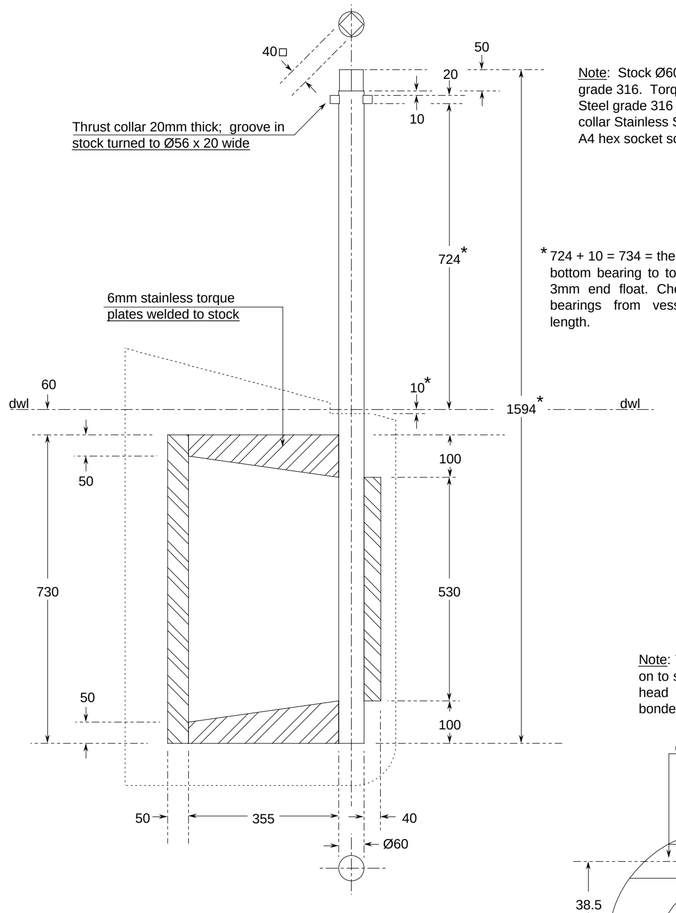
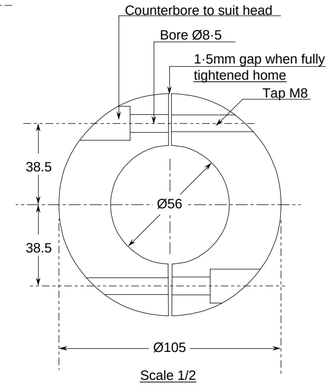


Note: Stock Ø60mm true bar Stainless Steel grade 316. Torque plates 6mm Stainless Steel grade 316 welded to stock. Thrust collar Stainless Steel grade 316 with grade A4 hex socket screws.

* 724 + 10 = 734 = the dimension from underside of bottom bearing to top face of top bearing PLUS 3mm end float. Check dead length of tube + bearings from vessel before finalizing stock length.

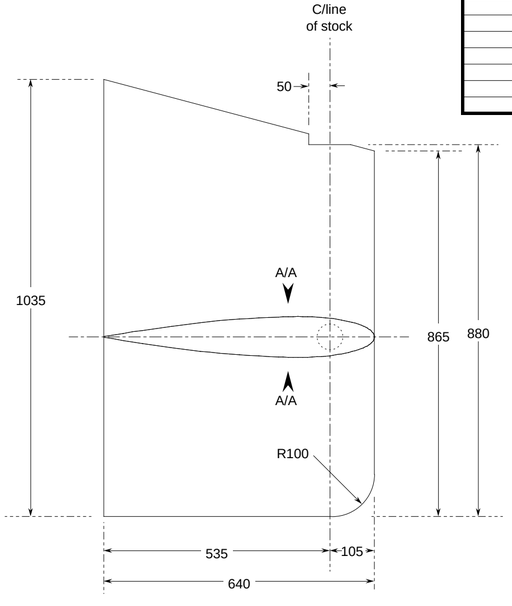
Note: Thrust collar is tightened on to stock by 2 off M8 cheese head hex socket screws, bonded with "Loktite".



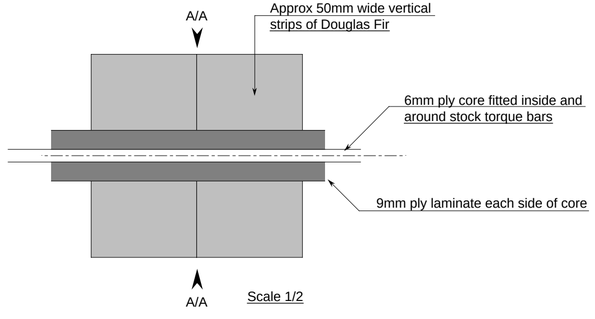
Scale 1/2

THRUST COLLAR

Shape of Rudder Blade	
Distance back from leading edge	Offset (half-breadth)
0	0
8	15
16	21
32	28
48	34
64	37
96	43
128	46
160	48
192	48
256	46
320	42
384	37
448	29
512	21
576	12
608	6
640	1



Note: Rudder blade made of 1 off 6mm + 2 off 9mm ply cores + approx 50mm wide Douglas Fir strips running vertically. All material WEST™ bonded. After cleaning off to profile shape, WEST™ coat minimum 3 coats, incorporating glass cloth in second WEST™ coating.



Scale 1/2

CROSS SECTION SHOWING STRUCTURE OF RUDDER BLADE

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 "℄" 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.

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Boat 067
Rudder &
Rudder Stock

Scale	1/10 & 1/2
Date	20/09/2008
Plan No.	067/008/01
Issue No.	01 web
Drawing Size	585 x 305 – 23" x 12"