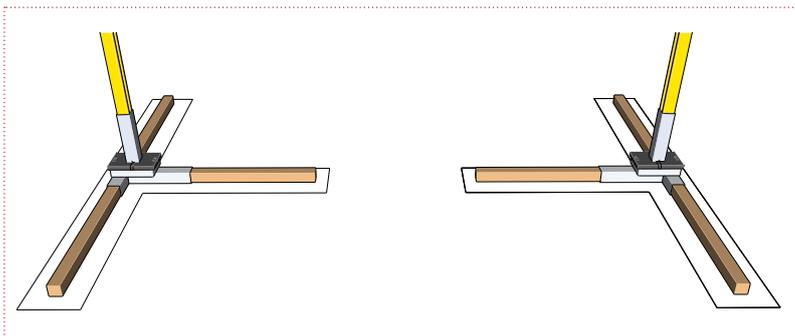
Secure with suitable screws



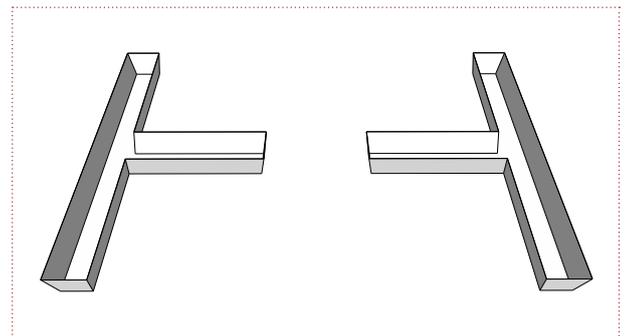
Set into position: ground sockets together with inserted square timbers



Mark the outline of the square timbers



Make excavations according to outlines





FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS

+

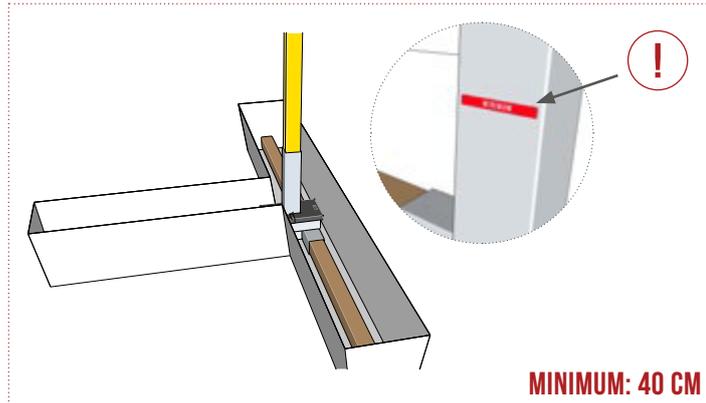


FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT

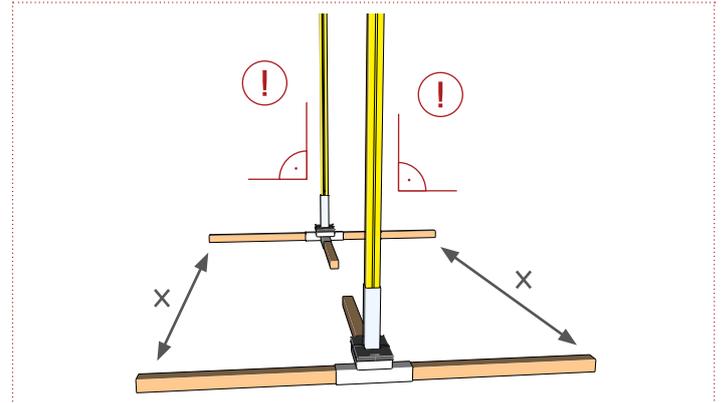


GROUND INSTALLATION OPTION FOR ID: 111203

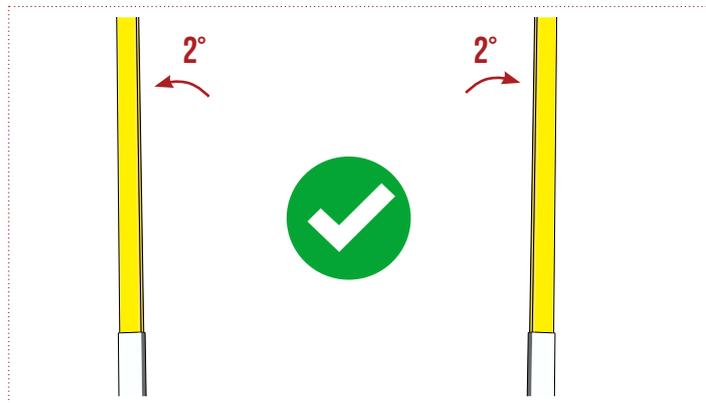
Set ground sockets with timbers into excavation; be careful not to step onto the borders of the excavation



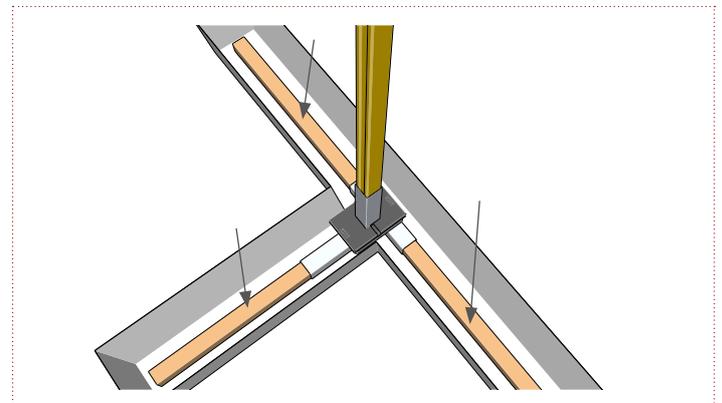
Align the sockets with each other - inserting the net poles will be helpful



