**KLP® (Hollow) Pile Heads**

The **KLP® Hollow Pile Head & KLP® Pile Head** are the alternative to wooden foundation poles for piers and mooring posts. The KLP® (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® (Hollow) Pile Head is at least 50 years.

KLP®, made from recycled plastics, is sustainable, does not rot or splinter, does not require maintenance and can be easily cleaned. KLP® 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® Hollow Pile Head** is round and hollow at the bottom and square and solid at the top. The KLP® Hollow Pile Head can be slid onto the timber pole and be pushed into the soil using a vibrating pile hammer. The solid **KLP® 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® (Hollow) Pile Head will be above the waterline.

*KLP® Pile Heads*  
*KLP® Hollow Pile Heads*  

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**Durable & Environmentally friendly**

www.lankhorst-recycling.com
**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® Hollow Pile Heads**
(bottom part is hollow)

<table>
<thead>
<tr>
<th>Size</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 x 20 x 90/170 cm</td>
<td></td>
</tr>
<tr>
<td>20 x 20 x 120/200 cm</td>
<td></td>
</tr>
<tr>
<td>20 x 20 x 150/230 cm</td>
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<tr>
<td>20 x 20 x 175/255 cm</td>
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</tbody>
</table>

*Bottom part inside: Ø18.3 x 74 cm for timber post with head diameter Ø18 cm (timber pole goes into hollow part).*

**Application of the KLP® Pile Head:**

- First the timber pole is placed or piled until the pole protrudes approximately 50 cm 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.

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.5 x 19.5 x 70 cm</td>
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<tr>
<td>19.5 x 19.5 x 120 cm</td>
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<tr>
<td>19.5 x 19.5 x 150 cm</td>
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</tbody>
</table>

*Solid bottom part outside Ø18.5 x 50 cm for timber post with head diameter Ø18 cm (timber pole goes into supplied steel sleeve).*

**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**