

**Assembly instruction**  
**PROTECT small training goal**  
**1.80 x 1.20 m**  
**Cat.-no.: D5124**



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

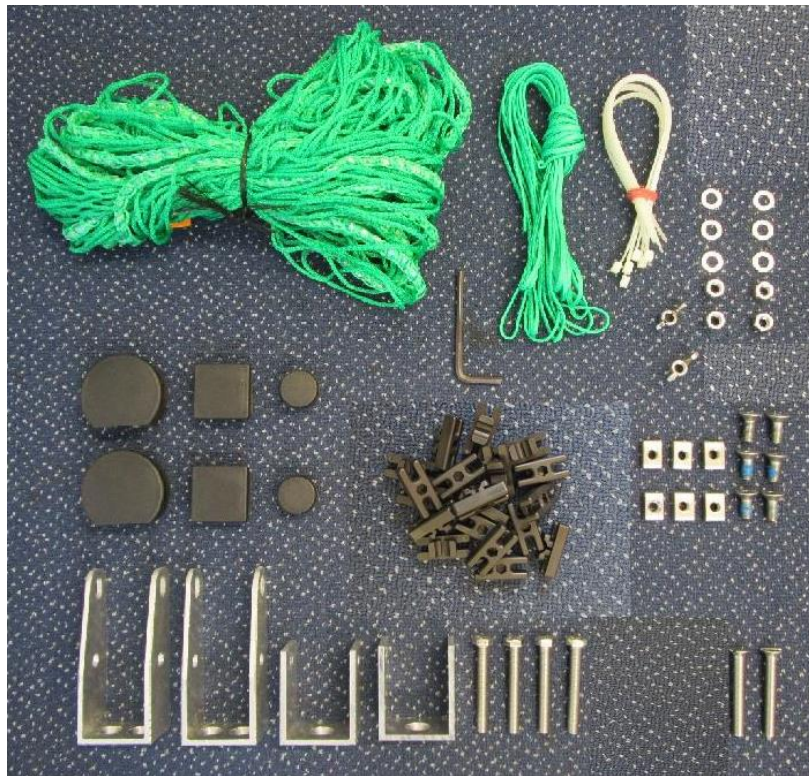
**1. Scope of delivery:**

Please check the following content before assembly.

**Pictures of net are only samples. Mesh size and colour may differ from delivered net.**



Piece	Description
1	bar/upright construction
2	net hoop
1	accessories and net



Accessories:

Piece	Description
25	net holder
2	bottom hinge (U-profile 60 x 50 x 60 x 4, length 40 mm)
2	top hinge (U-profile 115 x 50 x 115 mm, length 40 mm)
2	upright's cap 80 x 40, black
2	plastic cap, black, 40 x 40
6	nut 20mm, M 8
4	hexagon screw DIN 933, M 8 x 60
6	safety hexagon socket screw DIN 7991, M 8 x 16
2	slotted countersunk head screw DIN 963, M 8 x 60
4	self-locking cap nut DIN 986, M 8
6	washer DIN 125, 8.4 Ø
2	wing nut DIN 315, M 8
2	plastic stopper Ø 28 mm
6	cable clip, long
1	hexagon screwdriver
1	net with fixing cord
1	assembly instruction

## 2. Assembly of the goal:

We recommend to mount the goal on the grass or on a suitable surface to avoid damages of the profiles. It is recommended to wear gloves maybe to protect the hands.

The following tools are necessary:

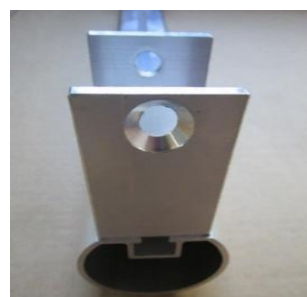
- 1 wrench/ring spanners 10 mm and 13mm
- 1 mallet/hammer

- Lay bar/upright construction on the ground with guide rail showing upwards.
- Stick from the bottom (upright's end) 2 nuts 20 mm, M 8 each in the guide rail of the upright and push them to the top.

Lay upper hinge with 2 fastening boreholes under the 90° elbow (at the top). Please consider that the inclined side of the hinge points to the goal inside. Push nuts 20 mm, M 8 below the boreholes of the hinge and tighten it with safety hexagon socket screws DIN 7991, M 8 x 16.



