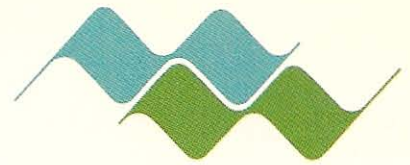




**MICHIGAN  
PROPELLERS  
OUTBOARD  
CATALOG  
1969**





## MICHIGAN WHEEL COMPANY

Born in 1903 and for 66 years dedicated to maintaining the highest standards of quality and production of the finest propellers money can buy. The largest, most modern propeller plant in the world, with more than 175,000 sq. ft. of single floor, straight flow production facilities involving very highly specialized custom designed and custom built production equipment and over 2½ miles of shelving, to accommodate stock of more than 75,000 finished propellers. Michigan has facilities for 10,000 to 20,000 semi-finished propellers . . . so that we can provide prompt shipment as needed.

Michigan makes propellers of unmatched performance in a variety of styles and types that enable a boatman to procure a wheel that is practically custom built for his craft. Michigan Wheel Company is universally recognized as the leading manufacturer of propellers in diameters up to and including 96 inches.



# features

You leave nothing to chance when you buy Michigan. Every design and every feature of these quality wheels is proven in actual use before it is offered to boat owners. Michigan Wheel Company maintains its own waterway testing laboratory on the Grand River, near the factory. Here, throughout the open water season, experienced engineers run thousands of miles of tests to prove every new propeller and new prop feature. They match each and every model of outboard motor with the propeller which gives it maximum efficiency in all phases of operation . . . including variations of boat type and size, load or purpose. The success of the Prop-Rider, cupped wheel designs and other Michigan innovations, are results of this exceptional testing and quality control procedure.

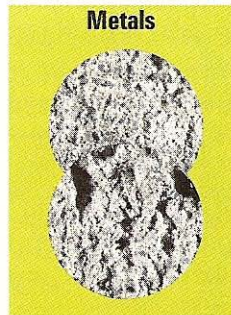
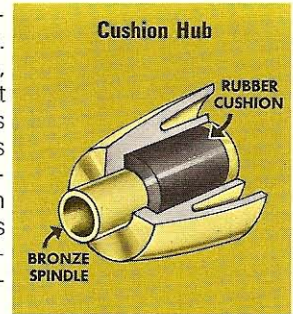
With your new Michigan Prop, you will receive a "warranty card" . . . return it and register your wheel for a full year's protection against defects in material or workmanship. Such defects are extremely rare . . . but should you find one, your wheel will be replaced free. This is proof of Michigan's consistent high quality . . . your assurance of value when you insist on a Michigan Propeller.

**WARRANTY**

Michigan propellers are warranted against factory defect for one year after date of purchase. Warranty covers defect in material or workmanship. The warranty is void on propellers altered or those having been repaired.

A propeller subject to warranty will be replaced at "no charge" to the customer on return of the defective propeller prepaid to the factory. This guarantee shall be effective only provided the registration certificate attached is properly filled out and returned to Michigan Wheel Company, 1501 Buchanan, Grand Rapids, Mich. 49502, within 10 days from date of purchase.

An important protection feature on propellers used with most gear shift motors. In shifting, with most modern motors, gears are subject to shock . . . as a result most engine makers provide propellers with built-in shock absorbing cushions in the hub, to prevent breakage. In designing replacement props, Michigan works closely with these manufacturers to match, and often excel, original equipment, providing the strongest, unbreakable cushion hubs in the industry.



For super strength and ready repairability, all Michigan wheels are cast of superior virgin alloys formulated by our renowned metallurgists.

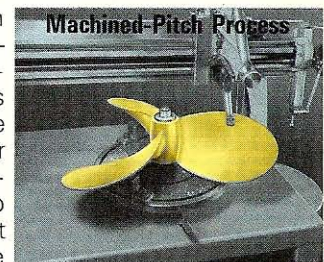
Michigan HI-STRENGTH ALUMINUM is an exclusive Michigan alloy. Tensile strength: 40,000 lbs. P.S.I.; yield strength: 20,000 lbs. P.S.I.; elongation 9%, salt water resistant. Far superior . . . the only aluminum that gives satisfaction under the severe service conditions of large, hi-powered motors. You can see why when you compare the magnified

cross-sectional photos of a typical die-cast propeller and Michigan's sand-cast aluminum prop alloy. Far greater density of the Michigan metal is proof of its superior strength.

MICHALLOY-K® BRONZE is so strong that propellers of this metal are guaranteed for life against blade breakage at the hub. Tensile strength: 72,000 lbs. P.S.I. minimum; yield: 35,000 lbs. P.S.I. minimum; elongation: 27%. Over 1 million bronze outboard propellers for gear shift motors sold in recent years. Distinct advantage of great initial impact strength keeps damage to a minimum . . . a safety factor.

No aluminum alloy is used in the marine field having physical properties equal to Michalum—though it cannot have properties equaling Michalloy-K Bronze.

Michigan's exclusive machined-pitch process assures absolute, unprecedented accuracy in propeller construction. Marine architects, boat builders and owners recognize that perhaps the most important factor in top propeller performance, besides design, is ACCURACY. Michigan engineers long ago realized that, to produce the finest propellers, it was essential to eliminate all human variables and substitute unerring machine accuracy. After extensive research, Michigan Wheel developed the helical planer, shown above, which carves the original wood patterns of all Michigan propellers, and machines each of the permanent metal patterns with pinpoint accuracy, a critical initial step in the production of absolutely accurate propellers.



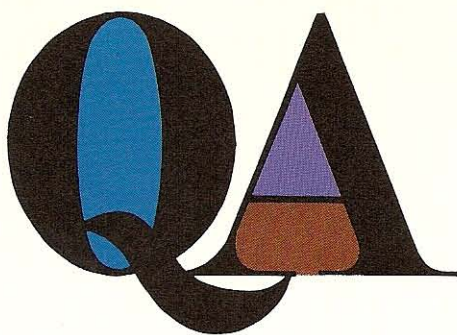
**1. What prop should I use with my boat and motor?** First determine how the boat will be used, or what the normal load will be. If this boat usually operates with one specific passenger load, propeller size selection is relatively easy. If it has multiple uses ranging from light to heavy loads, the selection of one or two propellers for best results may be necessary.

