

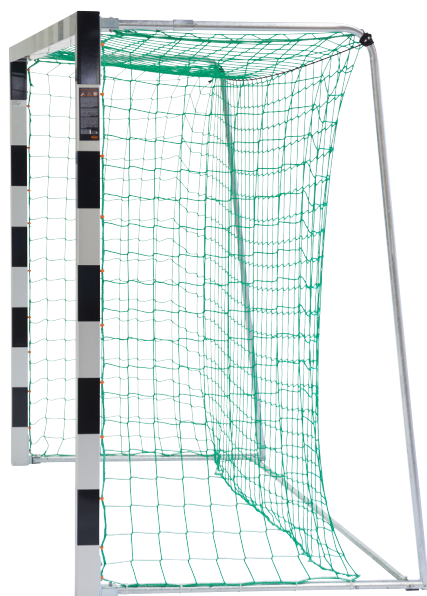
## Assembly instruction

Cat. no.. 201 0902; 201 0944; 201 0957;  
203 4515; 203 4531; 203 4544

# Sport-Thieme® Handball Goal 3x2 m

### Thanks for choosing Sport-Thieme equipment!

In order to enjoy this product please note the following instructions for safety, use and maintenance before assembly.



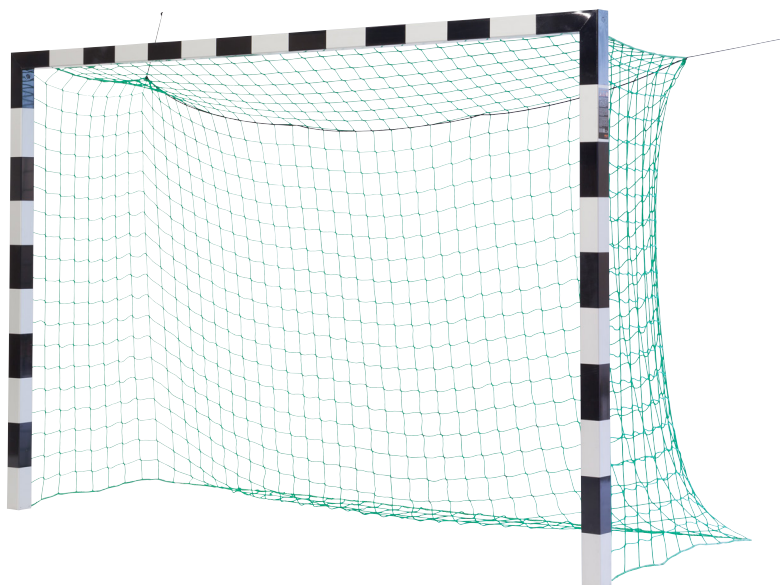
**Cat. no. 201 0902;**

**201 0944; 201 0957:**

Sport-Thieme® Handball Goal  
Free-Standing

Size: 3m x 2m

Colors: black / red / blue



**Cat. no. 203 4515;**

**203 4531; 203 4544:**

Sport-Thieme® Handball Goal,  
socketed

Size: 3m x 2m

Colors: black / red / blue

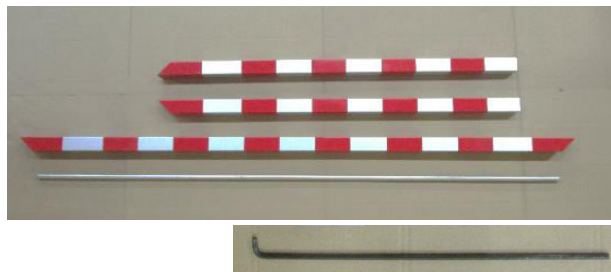
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## 1. Scope of delivery

Please check the following content before assembly.

