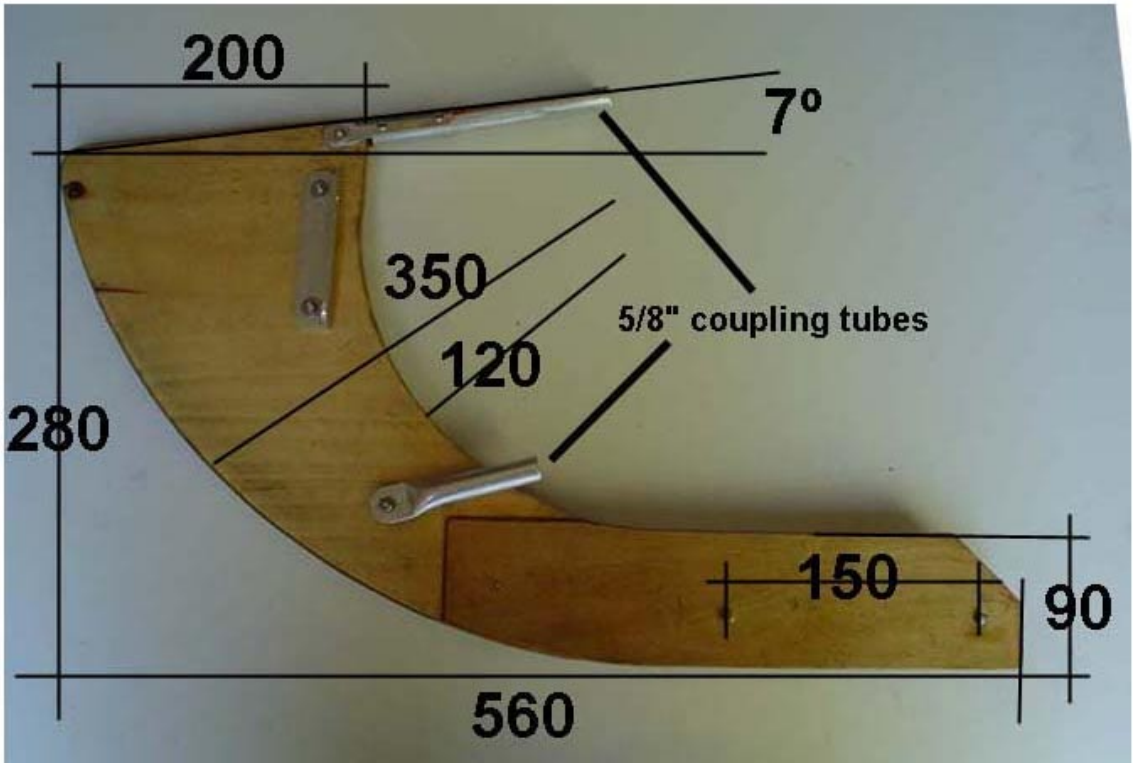
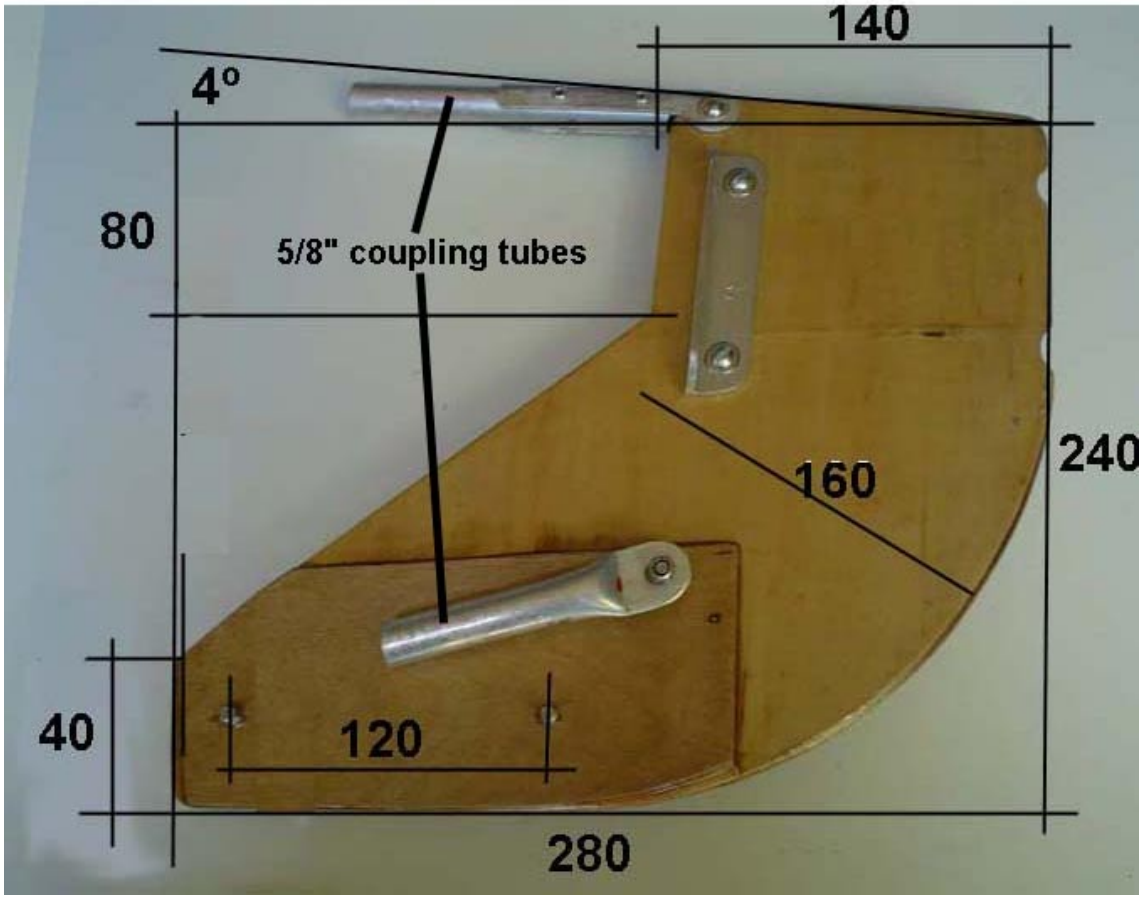
Bow plate