**2. Why change propellers?** Stock propellers furnished with most outboards are a compromise. Since they have a fixed diameter and pitch, they are limited in use and do not provide satisfactory performance under all the variations of hulls and loads. Note: the propeller not only moves the boat but it also regulates engine RPM, and horsepower is directly related to RPM. The engine has a horsepower rating, but in most instances the full benefit of the horsepower is never realized. Equal emphasis should be placed on the RPM at which the horsepower is attained. This is where the propeller comes into the picture. Outboards are designed to be run at peak RPM for full efficiency. Excessive RPM with increased friction and wear is harmful. It is equally as bad to run the engine so overloaded that it cannot achieve its rated RPM. This results in excessive carbon buildup in the cylinders, poor fuel economy, pre-ignition, frequent spark plug failure, scoring of cylinder walls and burned pistons.

**3. What are diameter and pitch?** These are the two common propeller measurements. If a propeller is specified as 10 x 12 size, this indicates it is 10" diameter by 12" pitch. Dimensions are always given in this order. Diameter is determined by doubling the distance between blade tip and center of hub. Pitch refers to blade angle. In this example the 12" pitch indicates that with each prop revolution the boat theoretically would advance 12". Due to slip loss, actual advance is somewhat less.

**4. Why do outboard motors of the same power sometimes take different prop sizes?** This is due to differences in lower unit gear ratios. Stock outboards are geared so that the propeller shaft turns at a slower speed than the RPM at the powerhead. This is usually expressed as a ratio such as 12:21 or 14:28, referring to the number of teeth in the drive gears. In the first example, the crankshaft gear has 12 and the propeller shaft gear has 21. This means the propeller shaft turns only 57% as fast as the indicated RPM at the powerhead.

The lower the gear ratio the larger the propeller that can be used and vice versa.



## QUESTIONS MOST OFTEN ASKED ABOUT OUTBOARDS

In other instances, engines of different makes may develop their horsepower at different RPM levels. Everything else being nearly equal, higher RPM engines require smaller props to achieve greater RPM.

**5. Can a prop change help me in water skiing?** Yes, in most cases. Original equipment propellers are pitched a little on the high-side. Not knowing the boat the engine will be used with the manufacturer pitches the prop a little high so the engine does not exceed top RPM if placed on a light boat. However, on a heavier boat, or with water skiers, this propeller tends to overload the engine, resulting in poor speed, poor acceleration and sluggish performance, making it difficult to get a skier up. This is corrected with a lower pitched prop.

**6. What is the correct transom height for my outboard engine?** On average boats it is best to mount the engine so the cavitation plate is approximately 1" below the bottom of the keel, or 1" below the bottom of boats without keel. For racing boats, better speeds can be attained by raising the engine to reduce lower unit drag and exhaust back pressure. Best transom height can only be determined by experimenting . . . get the engine as high as possible, or to the point just before propeller cavitates excessively.

**7. What is the best tilt-setting or shaft angle?** Proper tilt is extremely important, and is determined only through experimenting. In any boat the tilt-setting can change as the load changes. Tilt adjustment determines the planing angle and if improperly set the speed loss can be substantial or the boat may not plane at all. Tilting the engine in towards the

transom pulls the bow down. Tilting it away from the transom pulls the bow up. Vary the angle to find the point where the boat assumes the best planing position.

**8. Will a different prop correct bad torque action (listing and hard steering)?** Usually not. Most likely it is the result of any of several irregularities in the hull, the steering hookup or the engine mounting. Steering wheel must be properly located relative to propeller rotation. If an engine has a right hand rotating propeller, steering wheel should be on the right or starboard side. This side normally would tend to lift as the result of torque action and the driver's weight offsets it. Modern outboards have built-in features in the lower units to compensate for torque.

Engine tilt should be such that the prop is horizontal when underway. If it is up or down the propeller can have a definite pull to one side. See that engine is at exact center of the transom and is setting level. Steering linkage should have enough adequate sized pulleys, properly swiveled and with the right cable tension. Check boat bottom for warping, distortion, which could cause difficulty.

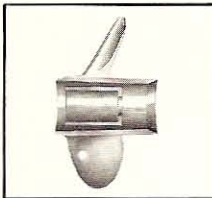
**9. Will a bronze prop hurt my motor?** No. Bronze is an ideal propeller material having numerous advantages over aluminum or die-cast material. Bronze is strong, ductile, repairable, corrosion resistant and in normal service will last the life of the motor.

Frequently you may hear that a bronze prop wears out the shifting mechanism. Shift mechanism wear and failure is not due to the type of propeller used. Most frequent lower unit failure is in the shifter dog which results from improper shifting procedure by the boat operator. Many attempt to ease an outboard into gear thinking that this is easier on the mechanism. The opposite is true. Shifter lever should be snapped into gear with some force . . . the only way the shifter dog will mesh completely with forward or reverse gear.

**10. Is it advisable to have outboard props repaired?** Depends on the material. Those made of bronze or sand-cast aluminum are repairable at about 1/3 to 1/2 the new propeller price. Die-cast propellers generally are not repairable. The material is very brittle, breaks off easily in the straightening process and will not weld satisfactorily. (Original equipment propellers are usually made of die-cast.) It is advisable to discard such propellers and replace with the more durable sand-cast aluminum or bronze.

# new bazooka-hub propellers

A great innovation in "flow-thru" exhaust hub design, which can effect speed increases over other exhaust hub propellers. No flaring or flange along the hub diameter . . . nothing to cause drag, reduce speed. Streamlining can mean a speed increase of  $\frac{1}{2}$  to  $\frac{3}{4}$  mph as a result of hub design alone . . . 2 to 3 mph increases over original equipment wheels are not uncommon, as a result of the combination of this hub design with other features of Michigan wheels. The "Bazooka" design secret is an internal flare, or venturi shape . . . which provides the cone needed for improved exhaust sucking action, without impairing the flow of water over the hub. Available in Michigan aluminum and bronze alloys, for most major engine makes.



Cutaway of Bazooka-Hub Prop shows internally flared venturi shape with no distortion of exterior hub diameter.