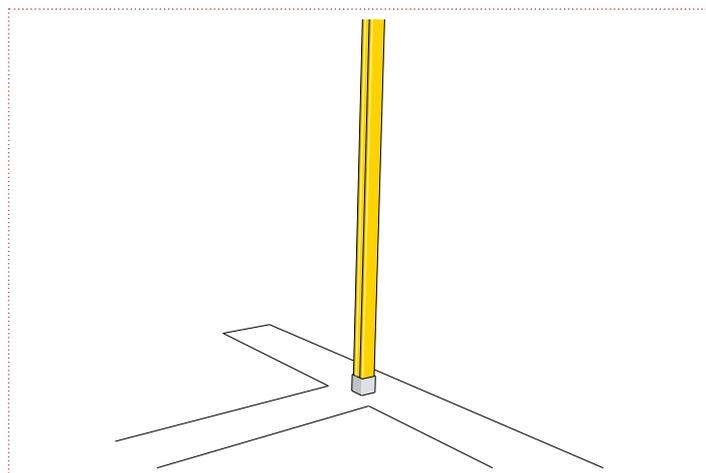
The sockets are designed with a 2° sloping angle to the outwards



Step on the timbers to press them firmly into the sand



Fill up the excavation
(Be careful not to move the timbers when doing this!)





FREESTANDING
INSTALLATION WITH
SQUARE TIMBER BEAMS

+



FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT



ACCESSORIES FOR ID: 111203 (SOLD SEPARATELY)

Square timber set
ID: 111232

1X



Pro Beach net PLUS, incl. net antennas PLUS
(2-piece, with velcro strap pockets), ID: 111601

1X



Pro Beach Courtline
ID: 111304

1X



Square-cut Beach Volley post pads (100 x 100 mm),
1 pair, ID: 111353

1X





FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION



GROUND INSTALLATION OPTION FOR ID: 111203

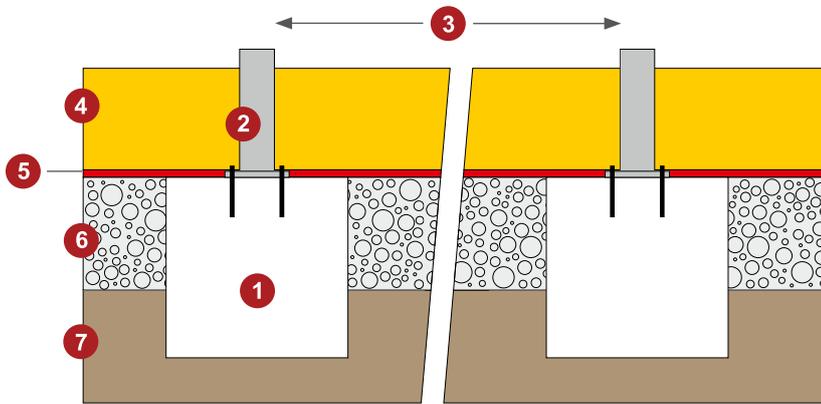
General information on building a Beach Volleyball court with bolt-down socket:

We consider a permanent sand level of 40-50 cm as ideal. It is recommended to fill up the sand a little bit higher at the centres of the playing field halves. It will be moved away towards the court surrounds by the players. Please make sure to create a minimum sand level of 35 cm around the ground sockets for this installation option.

Example: Approximately 250 tons sand are required for a sand court with 14 x 22 m dimensions (for leisure sports) and a sand level of approximately 45 cm. Calculation: volume in m³ x density factor (e.g.: 1,8 - depending on the grain size and the sand quality).

MINIMUM SAND LEVEL: 35 CM

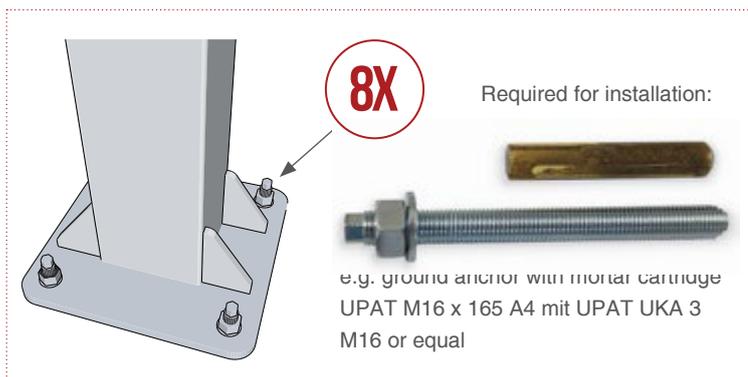
Create foundations with a closed surface,
Distance (clear span between sockets): 10 m with a 8.5 m net, 11 m with a 9.5 m net



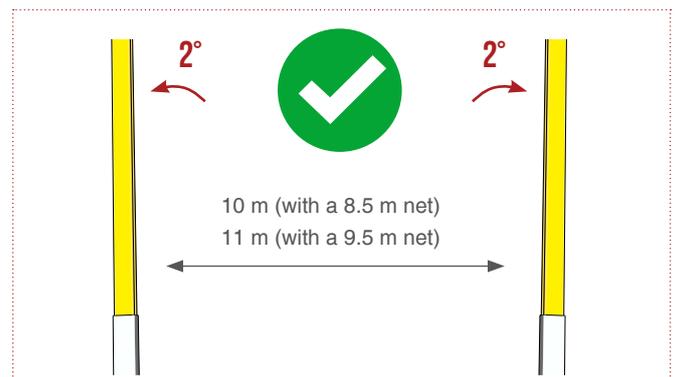
Description

- 1 Foundation, Dimensions: 80 x 80 x 80 cm, class C25/30, built-in welded wire fabric (Q188A)
- 2 Ground socket, bolted down on the concrete foundation
- 3 Distance (clear span): 10 m (with a 8.5 m net), 11 m (with a 9.5 m net)
- 4 Sand (minimum sand level: check red marking)
- 5 Drainage matting/geomembrane
- 6 Drainage/base layer, 50 cm approx.
- 7 Soil