- To fix the lower hinge stick from the bottom (upright's end) 1 nut 20 mm, M 8 each in the guide rail of the upright. Mount lower hinge with 1 fastening borehole. Please consider that the inclined side of the hinge points to the goal inside. Push nut 20 mm, M 8 below the borehole of the hinge and fix it at the upright with safety hexagon socket screw DIN 7991, M 8 x 16.



- d) Beat cap 80 x 40 into the upright (use a mallet if necessary), adjust lower hinge and tighten fixing screw. Take care that the hinge at the bottom is flush with the upright's cap.



- e) Fix net hoops in the hinges. Take care that the end of the net hoop with 2 boreholes (round tube) is fixed in the upper hinge and the end with 1 borehole (square tube) is fixed in the lower hinge. Boreholes of hoops have to be congruent with boreholes of the hinges.



- f) Fixing of the hoop at the upper hinge:  
Stick from the top hexagon screw DIN 933, M 8 x 60 through the first borehole of hinge and hoop. Then add washer DIN 125, Ø 8.4 mm at the hinge lower side, screw one self-locking cap nut DIN 986, M 8 only so tightly that the net hoop can still be folded.
- Fixing of the hoop at the lower hinge:  
Stick from below slotted countersunk head screw DIN 963, M 8 x 60 through hinge and hoop. Then add washer DIN 125, Ø 8.4 mm at the hinge upper side, screw one self-locking cap nut DIN 986, M 8 only so tightly that the net hoop can still be folded.



- g) Beat 1 plastic cap 40 x 40 each into the net hoop ends (back of square tube).



- h) Press net hoop to the outside. Stick from the top hexagon screw DIN 933, M 8 x 60 through the 2<sup>nd</sup> borehole of the upper hinge and the hoop. Then add washer DIN 125, Ø 8.4 mm at the hinge lower side and screw wing nut DIN 315, M 8.



### 3. Assembly of the net:

Make sure that the groove of the goal is clean and all packing material or other material is removed so that the assembly is possible without any problems.

- a) Now fix and adjust the net rope in the groove. Then stick net holders with its clips into the groove and fix them with a 90° rotation. Fixing is either possible manually, with the key for hexagon socket screws or with a pliers (see bottom pictures). Distribute net holders equally (same distances).

We recommend the following distribution of net holders:

crossbar	: 10 pieces
upright	: 7 pieces each

Use all the other included net holders for the door corners and other connections.



Cut the attached cord in half so that there are 2 short cords. Pull the cord through each net meshes and fix it on both net hoops, if necessary lead it through the bore in the net hoop.

Dismantling of the net is also done by rotation of the net holders through 90 degrees.

- a) Fix net at the bottom of net hoops with 3 cable clips.  
Cut projecting parts.



#### 4. Storage of the goal:

To save space during storage unscrew wing nuts of the upper hinges and remove screws. Now the net hoops can be folded.

Then screw again wing nuts and screws slightly into the 2<sup>nd</sup> borehole of the upper hinges so that they don't get lost.

#### 5. Ground fixing:

The ground bars are equipped with boreholes of 25 mm which serve to fix the special anchoring systems for the goal. Different systems are available (**see Kübler accessories**). The anchoring system is not part of the delivery. The use of the goal without corresponding anchoring system is at your own risk.

If you do not use any anchoring system close both boreholes with the supplied caps for safety reasons. Use a mallet if necessary.

## 6. Maintenance, safety and storage instructions:

Check screwed fastenings regularly and change damaged and wearing parts if need be.

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

**This goal is constructed only for soccer matches and not for other purposes. Check all screwed fastenings before use and repeat it from time to time.**



**It has to 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 DIN EN 16579).**

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!

## 7. Inspection and maintenance:

- a) Visual inspections should routinely be realized before each use.
- b) Functional inspections should take place at least every six months or according to manufacturer's instructions/national regulations/standard specifications.
- c) A general inspection should be realized at least once a year or according to manufacturer's instructions/national regulations/standard specifications. The results should be documented correspondingly. The following table shows an example of an inspection sheet.

### Inspection sheet for goals

	Identification number of goal		Position of goal	
Date	Kind of inspection/maintenance  Audit/maintenance level or otherwise	Statements	Measures taken	Checked by
Goal size		Kind of goal		
Manufactur		Date of manufactur		
Date of purchasee		Supplier's information for spare parts		
Date of inspection/maintenance/repair:				
Nature of ground and current weather conditions:				
Result of the inspection (passed/failed):				
Necessary measures:				
Rechecked by:				

The general inspection has to be realized according to E.3 (table E.2) EN 16579.