



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





HYDRASTAR 3.45

DIAMETER		PITCH (Inch)		SHAFT Ø	Ref.
Inch	mm	MIN	MAX	MAX mm	
30	762	18	26	70	HJL300
32	813	20	26	70	HJL320
34	864	20	28	70	HJL340
36	914	22	30	90	HJL360
38	965	24	32	90	HJL380
40	1016	26	34	95	HJL400
42	1067	26	34	95	HJL420
44	1118	28	36	95	HJL440
46	1168	28	38	100	HJL460
48	1219	30	40	100	HJL480
50	1270	30	42	115	HJL500
52	1321	32	42	115	HJL520
54	1372	32	44	115	HJL540
56	1422	34	46	125	HJL560
58	1473	36	48	125	HJL580
60	1524	36	50	125	HJL600



Other dimensions on request

Available in the size range 30" up to 96" diameter, the HYDRASTAR 3.45 is designed to give optimum performance and manoeuvrability on all types of displacement craft. The blade sections and generous hub dimensions impart exceptional strength and damage resistance. The HYDRASTAR 3.45 can be manufactured from either high tensile manganese bronze or nickel aluminium bronze.

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

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 ON ALL TYPES OF DISPLACEMENT CRAFT