Measures in millimeters.

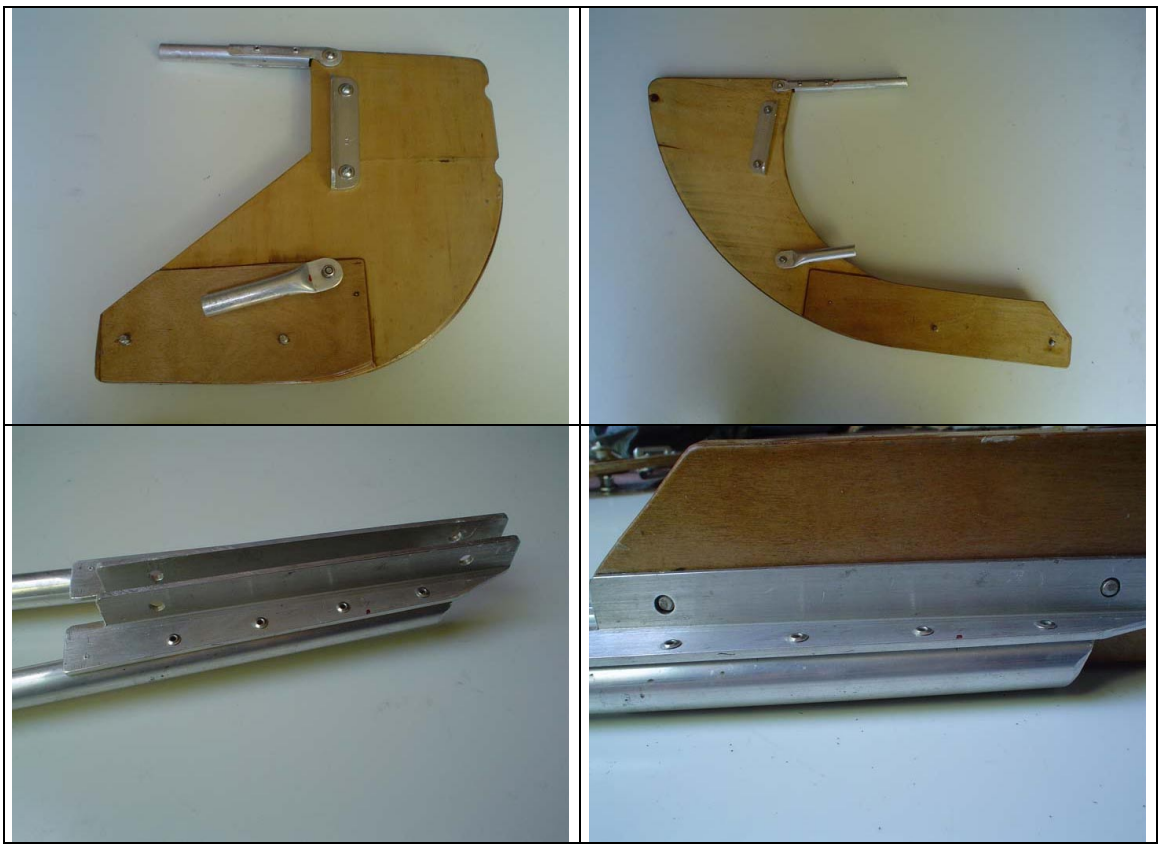


STERN PLATE

Measures in millimeters



Both pieces have a reinforcement plywood plates 0.10 " thick, epoxy glued in both lower sides. The connection to the keel is trough two 1/4" threaded rods, which protrude from the wood about 5 mm each side. To fix the rods to the bow and stern, thread the holes in the plywood, thread the rods on the wood and glue its with epoxy glue.
These rods are receipted in holes on aluminum angles in the keel, both in bow and stern. No nuts are necessary. (see pics) To put the bow when assembly the boat, simply flex the keel tubes to open the groove and insert the bow. Follow the same procedure with the stern.



The chine tubes and the deck stringers tubes, fit in 5/8" diameter tube pieces bolted to both, bow and stern plates. Note the fitting I built to fix the deck stringer to bow and stern. These pieces are built with 5052 aluminum sheet 1.5 mm thick.