# prop-rider propellers

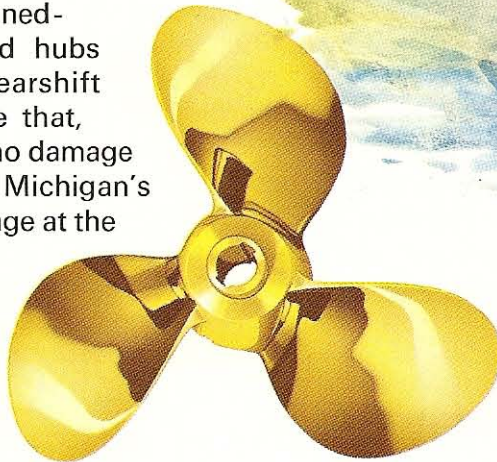
Revolutionary in design, unbeatable in performance . . . offers 2 to 3 mph speed increases, and better performance than any conventional props, on planing boats. Lightweight boats experience even more dramatic results. This previously unattainable efficiency results from a special pitch generation in which the center of pitch does not coincide with the center of rotation, producing a concave blade section. And, because of this styling, Prop-Riders can be run higher on the transom, with tilt-pin set up one notch . . . to reduce drag and add to maneuverability . . . with reduced cavitation. Prop-Riders are available in a wide range of sizes for a broad selection of engines . . . furnished in either of Michigan's durable, repairable alloys . . . Michalloy-K Bronze or Hi-Strength Aluminum.





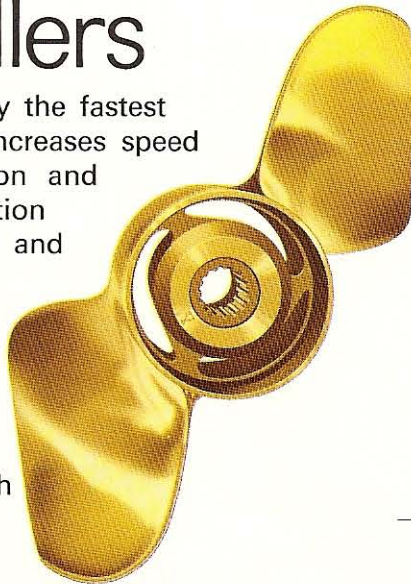
## bronze propellers

No other wheels can offer the strength and repairability of Michigan Bronze Props. Polished to mirror brightness for maximum performance . . . normally two-plus mph over die-cast props. Features: machined-pitch construction; cushioned hubs where recommended for gearshift motors; Michigan's guarantee that, when used as recommended, no damage to shift mechanism can occur; Michigan's guarantee against blade breakage at the hub, for the life of the prop; Michalloy-K Bronze construction. Virtually all Michigan designs are available in Bronze including the Prop-Rider, indicated by "PR" in part number prefix.

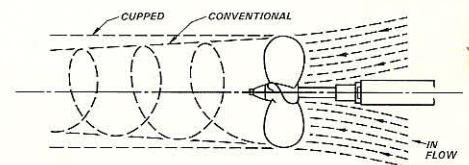


## cupped propellers

Made for light, fast hulls and undoubtedly the fastest wheels you'll ever find. Cupped design increases speed on fast bottom boats, eliminates vibration and cavitation, and provides quicker acceleration and pick-up. Cupping consists of slight and critically accurate turning of trailing edge of blades . . . increases jet stream volume and reduces slippage or cavitation. Cupped props can be run on transoms 1" to 3" higher . . . which makes for greater speed by reducing drag. Any propeller listed in this catalog can be ordered with cupped blade edges—at \$4.50 net extra charge, either bronze or aluminum.



**WHY DO THEY WORK?** The slight cupping of the trailing blade edge causes three changes in operating characteristics: 1. A cavitation suppression effect is achieved. 2. Less water slips over the blade edge, resulting in greater efficiency. 3. As illustrated, the slip stream increases to a larger cone. Movement of the larger mass times velocity results in greater thrust and speed. Because of this more effective propeller action, it is suggested that when using cupped feature the pitch be reduced 1 inch Diameters 13" and smaller. Larger sizes reduce pitch 2" to maintain same R.P.M.



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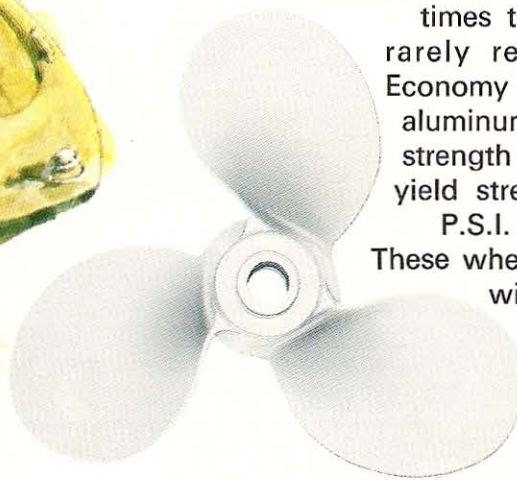
## economy propellers

From this broad line of propellers you can select a direct replacement for your original equipment die-cast wheel . . . at comparable cost, but with outstanding Michigan features such as greater strength and better repairability. Economy wheels are sand-cast aluminum, which is not brittle, as proven by the fact that the blades will bend under impact . . . this is not true of ordinary pot metal wheels which frequently have a tensile strength of not more

than 22,000 lbs. P.S.I. with ½% elongation, and which, as a result, sometimes throw blades, and are rarely repairable.

Michigan Economy Props are made of an aluminum alloy with a tensile strength of 40,000 lbs. P.S.I., yield strength of 20,000 lbs. P.S.I. and elongation of 9%.

These wheels are painted white with a very hard enamel finish and feature Michigan's super-strong Cushion hubs where required.



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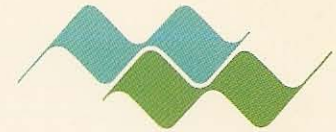
## aluminum propellers

A very wide range of styles and sizes in props at costs comparable to original die-cast wheels, but with outstanding features that only Michigan offers. Greater strength. Better repairability. Remarkable operating characteristics. Made of sand-cast aluminum, which is not brittle so blades will bend under impact . . . will not give in to strain that would break ordinary pot metal wheels which commonly have tensile strength of not more than 22,000 lbs. P.S.I. with ½% elongation, and which are rarely repairable. Michigan Aluminum Props are cast of an alloy with a tensile strength of 40,000 lbs. P.S.I., yield strength of 20,000 lbs. P.S.I., and elongation of 9%. Finish is very hard, durable white enamel.



