



## QUALITY AND SERVICE

Our 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.





## KAPLAN PROPELLERS

FOR NOZZLES

Kaplan propeller is designed especially for trawlers, pushers, and all ships in which a nozzle is located to give a greater thrust than an «open water» propeller. This type of propellers increases from 25 to 35% thrust on trawlers.

The nozzles can be made of steel or epoxy depends of the hull type and following certifications: Veritas, Germanischer Lloyds, DNV, ABS ...

Our research department is at your disposal to carry out a specific study for your application.



NOZZLES APPLICATIONS  
GREATER THRUST  
AS PER YOUR SPECIFICATIONS