The chine fittings are fixed to plywood with threaded rods which pass through the plywood and are fixed to the plates with nuts. Put washers between nut and wood. Then the 5/8" fittings are locked in place with locking nuts. The deck pieces are fixed simply with bolts and nuts.
NOTE: I used stainless to all bolts, nuts washers, etc.

RIB FITTINGS

Rib to gunwale fittings:
You must build 14 like the drawing. The material used is 5052 aluminum alloy sheet. These fittings are fixed to the ribs with 5/32 screws washers and nuts . Don't fix these fittings yet as the exact position will be determined latter.

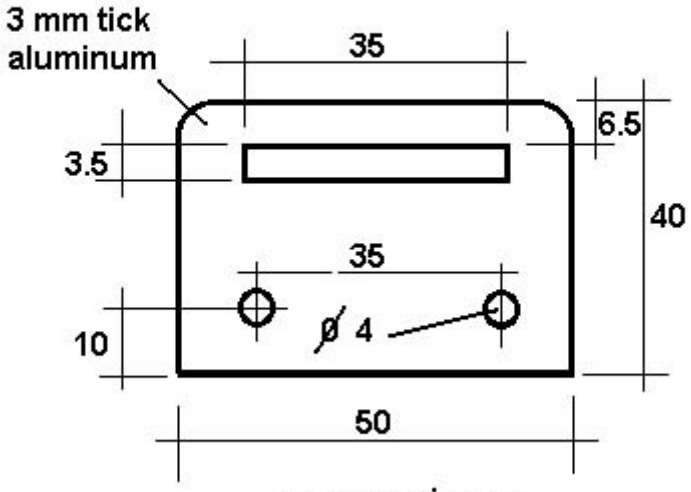
Rib # 6 to deck stringer fitting:
You must build only one like the drawing with 5052 aluminum.

Rib # 2 to deck stringer and mast support fitting.
You must build only one of it like the drawing. The material used is soft sluminum.

NOTE: drawings not to scale.

Rib to gunwale fiting

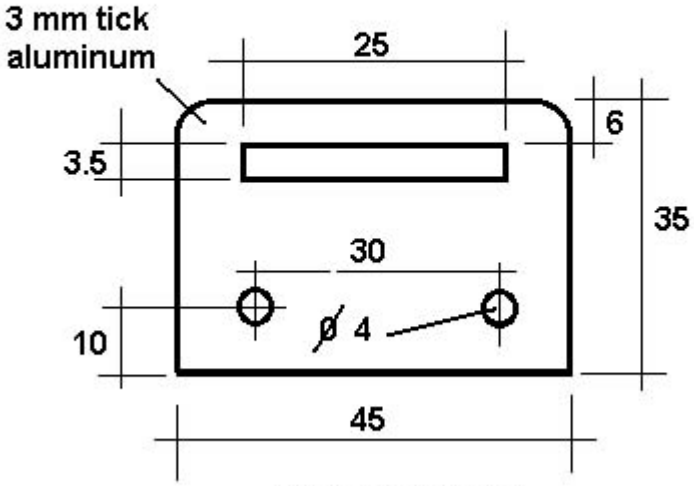
Build 14



measures in mm

Rib # 6 to deck stringer

Build 1



measures in mm