



QUALITY AND SERVICE

Our standard propellers are manufactured according to standards ISO484-2 and ISO484-1 in tolerance Class 2.

We can offer these propellers with tighter tolerances, Class 1 or Class S upon request.

All our propellers are statically and could be dynamically balanced for specific applications (high speed) or on request.

If required, we can manufacture propellers following standards form classification societies standards (Bureau Veritas, Lloyd's Register, ABS, RINA, RMRS, etc ...).

We take care of:

- ➔ Propeller design according to the applicable norms
- ➔ Submission of drawing for approval by the classification society
- ➔ Provision of a 3.1 or 3.2 material certificate for factory inspection
- ➔ Final plant inspection with the classification society
- ➔ Provision of inspection certificate from classification society



All propellers are marked with a unique serial number, enabling complete traceability of the latter, both on the quality of the material as its design.

MATERIAL

Our standard propellers are made of manganese-bronze (HTB1) for pleasure applications or when high resistance to electrolytic phenomena and cavitation is not especially required.

For professional applications or for aluminum hulls we offer our range of propellers in Aluminium Bronze (AB2). This material allows:

- ➔ To reduce blade sections to increase the efficiency of the propeller
- ➔ To absorb more power with equal section from its high mechanical properties
- ➔ To resist much more electrolysis phenomena due to its specific chemical composition

Although these two materials cover all marine applications, on request we can produce aluminum propellers or stainless steel.



Germanischer Lloyd





HYDRASAIL 2.35



DIAMETER		PITCH (Inch)		SHAFT Ø	Ref.
Inch	mm	MIN	MAX	MAX mm	
12	305	6	10	25	HJB120
13	330	7	10	25	HJB130
14	356	7	11	30	HJB140
15	381	8	12	30	HJB150
16	406	8	13	30	HJB160
17	432	9	14	30	HJB170
18	457	9	14	40	HJB180
19	483	10	15	40	HJB190
20	508	10	16	40	HJB200



Other dimensions on request

The cruising sailors' propeller. Its skewed sections are designed to reduce vibration. The HYDRASAIL offers a similar performance under power to a conventional 3 blades propeller, but due to its reduced blade area a larger size must be used. The optimum size for your vessel can be easily calculated by our design department. The HYDRASAIL is manufactured from high tensile manganese bronze or nickel aluminium bronze.

SUPPLEMENTS :

- Aluminium Bronze Material
- Non standard pitch/diameter ratio
- Special Boss
- Non Standard hub diameter
- Non standard blades thickness
- Extracting Holes
- Cup or skew on typ D - H or R

THE CRUISING SAILORS' PROPELLER