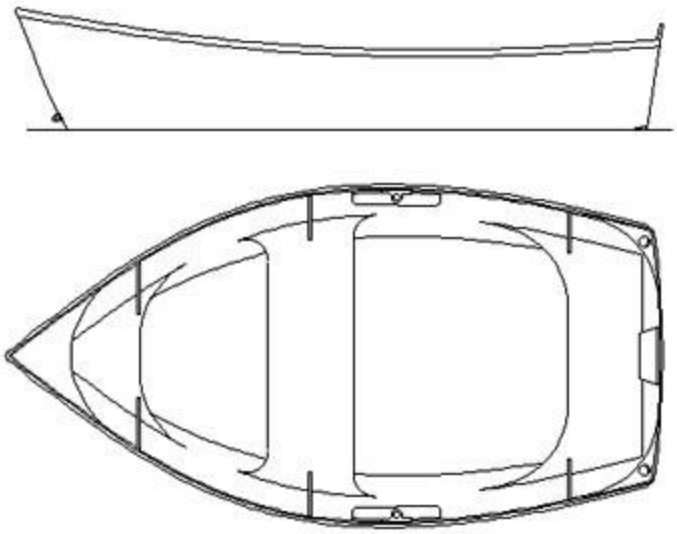

This design is based on the dinghy of a friend, a long range cruiser. Jose had the only boat flying Azorean flag and a small but very cute dinghy. He carried the dinghy on deck and while she is a light boat easy to launch and retrieve, she has sufficient buoyancy to move anchors around in case of need. The Nutshell has less capacity than the D4 or PK78: the ideal crew is one person but she can carry some passengers if they are careful and distribute their weight properly. Besides rowing well with one person on board, she has other advantages: she is very easy and fast to build, there are no butt joints.

Builder threads on our forum:

Robertnr6
LBrewer
PaulMcClure
Lackofdsistinction
BradF
Billthecat

Specifications:		
LOA:	7' 6"'	2,30 m
Max. Beam:	4'	1,20 m
Max. HP:	2 HP	outboard
Designed weight:	52 lbs.	24 kg
Material:	Stitch & Glue	

Building method:
This boat is built from flat plywood panels assembled with epoxy-fiberglass tape. The construction method is called "stitch and glue". For a detailed description of the stitch and glue boat building method, see our "How To" section where you will find a complete illustrated tutorial as well as information about epoxy, fiberglass and plywood.

Required Skills:
The Nutshell is very easy and fast to build, there are no butt joints. The sides are cut from one standard sheet of plywood.
She is one of the easiest boat to build: Nutshells were successfully completed by crews as young as 10!

No woodworking skills or special tools are required.

Options:
There is no sail option for the Nutshell

Bill Of Materials:
(Excerpts from our BOM)
The BOM list materials based on our standard layout and includes a 15% waste factor for resin and fiberglass. For plywood, we use standard sheets 4' x 8' (122 x 244 cm). Please read the building notes and see the plans for detailed specifications.
This boat can be built from inexpensive exterior plywood since it is completely coated with epoxy resin.

Plywood 4x8' (122x244cm)		
1/4" (6mm)	2	
3/8" (9mm)	1.5	
Fiberglass (totals)		
Woven tape	50 yards	45 m
Resin		
Epoxy, total	1.5 gallons	6 liters

Labor:
The average construction time for the hull is 25 hours.

More:
Visit our message board, help pages, tutorial pages and read our FAQ: most questions are answered there.

Plans Packing List:

- 5 Detailed drawings, large scale with all dimensions required to cut the sides, bottom and the bulkheads from flat plywood sheets: no lofting, no templates required.
- Full size patterns for the sides*, transom and frames. The bottom is scribed from the assembled sides.
- Building notes including a detailed description of the assembly sequence and building tips
- A Bill Of Materials
- Help files reference list and more.