**The following indicated quantities refer to 1 Handball goal. In case of a delivery in pairs we double the amount correspondingly. Pictured colours of profiles are only samples and may differ from delivered profiles.**

Piece	Description
1	Galvanized steel ground tube $\varnothing 3/4"$
1	Crossbar, profile 80 x 80 mm
2	Upright, profile 80 x 80 mm
1	Hexagon screwdriver SW6, DIN 911, length approx. 470 mm (only for goal in ground sockets, cat.no. 2069)



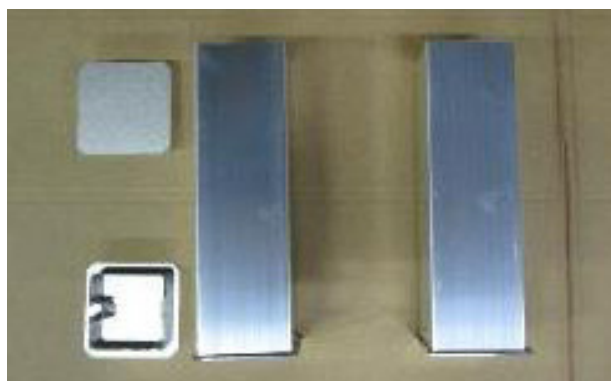
Piece	Description
2	Net hoop



Piece	Description
2	Steel corner joint
8	Steel plate
2	Upright cap
2	Upper steel hinge/angles (1 right, 1 left)
2	Lower steel hinge (1 right, 1 left)
2	Steel brace
1	Accessories



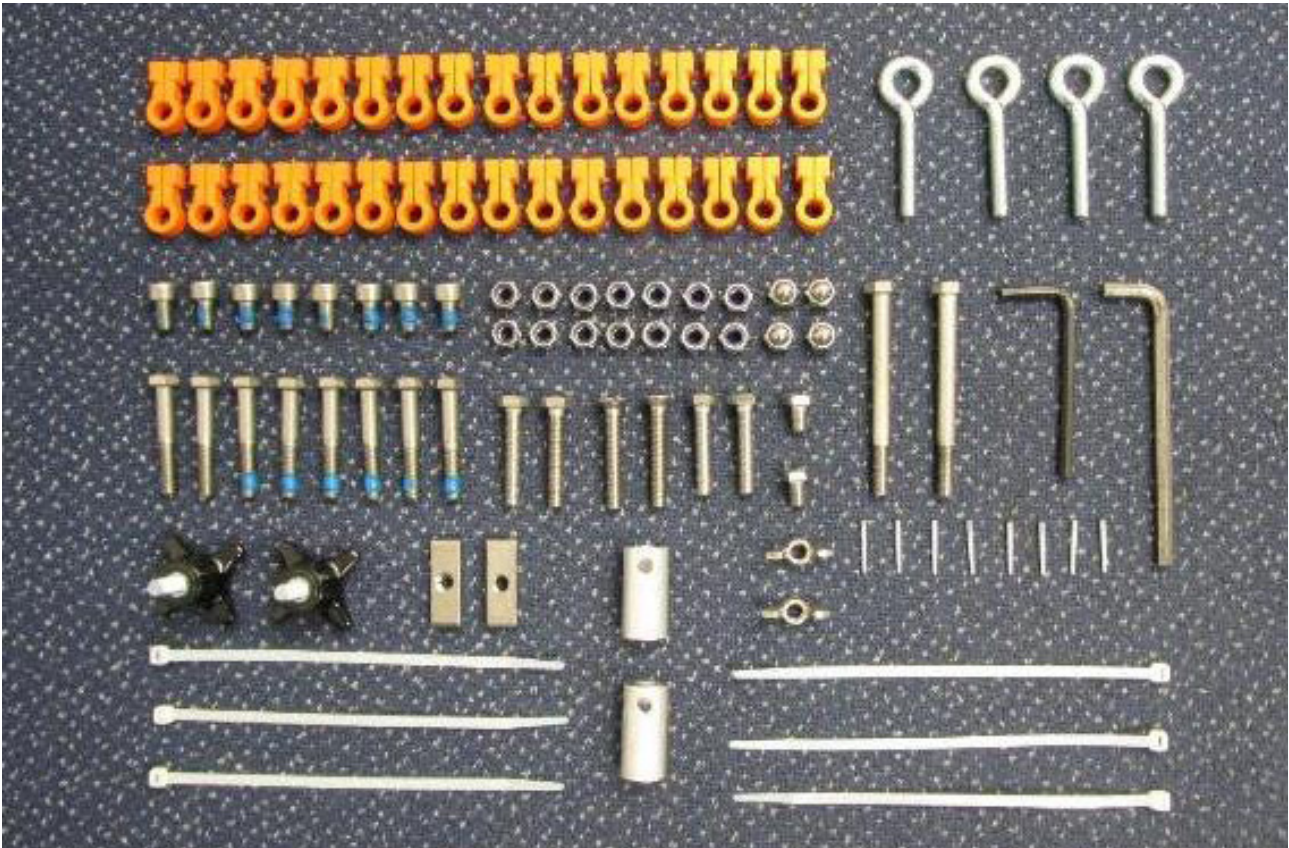
Piece	Description
	<b>Following parts only for cat. no. 203 4515 – goal in ground sockets</b>
2	Ground socket, length 300 mm
2	Cap for ground socket



