



## 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.





## HYDRAPOISE 3.45

DIAMETER		PITCH (Inch)		SHAFT Ø	Ref.
Inch	mm	MIN	MAX	MAX mm	
12	305	6	9	25	<b>HJC120</b>
13	330	6	9	30	<b>HJC130</b>
14	356	7	10	30	<b>HJC140</b>
15	381	7	11	30	<b>HJC150</b>
16	406	8	11	30	<b>HJC160</b>
17	432	8	12	30	<b>HJC170</b>
18	457	9	13	40	<b>HJC180</b>
19	483	10	13	40	<b>HJC190</b>
20	508	10	14	40	<b>HJC200</b>
21	533	11	15	45	<b>HJC210</b>
22	559	11	15	45	<b>HJC220</b>
23	584	12	16	50	<b>HJC230</b>
24	610	12	17	50	<b>HJC240</b>



Other dimensions on request

The HYDRAPOISE 3.45 is ideal for low powered displacement workboats and auxiliary sail craft. The aerofoil sections are designed to give optimum performance and manoeuvrability. Manufactured from high tensile manganese bronze as standard, it can also be supplied in nickel aluminium bronze for applications where enhanced strength and resistance to corrosion are required.

### 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

**IDEAL FOR LOW POWERED  
 DISPLACEMENT WORKBOATS  
 AND AUXILIARY SAIL CRAFT  
 WHICH NEED OPTIMUM PERFORMANCE  
 AND MANOEUVRABILITY**