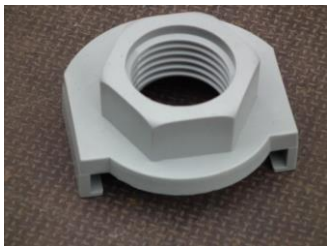
Assembly Guidelines

Components

Double module

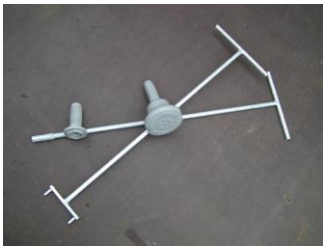
Single module



Slide nut

Spacer disc

Internal connector pin



Assembly tools

External connector pin

Assembly

The 'dots' numbered 1, 2 ,3 & 4 at the corners of each module relate to the height of the connecting tabs – when the modules come together correctly and the tabs overlap each other, the lowest number should be at the bottom and the highest on top.

The sequence runs 1-2-3-4 anti-clockwise. Getting this sequence correct ensures that the pontoon surface will be level and that the structure will be rigid.

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1. Lay modules on floor, ensuring that all the dots 1 & 2 are along one edge of the pontoon with 3 & 4 on the other edge. On the sides, you will have dots 1 & 4 on one side and 2 & 3 on the other. Leave a gap of c.200 mm between each row so that the slide nuts can be fitted to the tabs.

2. Push a 'slide-nut' (with thread block down-most) on to the lowest tab on each joint and slide each row of modules together.
You should now be able to screw 'internal connectors' through the tabs and engage the slide-nuts underneath.
Tighten by hand only at this stage.

3. Fit 'external connectors' through the tabs on the outside edges.
On one side tabs 1 & 4 will be together – use two 'spacer discs' fitted between the tabs to ensure that the pontoon surface remains level.
On the other side tabs 2 & 3 will be together – no spacer discs are required here.

4. Continue to assemble the whole dock in this manner, but only screw connectors in a couple of turns by hand. Tightening can be completed once you are sure the entire structure has been assembled correctly.

5. The stanchion holders are passed through the external connecting bolts (previously tightened fully) and fastened from underneath with the bolts provided. The inner end of the arm is secured underneath the Internal connecting bolt.
To ensure that all stanchions will be vertical, the external bolt (depending on location) might need one or two Spacer Discs inserted underneath its head to simulate a finished height equivalent to tab 4.

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6. Fit the stanchion post uprights in to the sockets.
Pass lengths of tubing through the uprights as required.
Tighten the grub screws in the stanchion holders once all of the horizontal tubes are in place.
Tighten the grub screws in the stanchion posts which lock the horizontal rails in place.

7. Fit the mooring rings and cleats through the external connector pins – use a 30 mm spanner and one of the 'T'-bar tools through the ring to prevent it from turning.
Secure from underneath with a washer & Nyloc nut.

8. Using the two 'T'-bars provided, firmly tighten up all the fittings.
Tighten all of the external fittings first (ensuring that the tool is fully engaged – failure to do so can cause the splines inside the bolts to be ripped out) followed by the internals.
A second tightening of the internal fittings once the dock is afloat will make the dock even firmer.

9. Use the mooring rings with shackles and chains, ropes or ratchet straps to secure the dock to the existing jetty or quay.

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