

## KLP<sup>®</sup> (Hollow) Pile Heads



The **KLP<sup>®</sup> Hollow Pile Head** & **KLP<sup>®</sup> Pile Head** are the alternative to wooden foundation poles for piers and mooring posts. The KLP<sup>®</sup> (Hollow) Pile Head is a perfect maintenance free attachment to wooden poles, because no rotting takes place at the interface between air and water. The combination of wood and plastic also results in a very rigid foundation pole and gives you a cost-conscious solution. The expected technical lifetime of the KLP<sup>®</sup> (Hollow) Pile Head is at least 50 years.



KLP<sup>®</sup>, made from recycled plastics, is sustainable, does not rot or splinter, does not require maintenance and can be easily cleaned. KLP<sup>®</sup> products contribute to a cleaner environment: they are made from 100% recycled plastics and are not chemically treated in any way, therefore will not leach poisonous substances to the environment.



The **KLP<sup>®</sup> Hollow Pile Head** is round and hollow at the bottom and square and solid at the top. The KLP<sup>®</sup> Hollow Pile Head can be slid onto the timber pole and be pushed into the soil using a vibrating pile hammer. The solid **KLP<sup>®</sup> Pile Head**, with round bottom and square top, is mounted and attached onto the timber pole using a steel sleeve. The timber pole will be positioned at least 1 metre under water in both cases and the KLP<sup>®</sup> (Hollow) Pile Head will be above the waterline.



*KLP<sup>®</sup> Pile Heads*



*KLP<sup>®</sup> Hollow Pile Heads*



*Durable & Environmentally friendly*

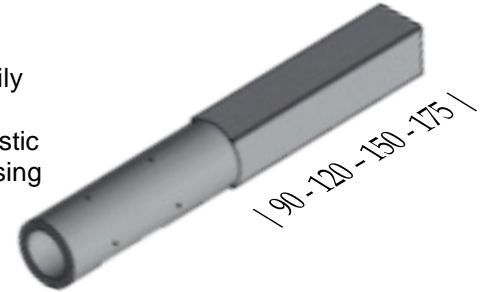
## **KLP® Hollow Pile Heads** (bottom part is hollow)

20 x 20 x 90/170 cm  
20 x 20 x 120/200 cm  
20 x 20 x 150/230 cm  
20 x 20 x 175/255 cm

Bottom part inside: Ø 18,3 x 74cm for timber post with head diameter Ø 18cm (timber pole goes into hollow part).

### Application of the KLP® Hollow Pile Head:

- The KLP® Hollow Pile Head can be slid onto the timber pole on-site.
- The timber pole can be attached to the plastic pile head by means of 4 hanger bolts, so that the whole pile can be easily placed under the crane.
- The combination of timber pole and plastic pile head can be pushed into the soil using a vibrating pile hammer.



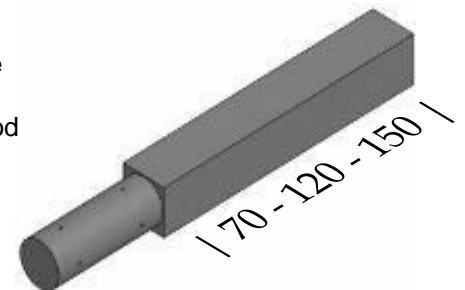
## **KLP® Pile Heads** (bottom part is solid)

19,5 x 19,5 x 70 cm  
19,5 x 19,5 x 120 cm  
19,5 x 19,5 x 150 cm

Solid bottom part outside Ø 18,5 x 50cm for timber post with head diameter Ø 18cm (timber pole goes into supplied steel sleeve).

### Application of the KLP® Pile Head:

- First the timber pole is placed or piled until the pole protrudes approximately 50cm above the water.
- Then the steel sleeve with the KLP® Pile Head is placed on the timber pole.
- The installation is fixed using drawn wood screws through the holes in the steel sleeve and the timber pole.
- The whole construction can then be properly adjusted.



### Advantages of KLP®:

- Sustainable
- Environmentally friendly
- Maintenance free
- Easy to process
- No rotting or splintering
- Recyclable
- UV, water and weather resistant
- Expected technical lifetime > 50 years

**Durable & Environmentally friendly**