# selector and price list

This selector and price list is arranged so that you can instantly see all models recommended for your particular installation. First, locate your make of motor, arranged in the first column, alphabetically . . . locate the model below this, and the year in the second column. In the third column you will find descriptions of boat size, style and use . . . select the description most nearly fitting your situation, and opposite this, in the remaining columns, you will see the recommended wheels in Bronze and Aluminum along with their prices.



| CHRYSLER                                      |                |  | BRONZE   |        |              |         | ALUMINUM |        |              |         |
|---|----------------|--|----------|--------|--------------|---------|----------|--------|--------------|---------|
| MOTOR & MODEL                                 | YEAR           | BOAT SIZE AND RECOMMENDATION   | PART NO. | BLADES | DIA. & PITCH | PRICE   | PART NO. | BLADES | DIA. & PITCH | PRICE   |
| 3½ HP—RPM 4000-5000                           | 64-69          | Standard Replacement   |          |        |              |         | G20      | 2      | 7½x 4½       | \$ 5.50 |
| 4.4-5 HP—RPM 4500-5000                        | 68-69          | Standard Replacement   |          |        |              |         | PC4      | 2      | 7 x 4¾       | 9.00    |
| 5½-6 HP—RPM 4000-5000<br>6 HP                 | 56-59<br>64-67 | Standard Replacement   |          |        |              |         | GC54     | 2      | 7½x 7        | 8.50    |
| 6.6-7 HP—RPM 4500-5000                        | 68-69          | Standard Replacement   |          |        |              |         | PC6      | 2      | 7½x 6¾       | 9.00    |
| 7½-9.2 HP—RPM 4000-5000                       | 56-67          | Cruisers, Houseboats, Sailboats<br>14'-16' Boats—All Loads, Skis   | AMC302   | 3      | 8 x 7        | \$13.50 | AMC320   | 3      | 8 x 5½       | 11.50   |
|   |                | 12'-14' Boats—Light Loads  |          |        |              |         | GC55     | 2      | 8 x 8        | 9.00    |
| 9.9 HP—RPM 4500-5000                          | 68-69          | Light Runabout, Light Load<br>Standard Replacement<br>14'-16' Boats—All Loads, Skis  |          |        |              |         | PC14     | 2      | 8 x 8¾       | 9.00    |
|   |                |  |          |        |              |         | PC12     | 2      | 8¼x 8¾       | 9.00    |
|   |                |  |          |        |              |         | PC10     | 2      | 8¼x 8        | 9.00    |
| 16-20 HP—RPM 4500-5500                        | 59-67          | 17'-19' Boats—All Loads, Skis<br>Standard Replacement<br>14'-16' Boats—All Loads, Skis   |          |        |              |         | AMC359   | 3      | 8½x 7½       | 15.50   |
|   |                |  |          |        |              |         | AMC365   | 3      | 8½x 8½       | 15.50   |
|   |                |  |          |        |              |         | AMC353   | 3      | 8½x 9        | 15.50   |
| 20 HP—RPM 4500-5500                           | 68-69          | Standard Replacement<br>14'-16' Boats—All Loads Skis<br>12'-14' Boats—Light Loads  | PR5      | 3      | 8½x 8        | 19.00   | AMC490   | 3      | 8½x 8½       | 15.50   |
|   |                |  | PR9      | 3      | 8½x10        | 19.00   | PR4      | 3      | 8½x 8        | 16.00   |
|   |                |  |          |        |              |         | PR8      | 3      | 8½x10        | 16.00   |
| 40-50 HP—RPM 4400-5100                        | 61-65          | 16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis   | SMC714   | 3      | 10½x12       | 24.00   | SMC715   | 3      | 10½x12       | 16.50   |
|   |                |  |          |        |              |         | SMC713   | 3      | 10½x13       | 16.50   |
| 35-45-50-55 HP—RPM 5000-5500<br>Splined Shaft | 66-69          | Cruisers, Houseboats, Sailboats<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis                             | AMC307   | 3      | 10½x10       | 24.00   | AMC308   | 3      | 10½x10       | 16.50   |
|   |                |  | PR131    | 3      | 10½x11       | 27.00   | PR130    | 3      | 10½x11       | 18.00   |
|   |                |  | PR133    | 3      | 10½x12       | 27.00   | PR132    | 3      | 10½x12       | 18.00   |
|   |                |  | PR135    | 3      | 10½x13       | 27.00   | PR134    | 3      | 10½x13       | 18.00   |
|   |                | 14'-16' Boats—Light Loads<br>Light Runabout, Light Load<br>12'-14' Boats—Light Loads   | PR137    | 3      | 10½x14       | 27.00   | PR136    | 3      | 10½x14       | 18.00   |
|   |                |  | PR139    | 3      | 10½x15       | 27.00   | PR138    | 3      | 10½x15       | 18.00   |
|   |                |  | AJC310   | 2      | 10½x15       | 26.00   | AJC311   | 2      | 10½x15       | 17.00   |
| 75 HP—RPM 4000-5100<br>Splined Shaft          | 66-67          | Cruisers, Houseboats, Sailboats<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis                                  | SMC71    | 3      | 13 x10       | 37.50   | SMC90    | 3      | 13 x10       | 24.00   |
|   |                |  | SMC96    | 3      | 12½x11       | 37.50   | SMC73    | 3      | 12½x11       | 24.00   |
|   |                |  | SMC75    | 3      | 12½x12       | 37.50   | SMC74    | 3      | 12½x12       | 24.00   |
|   |                |  | SMC77    | 3      | 12½x13       | 37.50   | SMC76    | 3      | 12½x13       | 24.00   |
|   |                | 14'-16' Boats—All Loads, Skis<br>Light Runabout, Light Loads   | SMC79    | 3      | 12½x14       | 37.50   | SMC78    | 3      | 12½x14       | 24.00   |
|   |                |  | AJC489   | 2      | 12 x15       | 37.50   |          |        |              |         |
| 80 HP—RPM 4400-5100                           | 61-65          | Cruisers, Houseboats, Sailboats<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis   | SMC72    | 3      | 13 x 8       | 38.00   | PJ51     | 3      | 13 x 8       | 20.50   |
|   |                |  | SMC68    | 3      | 12½x12       | 38.00   | SMC69    | 3      | 12½x12       | 23.00   |
|   |                |  | SMC60    | 3      | 12½x13       | 38.00   | SMC61    | 3      | 12½x13       | 23.00   |
|   |                | 16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>Light Runabout, Light Load   | SMC62    | 3      | 12½x14       | 38.00   | PJ50     | 3      | 12½x14       | 20.50   |
|   |                |  |          |        |              |         | SMC65    | 3      | 12½x15       | 23.00   |
|   |                |  | AJC487   | 2      | 12 x16       | 38.00   |          |        |              |         |
| 70-75-85 HP—RPM 4500-5100<br>Splined Shaft    | 68-69          | 20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>Light Runabout, Light Loads     | PR64     | 3      | 13 x13       | 40.00   | PR65     | 3      | 13 x13       | 27.50   |
|   |                |  | PR66     | 3      | 13 x14       | 40.00   | PR67     | 3      | 13 x14       | 27.50   |
|   |                |  | PR68     | 3      | 13 x15       | 40.00   | PR69     | 3      | 13 x15       | 27.50   |
|   |                |  | PR70     | 3      | 13 x16       | 40.00   | PR71     | 3      | 13 x16       | 27.50   |
|   |                |  | AJC84    | 2      | 13 x19       | 40.00   | AJC85    | 2      | 13 x19       | 27.50   |
|   |                |  |          |        |              |         |          |        |              |         |
| 105 HP—RPM 4500-5500<br>Splined Shaft         | 66-67          | Cruisers, Houseboats, Sailboats<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis   | SMC83    | 3      | 13 x12       | 40.00   | SMC82    | 3      | 13 x12       | 26.50   |
|   |                |  | SMC85    | 3      | 13 x13       | 40.00   | SMC84    | 3      | 13 x13       | 26.50   |
|   |                |  | SMC87    | 3      | 13 x14       | 40.00   | SMC86    | 3      | 13 x14       | 26.50   |
|   |                | 16'-17' Boats—All Loads, Skis<br>Racing Runabouts  | SMC89    | 3      | 13 x15       | 40.00   | SMC88    | 3      | 13 x15       | 26.50   |
| AJC504  | 2              | 13 x17   | 40.00    |        |              |         |          |        |              |         |
| 105 HP—RPM 4500-5500<br>Splined Shaft         | 68-69          | Cruisers, Houseboats, Sailboats<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis | PR64     | 3      | 13 x13       | 40.00   | PR65     | 3      | 13 x13       | 27.50   |
|   |                |  | PR66     | 3      | 13 x14       | 40.00   | PR67     | 3      | 13 x14       | 27.50   |
|   |                |  | PR68     | 3      | 13 x15       | 40.00   | PR69     | 3      | 13 x15       | 27.50   |
|   |                |  | PR70     | 3      | 13 x16       | 40.00   | PR71     | 3      | 13 x16       | 27.50   |
|   |                |  | PR54     | 3      | 13 x18       | 40.00   | PR55     | 3      | 13 x18       | 27.50   |
|   |                |  |          |        |              |         |          |        |              |         |
|   |                | 12'-14' Boats—Light Loads<br>Light Runabout, Light Load  | PR56     | 3      | 13 x19       | 40.00   | PR57     | 3      | 13 x19       | 27.50   |
|   |                |  | AJC84    | 2      | 13 x19       | 40.00   | AJC85    | 2      | 13 x19       | 27.50   |