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## Accessories:



Piece	Description
32	Net holder
2	Bushes with thread M8, of aluminium round tube 20 x 5 mm, length 40 mm
2	Nut, 40 mm, thread M8
2	Hand wheel M8
6	Plastic holder
4	Ring nut M8 x 50
8	Plug pin
2	Hexagon screw M8 x 90, DIN 931
2	Hexagon screw M8 x 12, DIN 933
8	Safety hexagon socket screw M8 x 50, DIN 931
8	Safety hexagon socket cylinder screw M8 x 14, DIN 912
2	Hexagon screw M8 x 50, DIN 931
2	Flat head screw M8 x 50, DIN 963
2	Hexagon screw M8 x 40, DIN 933
12	Self-locking nut M8, DIN 985
6	Self-locking cap nut M8, DIN 986
2	Wing nut M8, DIN 315
1	Hexagon screwdriver SW5, DIN 911, black
1	Hexagon screwdriver SW6, DIN 911, length 120 mm
1	Assembly instruction



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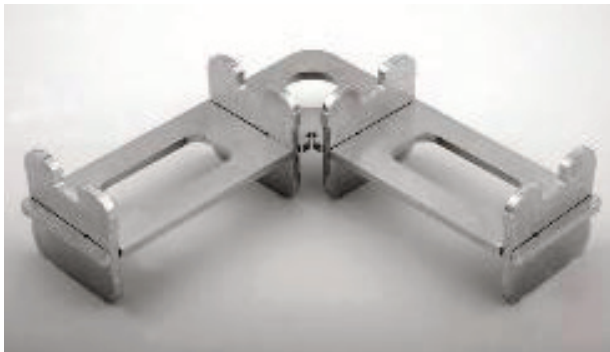
## 2. Assembly of the goal

The following tools are necessary:

- wrench/ring spanners 13 mm
- 1 mallet/hammer
- 1 drill Ø 1.5 mm
- 1 thin screw driver (for net hook fixing, if necessary)

### a) Assembly of crossbar/uprights

Lay crossbar and uprights on the ground, groove facing upwards and mitres joining. Stick 4 steel plates on steel corner joint (see 1st picture bottom left). Then stick crossbar and upright on steel corner joint (see other bottom pictures).



### b) Assembly of upper steel hinge

Place steel hinges/angles on the edges of crossbar/upright construction, the open sides of the U-profiles facing to the goal inside (see picture bottom right). Push mounted nuts to the holes of the steel hinge. Then screw safety hexagon screws DIN 931, M8x50 and fix them slightly (see picture bottom right).

Current state of assembly



push 3rd nut in the crossbar  
next to the hinge

open side of U-profile  
facing to the goal inside

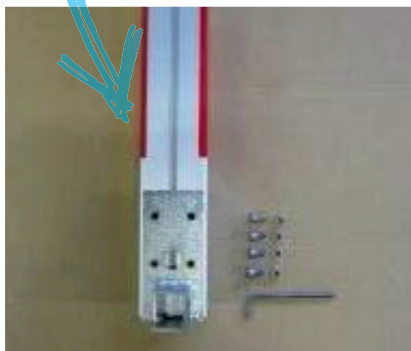


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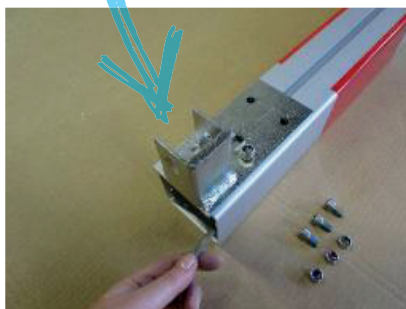
### c) Assembly of lower steel hinge – upright of free standing goal, cat.no. 201 0902