Screw down the sockets onto the foundation



The sockets are designed with a 2° sloping angle to the outwards





FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION



ACCESSORIES FOR ID: 111203 (SOLD SEPARATELY)

Socket with bolt-down base
ID: 111212

2X



Steel ground anchor, with mortar
cartridge, ID: 111213

8X



Pro Beach Courtline
ID: 111304

1X



Pro Beach net PLUS, incl. net antennas PLUS
(2-piece, with velcro strap pockets), ID: 111601

1X



Square-cut Beach Volley post pads (100 x 100 mm),
1 pair, ID: 111353

1X





FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION

+



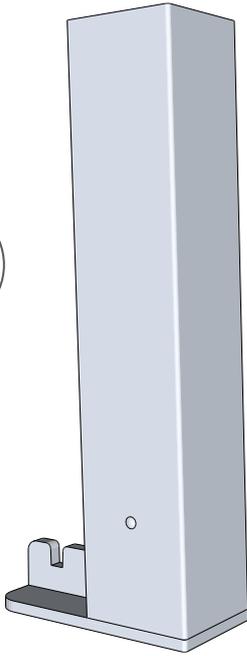
FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT



REQUIRED ACCESSORIES (SOLD SEPARATELY)

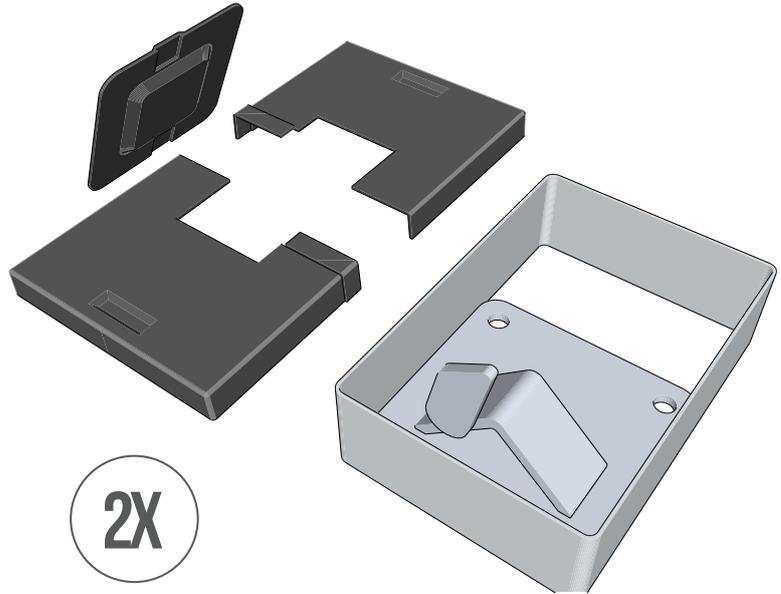
Beach Volleyball socket Switch,
removable, ID: 111210

2X



Switch bolt-down ground plate, incl. sand protection frame
and a 3-piece steel cover lid, ID: 111219

2X





FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION

+



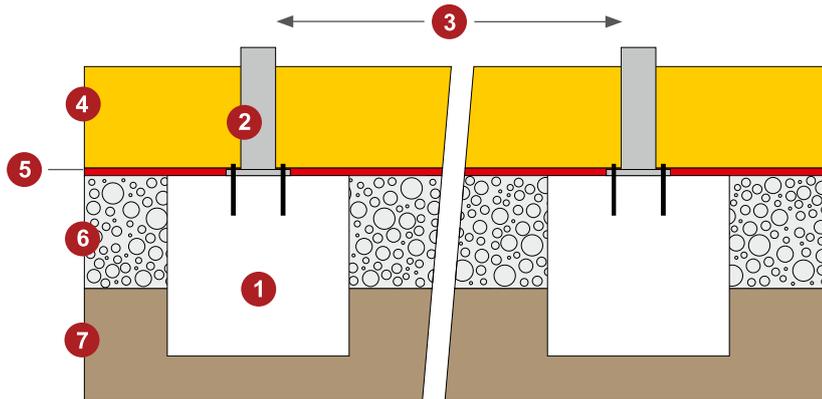
FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT



GROUND INSTALLATION OPTION FOR ID: 111203

MINIMUM SAND LEVEL: 30 CM

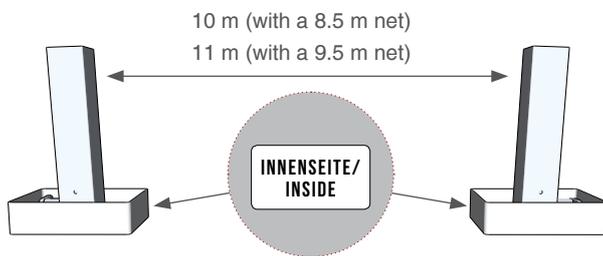
Create foundations with a closed surface,
Distance (clear span between sockets): 10 m with a 8.5 m net, 11 m with a 9.5 m net



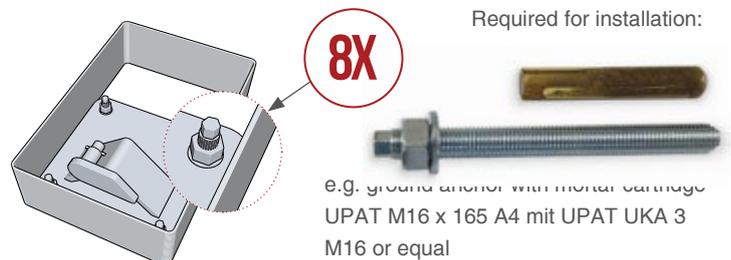
Description

- ① Foundation, Dimensions: 80 x 80 x 80 cm, class C25/30, built-in welded wire fabric (Q188A)
- ② Ground socket, bolted down on the concrete foundation
- ③ Distance (clear span): 10 m (with a 8.5 m net), 11 m (with a 9.5 m net)
- ④ Sand (minimum sand level: check red marking)
- ⑤ Drainage matting/geomembrane
- ⑥ Drainage/base layer, 50 cm approx.
- ⑦ Soil