| ELGIN (SEARS)                    |       |   | BRONZE   |        |                                   |         | ALUMINUM |        |                                   |         |
|----------------------------------|-------|---|----------|--------|-----------------------------------|---------|----------|--------|-----------------------------------|---------|
| MOTOR & MODEL                    | YEAR  | BOAT SIZE AND RECOMMENDATION  | PART NO. | BLADES | DIA. & PITCH                      | PRICE   | PART NO. | BLADES | DIA. & PITCH                      | PRICE   |
| 4 HP—RPM 4200-4800               | 68-69 | Standard Replacement<br>Cruisers, Houseboats, Sailboats   |          |        |                                   |         | SA10     | 2      | 7 $\frac{1}{2}$ x 6               | \$ 5.50 |
|                                  |       |   |          |        |                                   |         | SA12     | 2      | 7 $\frac{1}{2}$ x 5               | 7.50    |
| 7 $\frac{1}{2}$ HP—RPM 4200-4800 | 60-69 | 12'-14' Boats—Light Loads<br>Light Runabout, Light Load   | AJC62    | 2      | 6 x 8                             | \$14.00 | SAC371   | 3      | 6 x 6                             | 12.00   |
| 9 HP—RPM 4800-5600               | 67-69 | Standard Replacement<br>14'-16' Boats—All Loads, Skis<br>12'-14' Boats—Light Loads  |          |        |                                   |         | SMC23    | 3      | 8 $\frac{1}{4}$ x 8 $\frac{1}{2}$ | 12.00   |
|                                  |       |   | AJC80    | 2      | 8 x 9 $\frac{1}{2}$               | 17.50   | SMC24    | 3      | 8 $\frac{1}{4}$ x 7 $\frac{1}{2}$ | 12.00   |
| 12 HP—RPM 4600-5400              | 60-69 | 14'-16' Boats—All Loads, Skis<br>14'-16' Boats—Light Loads  | AMC534   | 3      | 8 $\frac{1}{4}$ x 7               | 15.50   |          |        |                                   |         |
|                                  |       |   | AMC533   | 3      | 8 $\frac{1}{4}$ x 8               | 15.50   |          |        |                                   |         |
|                                  |       | Standard Replacement<br>Light Runabout, Light Load  |          |        |                                   |         | AMC535   | 3      | 8 $\frac{1}{4}$ x 8 $\frac{1}{2}$ | 10.50   |
|                                  |       |   |          |        |                                   |         | AMC532   | 3      | 8 $\frac{1}{4}$ x 9               | 10.50   |
| 25-28 HP—RPM 4600-5400           | 60-69 | Cruisers, Houseboats, Sailboats<br>14'-16' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis                             | SMC849   | 3      | 9 x 9                             | 20.00   | SMC846   | 3      | 9 x 7                             | 14.00   |
|                                  |       |   |          |        |                                   |         | SMC848   | 3      | 9 x 9                             | 14.00   |
|                                  |       | Standard Replacement<br>Light Runabout, Light Load  | SMC851   | 3      | 9 x 10                            | 20.00   | PS25     | 3      | 9 x 10                            | 13.50   |
|                                  |       |   | AJC518   | 2      | 9 $\frac{1}{2}$ x11 $\frac{1}{2}$ | 20.00   | AJC517   | 2      | 9 $\frac{1}{2}$ x11 $\frac{1}{2}$ | 16.50   |
| 35 HP                            | 65    | 16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis  |          |        |                                   |         | SMC717   | 3      | 10 $\frac{1}{2}$ x11              | 16.50   |
|                                  |       |   | SMC714   | 3      | 10 $\frac{1}{2}$ x12              | 24.00   | SMC715   | 3      | 10 $\frac{1}{2}$ x12              | 16.50   |
| 40-45 HP—RPM 4800-5600           | 59-69 | 17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis                               | SMC636   | 3      | 10 x 10                           | 22.50   | SMC635   | 3      | 10 x 10                           | 16.50   |
|                                  |       |   | SMC638   | 3      | 10 x 11                           | 22.50   | SMC637   | 3      | 10 x 11                           | 16.50   |
|                                  |       |   | SMC640   | 3      | 10 x 12                           | 22.50   | PS40     | 3      | 10 x 12 $\frac{1}{2}$             | 15.00   |
|                                  |       |   |          |        |                                   |         | SMC641   | 3      | 10 x 13                           | 16.50   |
| 60-75 HP—RPM 4800-5600           | 59-69 | Cruisers, Houseboats, Sailboats<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis |          |        |                                   |         | SMC697   | 3      | 10 x 14                           | 16.50   |
|                                  |       |   | SMC629   | 3      | 11 $\frac{1}{2}$ x 8              | 34.50   | PS76     | 3      | 11 $\frac{1}{2}$ x 8              | 18.00   |
|                                  |       |   | AMC674   | 4      | 11 $\frac{1}{2}$ x10              | 40.00   | PS74     | 3      | 11 $\frac{1}{2}$ x10              | 18.00   |
|                                  |       |   | SMC626   | 3      | 11 $\frac{1}{2}$ x11              | 34.50   | PS73     | 3      | 11 $\frac{1}{2}$ x11              | 18.00   |
|                                  |       |   | SMC628   | 3      | 11 $\frac{1}{2}$ x12              | 34.50   | PS71     | 3      | 11 $\frac{1}{2}$ x12              | 18.00   |
|                                  |       |   | SMC620   | 3      | 11 $\frac{1}{2}$ x13              | 34.50   | PS72     | 3      | 11 $\frac{1}{2}$ x13              | 18.00   |
|                                  |       |   | SMC622   | 3      | 11 $\frac{1}{2}$ x14              | 34.50   | PS70     | 3      | 11 $\frac{1}{2}$ x14              | 18.00   |

