



Notes:

Ballast keel is cast in Grey Cast Iron. Volume is 0.212 cu m. to give a finished weight of approximately 1560 kg.

Keel bolt holes tapped M20, except final aft bolt which is tapped M16. Bolt holes 55mm deep, with minimum tapped depth of 45mm. Keel bolts are Grade 316 stainless steel studs threaded into tapped holes in keel with thread sealant (such as "Loctite"). Bottom thread length on studs is 40mm. Top thread length is 50mm.

DO NOT use continuously threaded bar for keel bolts; bolts must be plain shank where they pass through the wood keel and backbone.

M20 keel bolts pull up with hex full nuts on 45 x 45 x 3 square plate washers on inside of laminated backbone.

The very aft M16 keel bolt passes right through the keel girder and pulls up on a 40 x 40 x 3 square plate on top of the girder.

- General Notes:**
1. All dimensions are in millimetres unless otherwise noted.
 2. The Zero Point is the intersection of the Datum Water Line (dwl) with the stemface.
 3. Positions are measured fwd and aft (marked "-") of the Zero Point.
 4. Heights are measured above and below (marked "-") the dwl.
 5. Offsets are measured each side of the fore-&-aft centreline (marked "c" or c/line).
 6. Waterlines are designated "wl" followed by their height.
 7. Buttocks are designated "b" followed by their offset.
 8. Diagonals are designated "d" followed by their start height on the centreline and their angle to it.
 9. Offsets on diagonals are measured down the angle of the diagonal.
 10. Offsets are to inside of skin unless noted otherwise.

 Whisstock boats and boat plans	support@whisstock.com	
	Boat 067 Standard Deep Ballast Keel	
Scale	1/10	
Date	20/09/2008	
Plan No.	067/005/07	
Issue No.	01 web	
Drawing Size	585 x 305 - 23" x 12"	
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