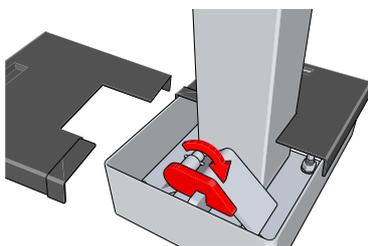
Distance and orientation of ground plates



Screw down the ground plates onto the foundation



Close safety trap and install lid cover



The sockets are designed with a 2° sloping angle to the outwards





FIXED
BOLT-DOWN ON A
CONCRETE FOUNDATION

+



FLEXIBLE
REMOVABLE SOCKETS
FOR A FREE SAND COURT



REQUIRED ACCESSORIES FOR ID: 111203 (SOLD SEPARATELY)

Steel ground anchor, with mortar cartridge, ID: 111213



8X

Pro Beach net PLUS, incl. net antennas PLUS (2-piece, with velcro strap pockets), ID: 111601



1X

Pro Beach Courtline
ID: 111304



1X

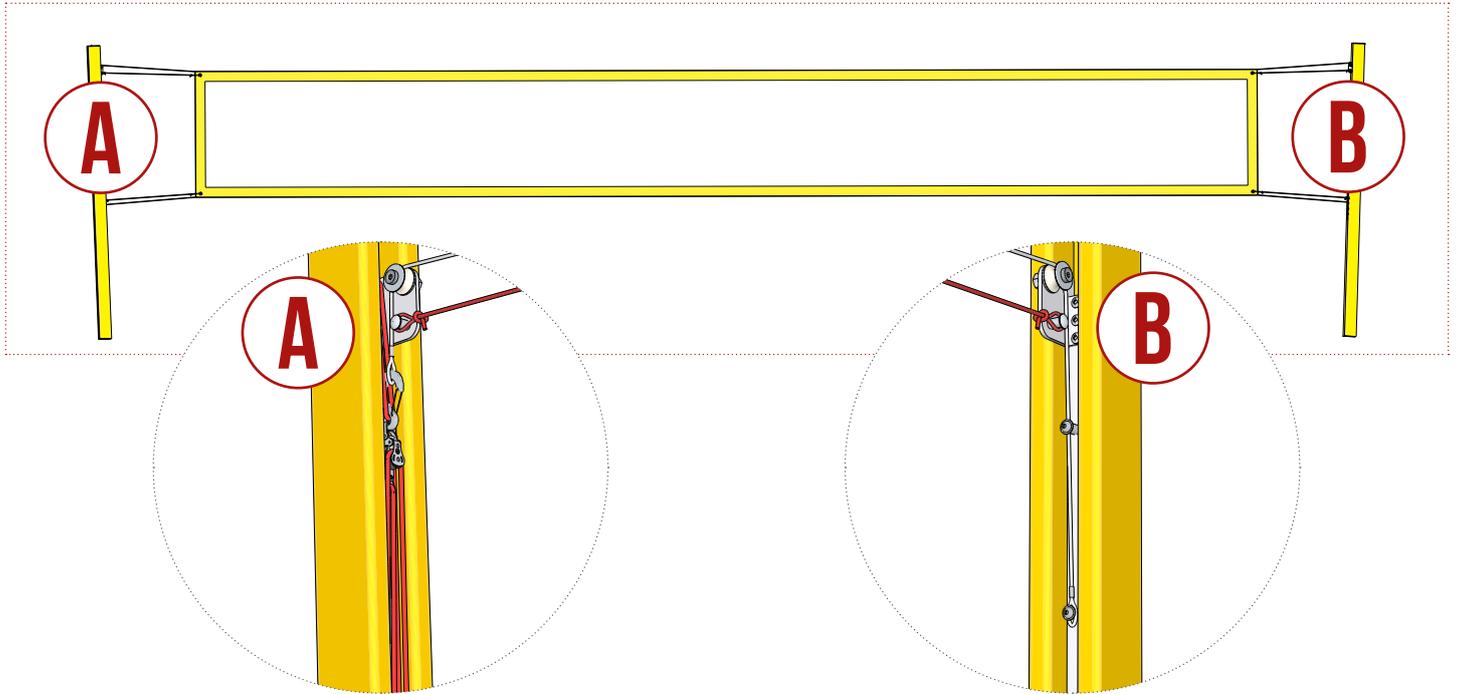
Square-cut Beach Volley post pads (100 x 100 mm),
1 pair, ID: 111353



