



## 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.





## HYDRAQUAD 4.73

| DIAMETER |     | PITCH (Inch) |     | SHAFT Ø | Ref.   |
|----------|-----|--------------|-----|---------|--------|
| Inch     | mm  | MIN          | MAX | MAX mm  |        |
| 16       | 406 | 14           | 19  | 35      | HJR160 |
| 17       | 432 | 15           | 21  | 35      | HJR170 |
| 18       | 457 | 16           | 22  | 40      | HJR180 |
| 19       | 483 | 17           | 23  | 40      | HJR190 |
| 20       | 508 | 18           | 24  | 40      | HJR200 |
| 21       | 533 | 19           | 25  | 40      | HJR210 |
| 22       | 559 | 20           | 26  | 45      | HJR220 |
| 23       | 584 | 21           | 28  | 45      | HJR230 |
| 24       | 610 | 21           | 29  | 45      | HJR240 |
| 25       | 635 | 22           | 30  | 50      | HJR250 |
| 26       | 660 | 23           | 31  | 50      | HJR260 |
| 27       | 686 | 24           | 31  | 55      | HJR270 |
| 28       | 711 | 25           | 33  | 55      | HJR280 |



Other dimensions on request

The HYDRAQUAD 4.73 has been developed to solve the vibration problems encountered in large pleasure craft when fitted with today's high horsepower engines. The four blade design gives this finely engineered propeller the acceleration of a 3 blade propeller. The HYDRAQUAD 4.73 is offered in high tensile manganese bronze or nickel aluminium bronze and should be ordered with 1" less pitch than the equivalent 3 blade propeller to maintain the same engine loading. It can also be "cupped" on the trailing edge.

### SUPPLEMENTS :

- Prix en Cupro nickel aluminium
- Ratio pas/diamètre non standard
- Cône non ISO
- Diamètre de moyeu hors standard
- Pales épaisses
- Trous d'extractions
- Réalisation de cup ou skew sur type D - H ou R

DEVELOPED TO SOLVE THE VIBRATION  
PROBLEMS ENCOUNTERED IN LARGE  
PLEASURE CRAFT WHEN FITTED  
WITH HIGH HORSEPOWER ENGINES