Place lower steel hinge over the holes provided at the bottom of the upright, the open side of the U-profile facing to the goal inside (see pictures bottom left and right). Stick from the inside 4 safety hexagon socket cylinder screws DIN 912, M8x14 with screwdriver SW6, length 120mm through holes of upright and steel hinge. Screw from the outside 4 self-locking nuts DIN DIN 985, M8 (see picture bottom right).

inside of goal upright

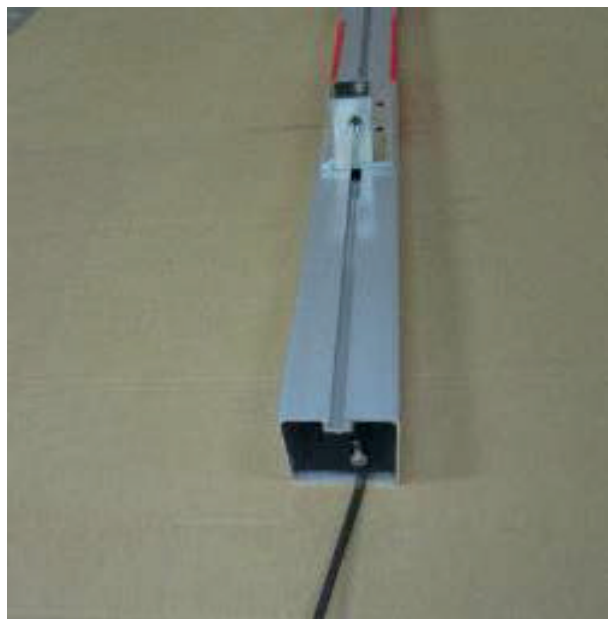


open side of U-profile facing to upright's inside



### Assembly of lower steel hinge – upright of goal in ground sockets, cat.no. 203 4515

The assembly of the lower steel hinge is done as described above but with extended screwdriver SW6, length approx. 470 mm (see the following pictures).



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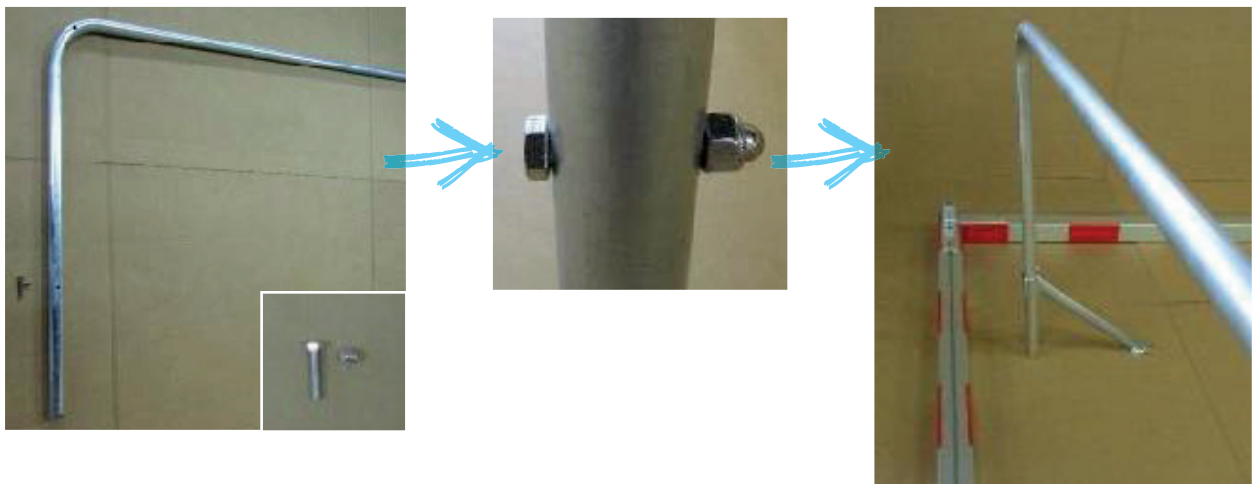
## d) Assembly of caps

Stick caps in the open ends of uprights (see picture bottom left). Bore them with drill 1.5 mm through the holes provided in the uprights. Then fix plug pins with a hammer/mallet.



