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Hall \& Stavert has been producing propellers and related marine hardware for most of it's 63 year history. The original HyTorq Propeller line-up consisted primarily of a few sizes of 3-blade propellers. Today, the HyTorq line-up stands as one of the most complete propeller lines available to the marine industry. Whether for recreational or commercial use, vessel owners/operators can choose 3, 4 or 5-bladed HyTorq Propellers in most diameters from $17^{\prime \prime}$ to 48 ". Hall \& Stavert's goal is to supply high quality, reliable propellers with the ability to perform consistently under today's vigorous conditions.

Our Commitment to Quality begins long before the receipt of your order. Our raw materials are inspected and certified prior to acceptance and our personnel complete extensive training programs prior to joining our permanent workforce. This combination ensures that HyTorq Propellers exhibit the quality, value and dependability that has become not only the standard for this product but also for the entire propeller industry.

Hall \& Stavert's sales and engineering personnel will welcome any propeller sizing analysis requests and return our complete computer results as quickly as possible. All you need to do is send your completed propeller analysis form direct to us or contact one of our many HyTorq Propeller Distributors. Complete distributor listings and other HyTorq information can be obtained by contacting our website at www.hytorq.com

HyTorq MY-T3


Hardworking commercial and high speed pleasure craft have one thing in common... their need for dependable performance from their propellers. The Hytorq MY-T3 is a propeller designed with both the hard working fishing boat and pleasure craft captains in mind. Designed to handle today's high powered engines with ease... the MY-T3 has a large blade area to enhance performance and maneuverability. The blades are carefully engineered, polished and finely profiled to allow increased thickness for greater strength in critical areas, without detracting from performance.

HyTorq MY-T4


Manufactured to the same high quality standards as the three blade HyTorq, the four blade HyTorq is the right choice where either or both greater blade area and super smooth operation are desired. Th HyTorq MY-T4 was designed with today's high powered engines in mind and built to the exacting standards that make it "The Captain's Choice" whether they are boating for profit or pleasure. The HyTorq hubs are designed to have the correct lengths required for more taper contact and better load distribution along with large outside diameters streamlined for smooth water flow while accommodating the popular larger shafts.


## Propeller Shaft and Hub Bore Dimensions

To ensure interchangeability, finish bore propellers are machined to the S.A.E. standards as given below. Pilot bore propellers must be finish bored with reference to the pilot bore rather than the hub or blade tips.

Propeller Shaft End Dimensions $\quad$ aper $=3 / 4 \mathrm{in}$. on diameter per foot


* Keyway shall be cut parallel to taper

All dimensions are in inches

## Propeller Hub Bore Dimensions

Taper $=3 / 4 \mathrm{in}$. on diameter per foot


* Keyway shall be cut parallel to taper
* Keyway side depth is measured normal to axis of taper All dimensions are in inches



## Hall \& Stavert

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## MISHIMURGI

The mangance bronze alloy is"the standard "Hy"Torq" propeller metal. With a minimum tensile strength of 65,000 psi, this alloy guarantees a propeller that is dimensionally stable and easily repaired.

Where exceptional strength and durability are required, our nickel aluminum bronze may be the best. This alloy, with a minimum .tensile strength of $85,000 \mathrm{psi}$, provides excellent resistance to corrosion and cavitation erosion.

All HyTorq Propellers are available in the popular sizes in both manganese bronze and nickel aluminum bronze.

## SPECIFICATIONS

## HyTorq MY-T3

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17" | 2-1/4 | 2-1/2 | 3-1/2 | 1-1/2 | 1-1/4 | 1-1/4 | 16 | 126.6 | 333 |
| $18^{\prime \prime}$ | 2-3/8 | 2-5/8 | 3-1/2 | 1-3/4 | 1-1/4 | 1-1/4 | 17 | 141.9 | 392 |
| 19" | 2-3/8 | 2-5/8 | 3-7/8 | 1-3/4 | 1-1/4 | 1-1/4 | 19 | 166.2 | 478 |
| 20" | 2-3/8 | 2-5/8 | 4 | 1-3/4 | 1-1/4 | 1-1/4 | 21 | 175.3 | 553 |
| 21" | 2-3/4 | 3 | 4-1/8 | 2 | 1-3/8 | 1-3/8 | 27 | 202.4 | 680 |
| 22" | 2-3/4 | 3 | 4-1/4 | 2 | 1-3/8 | 1-3/8 | 30 | 212.1 | 810 |
| $23^{\prime \prime}$ | 3-1/8 | 3-1/4 | 4-1/4 | 2 | 1-1/2 | 1-3/8 | 35 | 240.6 | 1070 |
| $24^{\prime \prime}$ | 3-1/8 | 3-1/4 | 4-5/8 | 2 | 1-1/2 | 1-3/8 | 35 | 252.4 | 1220 |
| $26^{\prime \prime}$ | 3-3/8 | 3-5/8 | 5 | 2-1/4 | 1-3/4 | 1-1/2 | 50 | 296.3 | 1770 |
| $28^{\prime \prime}$ | 3-3/4 | 4 | 5-3/4 | 2-1/2 | $13 / 4$ | 1-3/4 | 57 | 343.6 | 2630 |
| 30" | 4 | 4-1/4 | 6 | 2-3/4 | 1-3/4 | 1-3/4 | 78 | 394.4 | 3520 |
| 32 " | 4-1/4 | 4-1/2 | 6 | 3 | 2 | 2 | 94 | 448.8 | 4810 |
| 34" | 4-1/4 | 4-1/2 | 6-1/2 | 3 | 2 | 2 | 107 | 506.6 | 6460 |
| 36" | 4-3/4 | 5-1/4 | 8-1/4 | 3-1/2 | 2-3/4 | 2-1/2 | 130 | 567.7 | 8910 |
| All dimensions are in inches |  |  |  |  | * denotes approx. dimensions only ** denotes approx. weight - Manganese Bronze *** denotes approx. WR^2 in air |  |  |  |  |