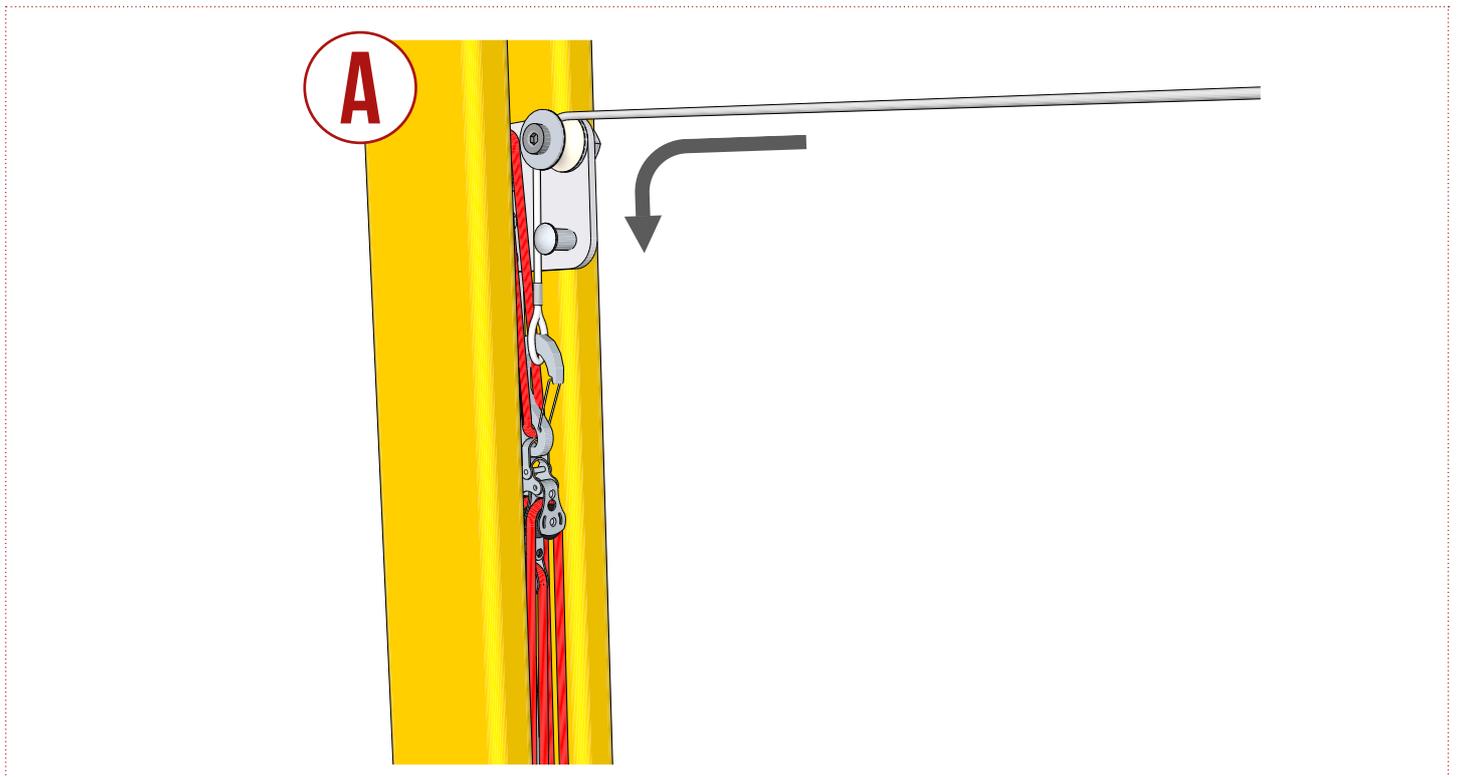
1X

BEACH VOLLEYBALL POSTS BEACH CHAMP

NET INSTALLATION



Connect head band net cable to carabiner of tackle tensioning system



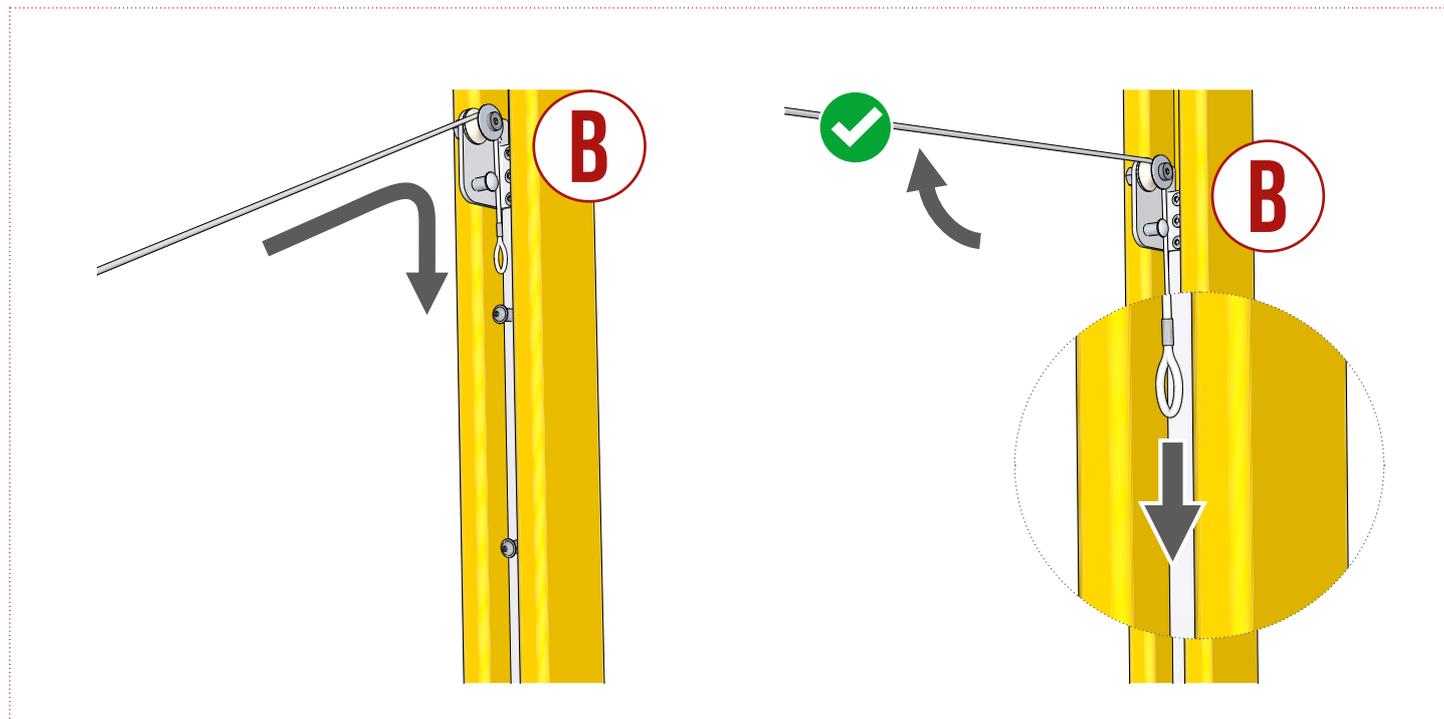
BEACH VOLLEYBALL POSTS BEACH CHAMP

NET INSTALLATION

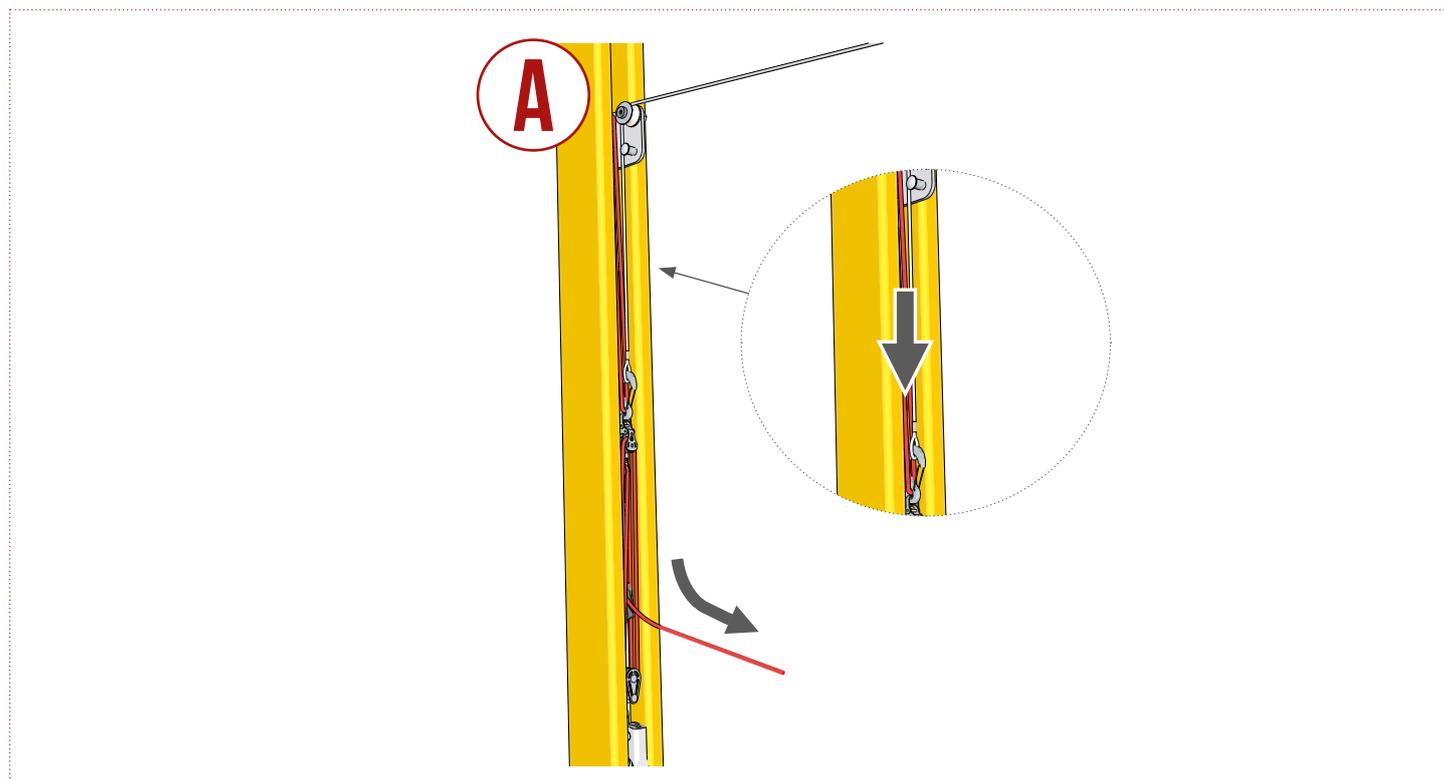


