

## Assembly instruction

# Sport-Thieme® Handball Goal

### 3x2 m, without net brackets, in ground sockets

**Thanks for choosing Sport-Thieme equipment!**

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



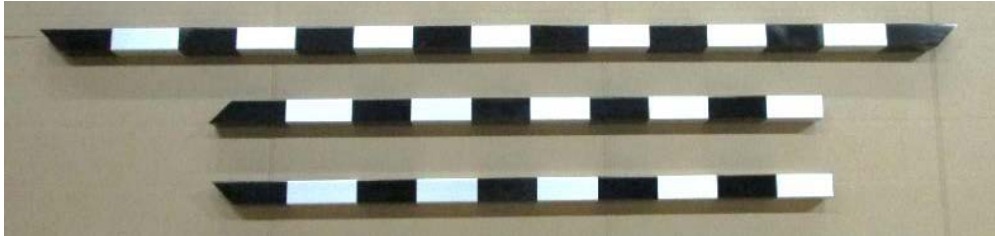
**Cat.-no. 113 6526:**

Sport-Thieme®  
Handball Goal, 3x2 m,  
without net brackets, in  
ground sockets

## 1. Scope of delivery

Please check the following content before assembly.

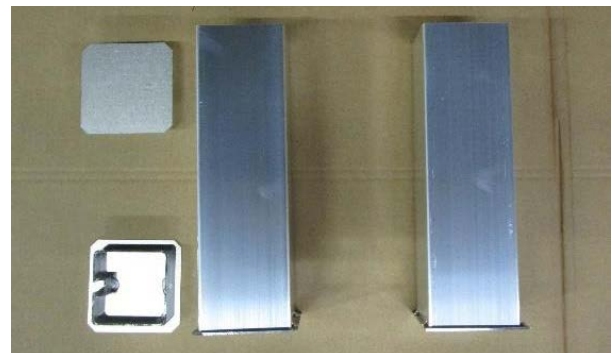
The following indicated quantities refer to 1 Handball goal. In case of a delivery in pairs we double the amount correspondingly. Pictured colours of profiles are only samples and may differ from delivered profiles.



Piece	Description
1	Crossbar, profile 80 x 80mm
2	Uprights, profile 80 x 80mm

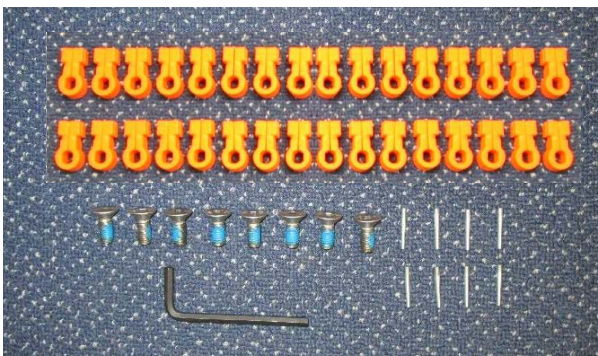


Piece	Description
2	Aluminium cast corner joints
2	Upright cap
1	Accessories



Stück	Beschreibung
2	Ground socket, length 300 mm
2	Cap for ground socket

## Accessories



Stück	Beschreibung
32	Net holder
8	Hexagon socket screw M8 x 20, DIN 7991
1	Plug pin
1	Hexagon screwdriver SW5, DIN 911, black
1	Assembly instruction

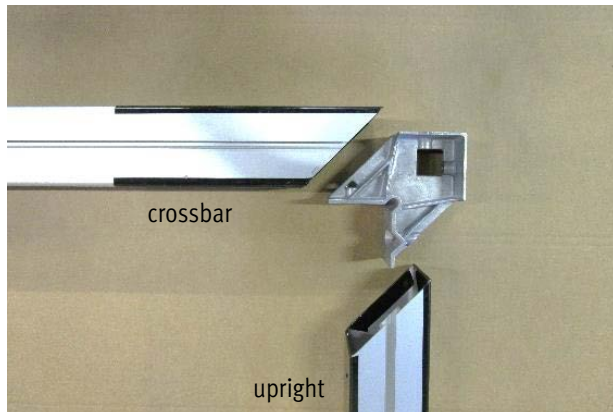
## 2. Assembly of the goal

The following tools are necessary:

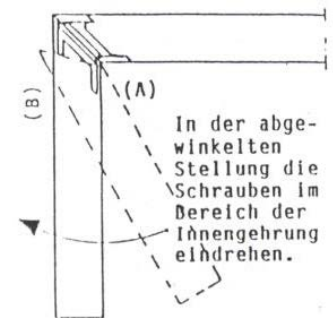
- 2 wrench/ring spanners 13 mm
- 1 mallet/hammer
- 1 drill  $\varnothing$  1,5 mm
- 1 thin screw driver (for net hook fixing if necessary)

- a) Assembly of crossbar/uprights: Lay crossbar and uprights on the ground, groove facing upwards and mitres joining. Stick aluminium cast corner joint into the end of the crossbar (see 2nd picture bottom right). Then stick upright on cast corner joint. Take care that the internal corner of crossbar/upright is nearly closed. The external corner has to be somewhat open as shown on the 3rd picture below. Screw 2 hexagon socket screws DIN 7991, M8 x 20mm in the internal corner (see 4th picture bottom right).

1. stick aluminium cast corner joint



2. push mitre of internal corner close together



3. let external corner still open



4. screw hexagon socket screws M8 x 20mm slightly



Then join uprights at the external corner. Adjust crossbar and uprights. Screw 2 hexagon socket screws DIN 7991, M8 x 20mm in the external corner (see picture bottom right) and tighten all screws.



**Advice:** Due to production tolerances of the aluminium cast corner joints problems during adjustment of corners may possibly occur. Then shorten the stamps in the uprights with a flat file.

- b)** 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 (see picture bottom right).



### 3. Assembly of the net

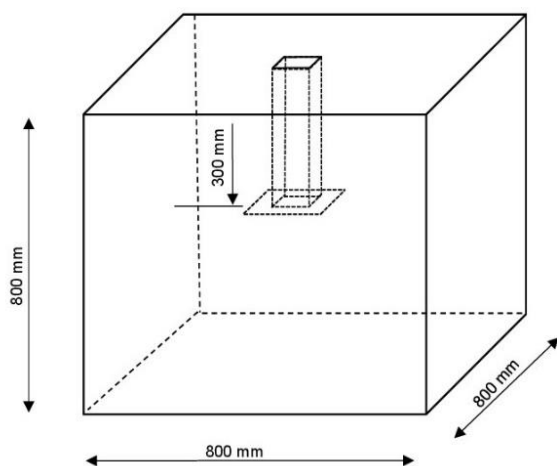
- a) The net is not part of the delivery.  
Fix net holders at the net rope. Bend open net holders a little and press rope into the holders. We recommend the following distribution of net holders:  
crossbar : 16 pieces  
uprights : 8 pieces each
- b) After having mounted all net holders fix net at the goal construction. 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).



- 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.

### 4. 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.

## 5. 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 over-turning 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!