| EVINRUDE-JOHNSON-GALE   |       |   | BRONZE   |        |                      |         | ALUMINUM |         |                      |         |       |
|---|-------|---|----------|--------|----------------------|---------|----------|---------|----------------------|---------|-------|
| MOTOR & MODEL   | YEAR  | BOAT SIZE AND RECOMMENDATION  | PART NO. | BLADES | DIA. & PITCH         | PRICE   | PART NO. | BLADES  | DIA. & PITCH         | PRICE   |       |
| 100 HP—RPM 4500-5500  | 66-68 | Cruisers, Houseboats, Sailboats<br>20'-24' Boats—One Engine<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis  | PR117    | 3      | 14 x 10              | \$64.00 | PR116    | 3       | 14 x 10              | \$42.50 |       |
|   |       |   | PR114    | 3      | 14 x 11              | 64.00   | PR115    | 3       | 14 x 11              | 42.50   |       |
|   |       |   | PR119    | 3      | 14 x 12              | 64.00   | PR118    | 3       | 14 x 12              | 42.50   |       |
|   |       |   | PR104    | 3      | 13 x 14              | 47.00   | PR105    | 3       | 13 x 14              | 42.50   |       |
|   |       |   |          |        |                      |         |          |         |                      |         |       |
|   |       | 16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>14'-16' Boats—Light Loads<br>12'-14' Boats—Light Loads<br>Light Runabout, Light Load<br>Light Runabout, Light Load<br>Racing Runabouts  | PR106    | 3      | 12 $\frac{1}{2}$ x15 | 45.00   | PR107    | 3       | 12 $\frac{1}{2}$ x15 | 42.50   |       |
|   |       |   | PR108    | 3      | 12 $\frac{1}{2}$ x16 | 45.00   | PR109    | 3       | 12 $\frac{1}{2}$ x16 | 42.50   |       |
|   |       |   | PR110    | 3      | 12 $\frac{1}{2}$ x17 | 45.00   | PR111    | 3       | 12 $\frac{1}{2}$ x17 | 42.50   |       |
|   |       |   | AJC221   | 2      | 13 $\frac{1}{2}$ x17 | 47.00   |          |         |                      |         |       |
|   |       |   | PR112    | 3      | 12 $\frac{1}{2}$ x18 | 45.00   | PR113    | 3       | 12 $\frac{1}{2}$ x18 | 42.50   |       |
|   |       |   | AJC223   | 2      | 13 $\frac{1}{2}$ x18 | 47.00   |          |         |                      |         |       |
|   |       |   | AJC225   | 2      | 13 $\frac{1}{2}$ x19 | 47.00   |          |         |                      |         |       |
| 60, 65, 75, 80, 85, 90<br>RPM 4000-5000 thru 1967<br>RPM 4500-5500-1968 | 60-68 | Barges, Heavy Boats<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis   | SMC863   | 3      | 10 $\frac{1}{2}$ x 8 | 28.50   | SMC865   | 3       | 10 $\frac{1}{2}$ x 6 | 17.00   |       |
|   |       |   | SMC861   | 3      | 10 $\frac{1}{4}$ x 9 | 28.50   | SMC864   | 3       | 10 $\frac{1}{2}$ x 8 | 17.00   |       |
|   |       |   | SMC855   | 3      | 10 $\frac{1}{4}$ x10 | 28.50   | SMC862   | 3       | 10 $\frac{1}{4}$ x 9 | 17.00   |       |
|   |       |   | SMC857   | 3      | 10 $\frac{1}{2}$ x11 | 28.50   | PJ75     | 3       | 10 $\frac{1}{2}$ x10 | 16.00   |       |
|   |       |   | SMC859   | 3      | 10 x 12              | 28.50   | PJ76     | 3       | 10 x 11              | 16.00   |       |
|   |       |   |          |        |                      |         |          | PJ77    | 3                    | 10 x 12 | 16.00 |
|   |       |   |          |        |                      | SMC866  | 3        | 10 x 13 | 28.50                | SMC867  | 3     |
|   |       |   | SMC868   | 3      | 10 x 14              | 28.50   | SMC869   | 3       | 10 x 14              | 17.00   |       |
|   |       |   | AJC455   | 2      | 10 $\frac{1}{2}$ x15 | 31.50   |          |         |                      |         |       |
| 55-85-115 HP—RPM 4000-5000<br>Thru Hub Exhaust                          | 68-69 | Cruisers, Houseboats, Sailboats<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>14'-16' Boats—Light Loads<br>12'-14' Boats—Light Loads<br>Light Runabout Light Load<br>Light Runabout Light Load | PR291    | 3      | 14 x 11              | 66.00   | PR290    | 3       | 14 x 11              | 29.00   |       |
|   |       |   | PR289    | 3      | <del>14 x 13</del>   | 66.00   | PR288    | 3       | 14 x 13              | 29.00   |       |
|   |       |   | PR287    | 3      | 13 $\frac{1}{2}$ x15 | 66.00   | PR286    | 3       | 13 $\frac{1}{2}$ x15 | 29.00   |       |
|   |       |   | PR285    | 3      | 13 $\frac{1}{2}$ x17 | 66.00   | PR284    | 3       | 13 $\frac{1}{2}$ x17 | 29.00   |       |
|   |       |   | PR283    | 3      | 13 $\frac{1}{2}$ x19 | 66.00   | PR282    | 3       | 13 $\frac{1}{2}$ x19 | 29.00   |       |
|   |       |   | PR281    | 3      | 13 $\frac{1}{2}$ x21 | 66.00   | PR280    | 3       | 13 $\frac{1}{2}$ x21 | 29.00   |       |
|   |       |   | AJC320   | 2      | 12 $\frac{1}{2}$ x23 | 66.00   | AJC321   | 2       | 12 $\frac{1}{2}$ x23 | 31.00   |       |
|   |       |   | AJC322   | 2      | 12 $\frac{1}{2}$ x25 | 66.00   | AJC323   | 2       | 12 $\frac{1}{2}$ x25 | 31.00   |       |