HyTOrq MY-T4

|  |  |  |  |  |  |  | * |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17" | 2-1/4 | 2-1/2 | 3-1/2 | 1-1/2 | 1-1/4 | 1-1/4 | 19 | 153.1 | 366 |
| $18^{\prime \prime}$ | 2-3/8 | 2-5/8 | 3-1/2 | 1-3/4 | 1-1/4 | 1-1/4 | 19 | 171.7 | 429 |
| 19" | 2-3/8 | 2-5/8 | 3-7/8 | 1-3/4 | 1-1/4 | 1-1/4 | 21 | 202.7 | 499 |
| 20" | 2-3/8 | 2-5/8 | 4 | 1-3/4 | 1-1/4 | 1-1/4 | 23 | 212.1 | 622 |
| 21" | 2-3/4 | 3 | 4-1/8 | 2 | 1-3/8 | 1-3/8 | 28 | 238.6 | 790 |
| 22" | 2-3/4 | 3 | 4-1/4 | 2 | 1-3/8 | 1-3/8 | 31 | 256.9 | 940 |
| 23" | 3-1/8 | 3-1/4 | 4-1/4 | 2 | 1-1/2 | 1-3/8 | 39 | 288.4 | 1300 |
| 24" | 3-1/8 | 3-1/4 | 4-5/8 | 2 | 1-1/2 | 1-3/8 | 41 | 305.4 | 1450 |
| 26" | 3-3/8 | 3-5/8 | 5 | 2-1/4 | 1-3/4 | 1-1/2 | 53 | 358.4 | 2150 |
| 28" | 3-3/4 | 4 | 5-3/4 | 2-1/2 | $13 / 4$ | 1-3/4 | 66 | 415.6 | 3240 |
| 30" | 4 | 4-1/4 | 6 | 2-3/4 | 1-3/4 | 1-3/4 | 82 | 477.1 | 4230 |
| 32" | 4-1/4 | 4-1/2 | 6 | 3 | 2 | 1-3/4 | 100 | 542.9 | 5960 |
| 34" | 4-1/4 | 4-1/2 | 6-1/2 | 3 | 2 | 2 | 140 | 612.8 | 8020 |
| $36^{\prime \prime}$ | 4-3/4 | 5-1/4 | 8-1/4 | 3-1/2 | 2-3/4 | 2-1/2 | 146 | 686.7 | 11230 |
| $38^{\prime \prime}$ | 5-1/4 | 5-1/2 | 8-1/4 | 3-1/2 | 2-3/4 | 2-1/2 | 172 | 765.2 | 13750 |
| 40" | 5-1/4 | 5-1/2 | 9 | 3-3/4 | 3 | 3 | 192 | 847.8 | 17180 |
| $42^{\prime \prime}$ | 5-1/2 | 6 | 10-1/2 | 4 | 3 | 3 | 240 | 935.0 | 24400 |
| $44^{\prime \prime}$ | 5-1/2 | 6-1/4 | 10-1/2 | 4 | 3 | 3 | 282 | 1025.8 | 31500 |
| $46^{\prime \prime}$ | 5-1/2 | 6-1/4 | 10-1/2 | 4 | 3 | 3 | 304 | 1121 | 37000 |
| 48" | 5-1/2 | 6-1/4 | 10-1/2 | 4 | 3 | 3 | 340 | 1221 | 45800 |
| All dimensions are in inches <br> * denotes approx. dimensions only ** denotes approx. weight - Manganese Bronze |  |  |  |  |  |  |  |  |  |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $24 "$ | 3-1/8 | 3-1/4 | 4-5/8 | 2 | 1-1/2 | 1-3/8 | 57 | 384 | 1990 |
| 26" | 3-3/8 | 3-5/8 | 5 | 2-1/4 | 1-3/4 | 1-1/2 | 72 | 451 | 3115 |
| $28^{\prime \prime}$ | 3-3/4 | 4 | 5-3/4 | 2-1/2 | $13 / 4$ | 1-3/4 | 79 | 523 | 4967 |
| 30" | 4 | 4-1/4 | 6 | 2-3/4 | 1-3/4 | 1-3/4 | 109 | 601 | 6480 |
| 32 " | 4-1/4 | 4-1/2 | 6 | 3 | 2 | 1-3/4 | 150 | 683 | 8847 |
| $34 "$ | 4-1/4 | 4-1/2 | 6-1/2 | 3 | 2 | 2 | 180 | 772 | 11985 |
| $36^{\prime \prime}$ | 4-3/4 | 5-1/4 | 8-1/4 | 3-1/2 | 2-3/4 | 2-1/2 | 210 | 864 | 15676 |
| 38 " | 5-1/4 | 5-1/2 | 8-1/4 | 3-1/2 | 2-3/4 | 2-1/2 | 240 | 964 | 19961 |
| 40" | 5-1/4 | 5-1/2 | 9 | 3-3/4 | 3 | 3 | 260 | 1068 | 23961 |
| 42" | 5-1/2 | 6 | 10-1/2 | 4 | 3 | 3 | 325 | 1177 | 33022 |
| 44" | 5-1/2 | 6 | 10-1/2 | 4 | 3 | 3 | 370 | 1291 | 41260 |
| 46" | 5-1/2 | 6-1/4 | 10-1/2 | 4 | 3 | 3 | 410 | 1412 | 49975 |