Install net cable to opposite side

Be sure to install at a good pre-tension



Pull the tackle rope to achieve the required net tension

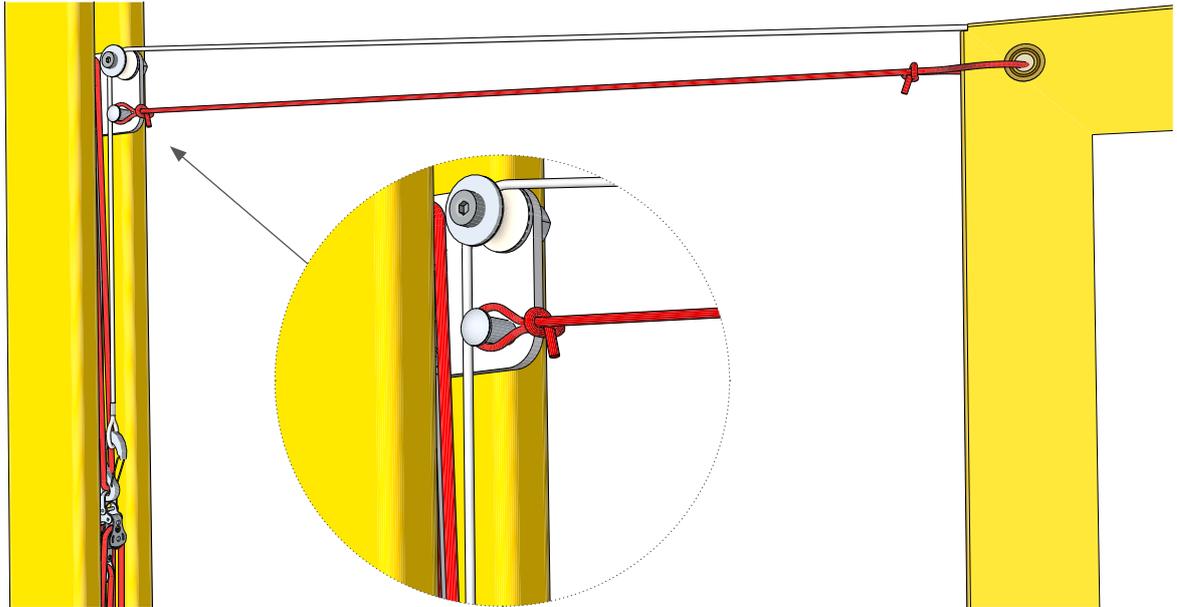


BEACH VOLLEYBALL POSTS BEACH CHAMP

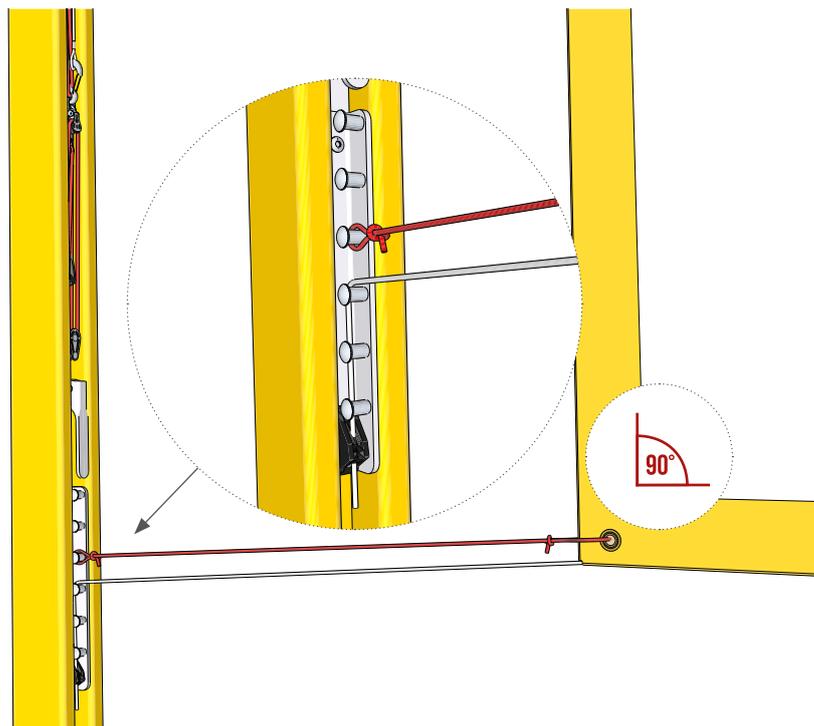
NET INSTALLATION