(Continued next page)

| EVINRUDE-JOHNSON-GALE (Cont.)                                     |       |   | BRONZE   |        |              |         | ALUMINUM |        |              |         |
|---|-------|---|----------|--------|--------------|---------|----------|--------|--------------|---------|
| MOTOR & MODEL   | YEAR  | BOAT SIZE AND RECOMMENDATION  | PART NO. | BLADES | DIA. & PITCH | PRICE   | PART NO. | BLADES | DIA. & PITCH | PRICE   |
| 50 HP—RPM 4000-5000<br>Also 60-65 HP with Heavy<br>Duty Gear Case | 58-68 | Cruisers, Houseboats, Sailboats<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>14'-16' Boats—Light Loads<br>Light Runabout, Light Load   | SMC72    | 3      | 13 x 8       | \$38.00 | PJ51     | 3      | 13 x 8       | \$20.50 |
|   |       |   | SMC68    | 3      | 12½x12       | 38.00   | SMC69    | 3      | 12½x12       | 23.00   |
|   |       |   | SMC60    | 3      | 12½x13       | 38.00   | SMC61    | 3      | 12½x13       | 23.00   |
|   |       |   | SMC62    | 3      | 12½x14       | 38.00   | PJ50     | 3      | 12½x14       | 20.50   |
|   |       |   | AJC487   | 2      | 12 x16       | 38.00   | SMC65    | 3      | 12½x15       | 23.00   |
| 22, 25, 28, 30, 33, 35, 40 HP—<br>RPM 4000-5000                   | 51-69 | Barges, Extra heavy boats<br>20'-24' Cruisers, One Engine<br>17'-19' Boats—All Loads, Skis<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>Weedless<br><br>14'-16' Boats—All Loads, Skis<br>12'-14' Boats—Light Loads<br>20'-24' Boats—One Engine<br>12'-14' Boats—Light Loads<br>14'-16' Boats—Light Loads | SMC48    | 3      | 10½x 8       | 24.00   | SMC47    | 3      | 10½x 8       | 16.50   |
|   |       |   | PR91     | 3      | 10½x10       | 26.00   | PR90     | 3      | 10½x10       | 18.00   |
|   |       |   | PR93     | 3      | 10½x11       | 26.00   | PR92     | 3      | 10½x11       | 18.00   |
|   |       |   | AMC464   | 4      | 10 x11       | 27.00   | AMC444   | 4      | 10 x11       | 22.50   |
|   |       |   | PR95     | 3      | 10½x12       | 26.00   | PR94     | 3      | 10½x12       | 18.00   |
|   |       |   |          |        |              |         | AMC445   | 4      | 10 x12       | 22.50   |
|   |       |   |          |        |              |         | JWC41    | 2      | 10½x12½      | 18.50   |
|   |       |   |          |        |              |         | PR96     | 3      | 10½x13       | 18.00   |
|   |       |   |          |        |              |         | AJC467   | 2      | 10½x16       | 18.00   |
|   |       |   |          |        |              |         | AMC384   | 3      | 11 x10       | 23.50   |
|   |       |   |          |        |              |         | PR100    | 3      | 10½x15       | 18.00   |
|   |       |   |          | PR99   | 3            | 10½x14  | 18.00    |        |              |         |
| 14, 15, 18, 20 HP—<br>RPM 4000-5000<br>Also 25 HP—1969            | 50-69 | Cruisers, Houseboats, Sailboats<br>16'-17' Boats—All Loads, Skis<br>Weedless<br>16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>14'-16' Boats—Light Loads<br>12'-14' Boats—Light Loads<br>Light Runabouts, Light Loads  | SMC38    | 3      | 9½x 7        | 19.00   | SMC39    | 3      | 9½x 7        | 13.50   |
|   |       |   | EWC18    | 3      | 9 x10        | 19.00   | AMC448   | 4      | 9 x 9        | 18.00   |
|   |       |   | PR21     | 3      | 8¾x 9        | 19.00   | EWC19    | 3      | 9 x10        | 13.50   |
|   |       |   | PR23     | 3      | 8¾x10        | 19.00   | PR20     | 3      | 8¾x 9        | 13.50   |
|   |       |   | PR25     | 3      | 8¾x11        | 19.00   | PR22     | 3      | 8¾x10        | 13.50   |
|   |       |   | PR27     | 3      | 8¾x12        | 19.00   | PR24     | 3      | 8¾x11        | 13.50   |
|   |       |   | AJC417   | 2      | 9½x12        | 19.00   | PR26     | 3      | 8¾x12        | 13.50   |
|   |       |   |          |        |              |         | AJC418   | 2      | 9½x12        | 13.50   |
|   |       |   |          |        |              |         | SMC12    | 3      | 8¾x 6½       | 11.50   |
|   |       |   |          |        |              |         | PJ11     | 3      | 8¾x 8        | 10.00   |
| 9½-10 HP—RPM 4000-5000  | 58-69 | 20'-24' Boats—Sailboats<br>14'-16' Boats—All Loads, Skis<br>Weedless<br>14'-16' Runabouts, Light Loads<br>Light Runabouts, Light Loads  | JWC12    | 3      | 8¾x 8        | 17.50   | JWC13    | 3      | 8¾x 8        | 11.50   |
|   |       |   | SMC15    | 3      | 8¾x 8        | 17.50   | SMC18    | 3      | 8¾x 9        | 11.50   |
|   |       |   | SMC17    | 3      | 8¾x 9        | 17.50   |          |        |              |         |
|   |       |   | AJC175   | 2      | 8 x10        | 17.50   |          |        |              |         |
| 6 HP—RPM 4000-5000  | 66-69 | 14'-16' Boats—Light Loads<br>12'-14' Boats—Light Loads  | AMC421   | 3      | 7¾x 6½       | 12.00   | AMC422   | 3      | 7¾x 6½       | 9.00    |
|   |       |   | AMC423   | 3      | 7¾x 7        | 12.00   |          |        |              |         |
| 5½-6 HP—RPM 4000-5000   | 56-65 | 14'-16' Boats—Light Loads<br>12'-14' Boats—Light Loads<br>Weedless  | AM430    | 3      | 7¾x 6½       | 12.00   | AM431    | 3      | 7¾x 6½       | 9.00    |
|   |       |   | AM433    | 3      | 7¾x 7        | 12.00   | JWC5     | 3      | 7¾x 6½       | 9.00    |
|   |       |   |          |        |              |         |          |        |              |         |
| 5 HP—RPM 3500-4500  | 65-69 | 14'-16' Boats—Light Loads<br>12'-14' Boats—Light Loads  | AMC420   | 3      | 7¾x 6½       | 12.00   | AMC419   | 3      | 7¾x 6½       | 9.00    |
|   |       |   |          |        |              |         | PJ7      | 3      | 8 x 7½       | 7.00    |
| 3-4 HP—RPM 3500-4500<br>Right Angle Drive                         | 64-69 | Standard Replacement<br>Light Runabouts,—Light Loads  |          |        |              |         | PJ5      | 3      | 8 x 4½       | 5.50    |
|   |       |   |          |        |              |         | PJ6      | 3      | 8 x 5½       | 5.50    |
| 3-4 HP—RPM 3500-4500 Anglematic                                   | 55-69 | Standard Replacement  |          |        |              |         | PJ3      | 3      | 6¾x 4½       | 5.50    |