## e) Assembly of net hoop

Stick from the inside 1 heagon screw DIN 933, M8 x 40 through the hole of the net hoop (see bottom pictures). Then screw and tighten self-locking cap nut M8, DIN 986. Now push from the bottom net hoop brace (see picture bottom left).



Stick net hoop into hinge parts and lay net hoop brace on the crossbar, the chamfered side of the net hoop facing to the outside (see 2nd picture bottom right). Then stick from the bottom 1 hexagon screw M8 x 50, DIN 932 through holes of the hinge (at edge crossbar/upright), screw and tighten from the top 1 self-locking nut M8, DIN 985.



chamfered side of the net hoop facing to the outside

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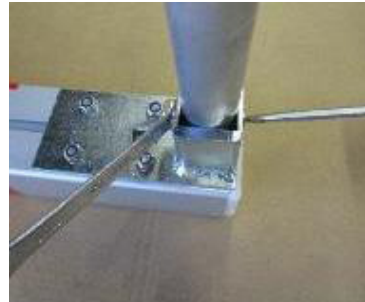
*We are your team!*

Push already mounted nut below the hole of net hoop brace and fix brace with hand wheel M8 (see the following pictures).



**f) Assembly of the upper net hoop – goal freestanding, cat. no. 201 0902:**

Fix net hoop at the lower hinge. Stick from the bottom 1 flat head screw DIN 953, M8 x 50 through holes of hinge and net hoop, screw and tighten 1 self-locking nut DIN 985, M8. Then tighten also screws in the upper hinge.



**Assembly of lower net hoop – goal in ground sockets, cat.no. 203 4515:**

The assembly of the net hoop at the lower steel hinge is done as described above.

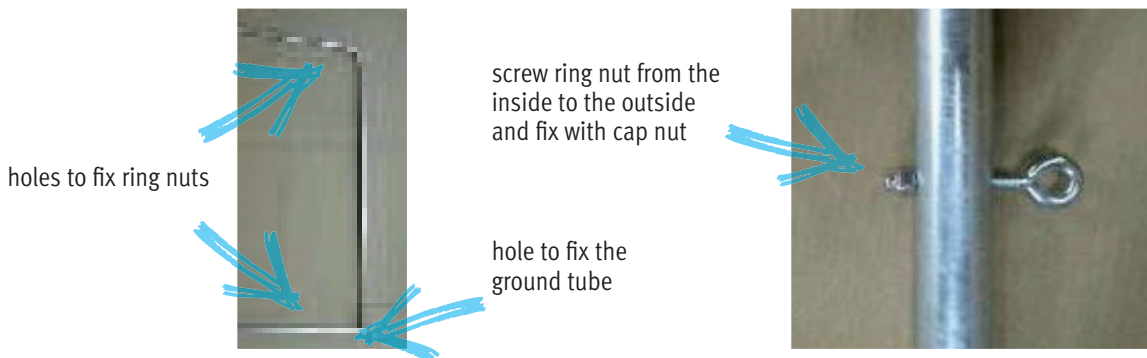




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**g) Assembly of ring nut:**

Stick from the inside ring nuts M8 x 50 through lateral and upper net hoop holes and fix them with cap nuts M8, DIN 986 (see bottom picture).