On each side: use red ropes to centre the net between the posts



On each side: tighten the bottom net cord and bring the net into a vertical position

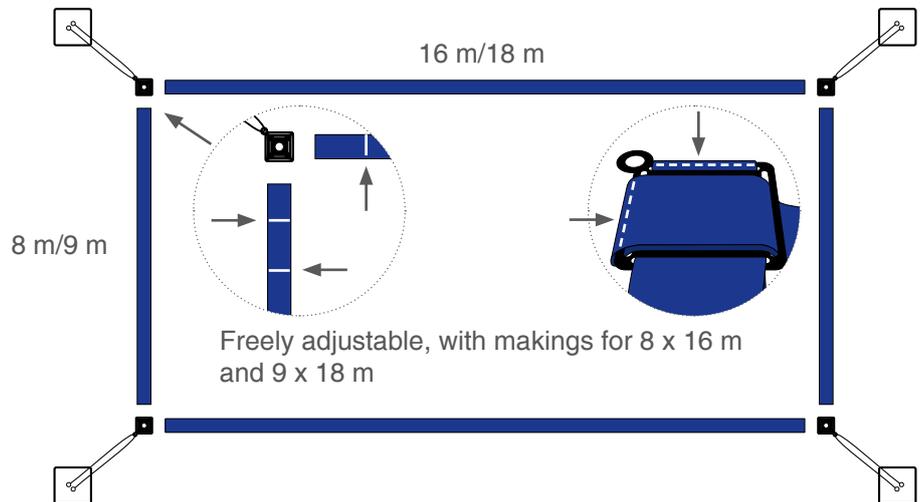


ASSEMBLY OF COURTLINE

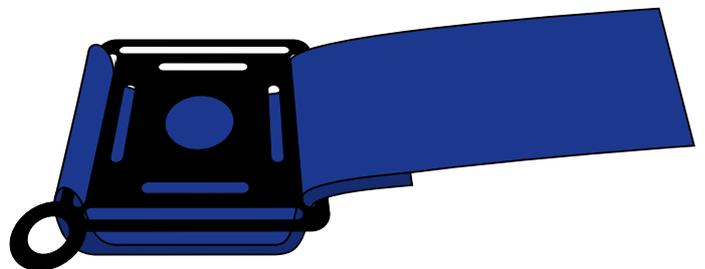
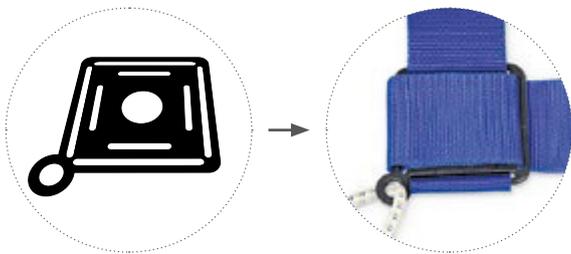
ID: 111304