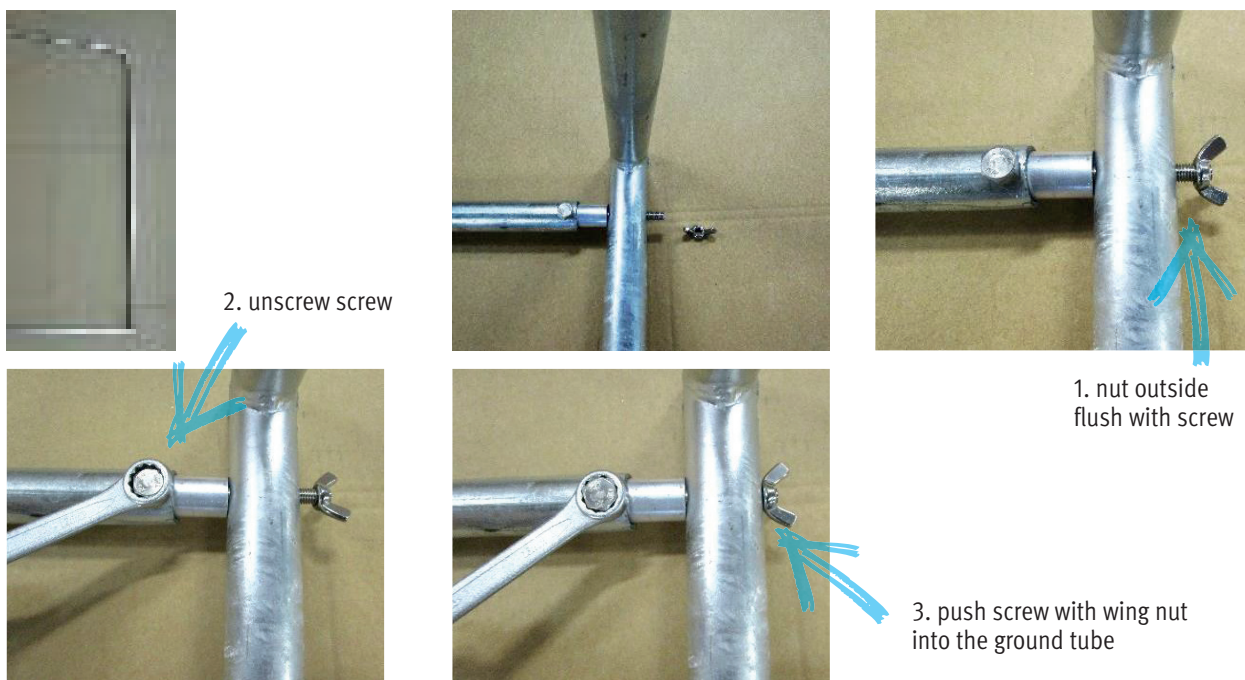


**h) Assembly of ground tube**

Stick hexagon screw DIN 931, M8 x 90 through bush of aluminium tube 40 mm (see picture bottom left). Then push bush into the ground tube (see picture bottom mid) and screw hexagon screw DIN 933, M8 x 12 through holes of bush and ground tube. Tighten screw (see picture bottom right).



Fix ground tube between the net hoops into the back holes (see 1st picture bottom left and mid). Screw 1 wing nut M8, DIN 315 so that the nut outside is flush with the screw of the bush (see 1st picture bottom right). Then unscrew hexagon screw at the ground tube. Finally push screw with wing nut completely into the ground tube so that the nut is directly fixed on the net hoop (see last picture bottom right). Then tighten all screws and nuts.





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## 3. Assembly of the net

### a) The net is not part of the delivery.

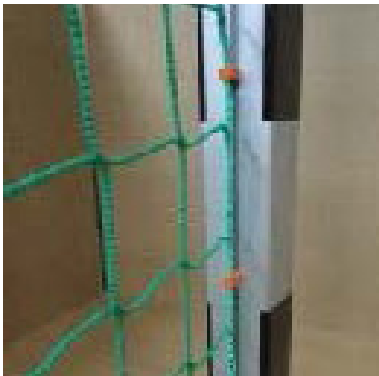
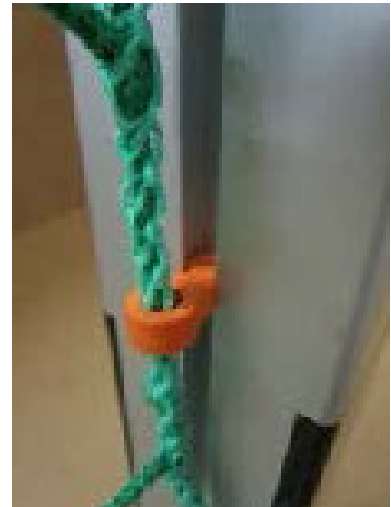
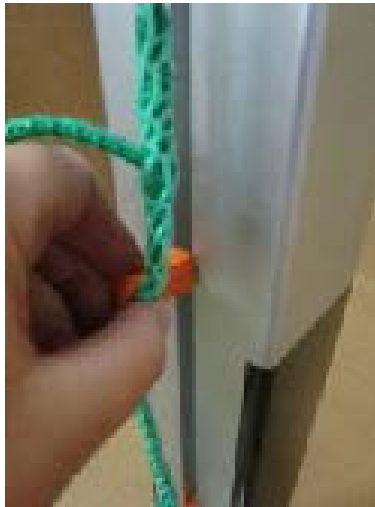
Fix net holders at the net rope. Bend open net holders a little and press rope into the holders. We recommend the following distribution of net holders:

crossbar : 16 pieces

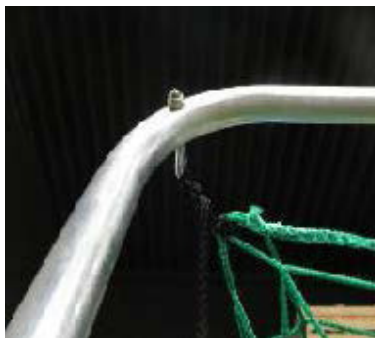
uprights : 8 pieces each

After having mounted all net holders fix net at the goal construction. Erect the goal. Stick net holders in the net hook rail and fix them with a 90 degrees' rotation. Use a thin screw driver if necessary (please avoid damages at the goal).

Fix net with plastic holders in the bottom part of net hoops. Cut off protruding ends of plastic holders (see picture bottom right).



### b) Fix ends of upper and lower tensioning rope at the mounted ring nuts. Cut off protruding rope ends (see bottom picture).



### c) Dismantling of the net is also done by rotation of the net holders through 90 degrees. Use again a thin screw driver if necessary.

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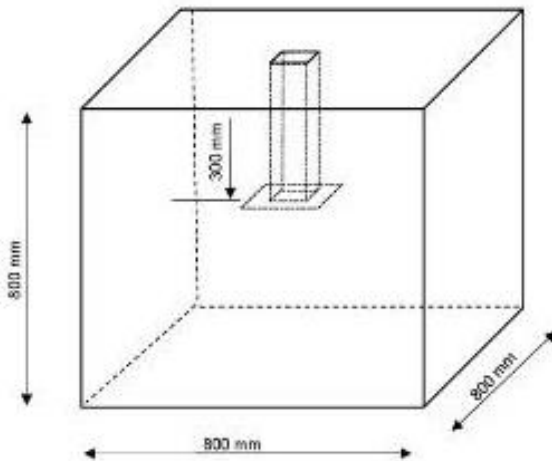
## 4. Storage of the goal

To store the goal unscrew hand wheels at the net hoop brace (see also step 2f). Fold net hoop braces. Then screw again hand wheels so that they don't get lost. Unscrew wing nuts at both sides of the ground tube and remove ground tube (see also step 2i). Screw again wing nuts so that they don't get lost. Then fold net hoops.



## 5. Assembly of the ground sockets

- a) For handball gates with a size of 3,00 x 2,00 m the distance of the ground sockets must be 3,08 m (middle socket – middle socket = center distance).
- b) Concrete ground sockets according to the sketch. Foundation dimensions: 800 x 800 x 800 mm.



- c) Do not apply an acceleration mixture or antifreeze during as these adhesives may cause damages to the ground sockets.
- d) After hardening of the concrete, the goal can be inserted into the sockets.

## 6. Maintenance, safety and storage instructions



This goal is only constructed for Handball and not for other purposes. Check all screwed fastenings before use and repeat it from time to time. It has to be protected against overturning at any time. Do not climb net or goal frame. It is not allowed to fix additional parts or extensions at the goal frame which may impair the safety of the goal (according to EN 749).

Check screwed fastenings regularly and change damaged and wearing parts if need be. The unit should be maintained once a year by skilled personnel.

### **Notice:**

**Due to our continuous quality check of products and equipment technical modifications are possible.**

**To avoid damage and misuse goals have to be stored secured and in an upright position when not in use.**

**Only use water for cleaning the surfaces. Do not use alcohol or any aggressive chemicals!**

Bei Fragen stehen wir Ihnen gerne zur Verfügung!  
Ihr Sport-Thieme Team

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