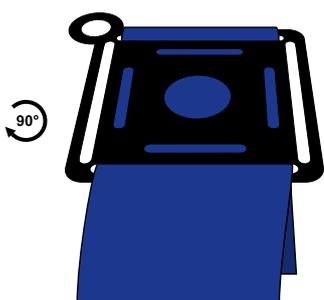
Pro Beach Courtline
ID: 111304



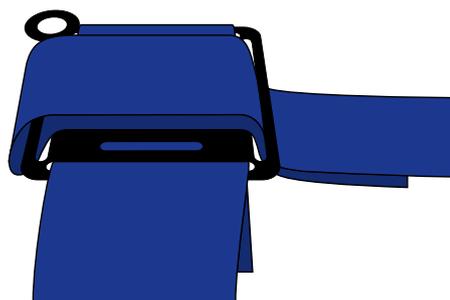
Thread strap through at the bottom side



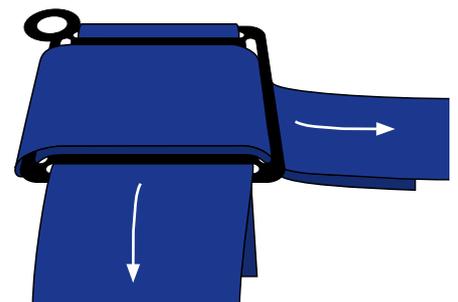
Turn by 90 degrees



Thread through at the top

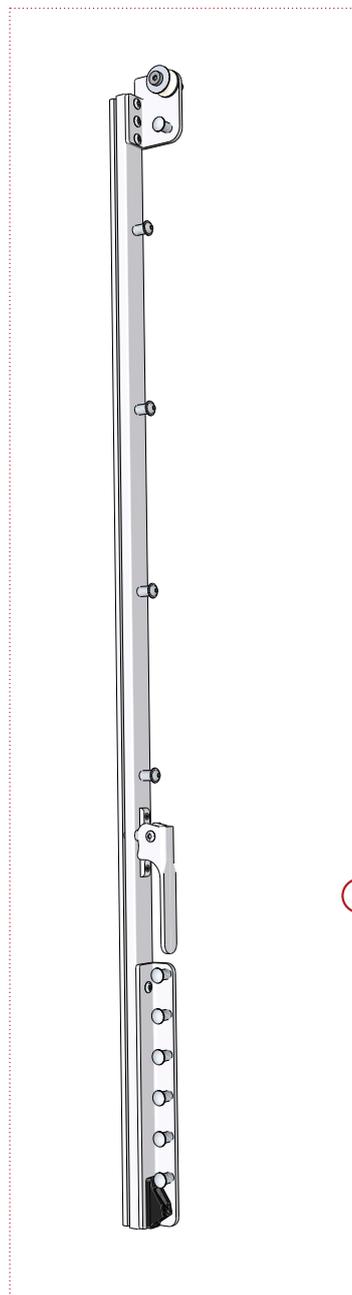
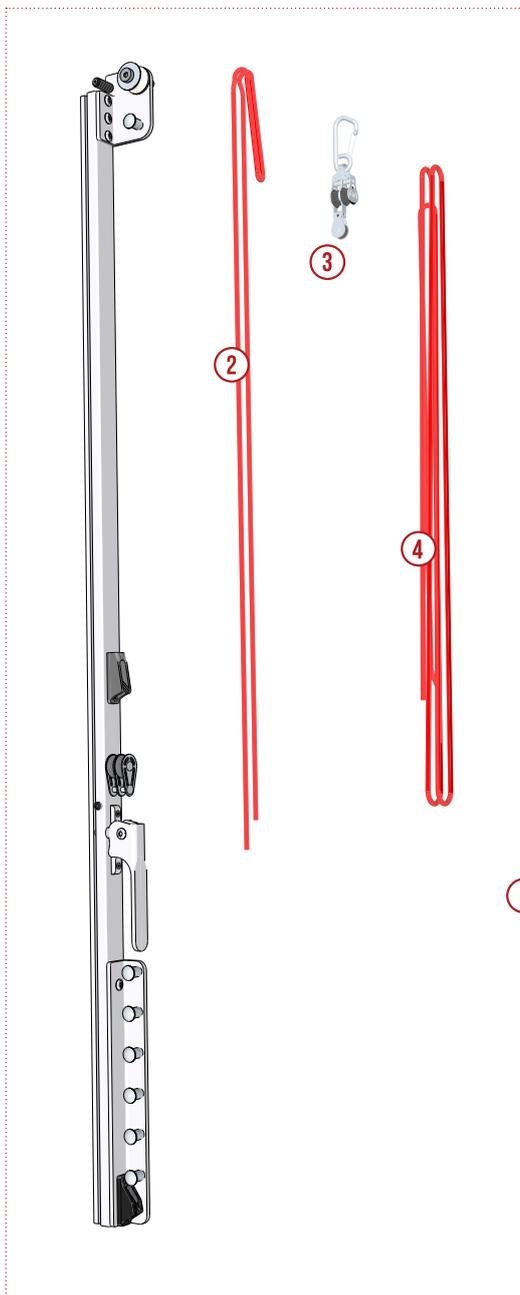
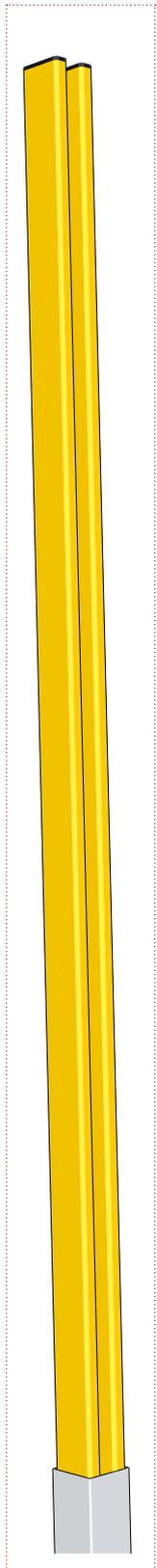


Tighten the straps



BEACH VOLLEYBALL POSTS BEACH CHAMP

SPARE PARTS



No.	Description	ID
1	Tackle tensioning slider for Beach Champ posts	203-200
2	Elastic cord, 8 mm diameter, colour: red	206-215
3	Top-block with stainless steel carabiner	206-217
4	Tackle tensioning cord, made from Polyester	206-218
5	Tensioning counter slider for Beach Champ posts	203-300

FUNTEC

www.funtec.de