### ECONOMY PROPELLERS—EVINRUDE-JOHNSON-GALE—PAINTED ALUMINUM

| JOHNSON-EVINRUDE-GALE             | YEAR  | BOAT SIZE AND RECOMMENDATION   | OMC PART NO. | PART NO. | BLADES | DIA. & PITCH | PRICE  |
|-----------------------------------|-------|--|--------------|----------|--------|--------------|--------|
| 3 HP—Anglematic                   | 55-69 | Standard Replacement   | 203919       | PJ3      | 3      | 6½x 4½       | \$5.50 |
| 3 HP—Right Angle                  | 64-69 | Standard Replacement   | 310208       | PJ5      | 3      | 8 x 4½       | 5.50   |
|                                   |       |  | 312286       | PJ6      | 3      | 8 x 5½       | 5.50   |
| 5 HP                              | 65-68 | 12'-14' Boats—Light Loads  | 380104       | PJ7      | 3      | 8 x 7½       | 7.00   |
| 5½-6 HP                           | 56-65 | 12'-14' Boats—Light Loads  | 376968       | PJ300    | 2      | 8 x 7¼       | 5.50   |
| 6 HP                              | 66-69 | 12'-14' Boats—Light Loads  | 380958       | PJ8      | 2      | 8 x 7¼       | 8.00   |
| 9½-10 HP                          | 56-69 | 14'-16' Boats—All Loads<br>12'-14' Boats—Light Loads   | 383315       | PJ11     | 3      | 8¾x 8        | 10.00  |
|                                   |       |  | 377635       | PJ10     | 3      | 8¾x 8½       | 9.50   |
| 10 HP                             | 50-57 | 12'-14' Boats—Light Loads  | 377083       | PJ9      | 3      | 9 x 8        | 11.00  |
| 14-15-18-20 HP<br>Also 25 HP-1969 | 50-68 | 12'-14' Boats—Heavy Loads<br>12'-14' Boats—Heavy Loads<br>14'-16' Boats—Heavy Loads<br>12'-14' Boats—Light Loads   | 383629       | PJ16     | 3      | 9 x 10       | 12.00  |
|                                   |       |  | 381801       | PJ17     | 3      | 9 x10½       | 12.00  |
|                                   |       |  | 379717       | PJ19     | 3      | 9 x 9        | 12.00  |
|                                   |       |  | 377636       | PJ18     | 3      | 9½x11        | 12.00  |
| 22-25-28-30-33-35-40 HP           | 51-69 | Cruisers, Houseboats, Sailboats<br>17'-19' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>14'-16' Boats—Light Loads<br>12'-14' Boats—Light Loads |              | PJ41     | 3      | 10½x10       | 15.50  |
|                                   |       |  | 378581       | PJ31     | 3      | 10½x11½      | 15.50  |
|                                   |       |  | 378580       | PJ30     | 3      | 10½x12½      | 15.50  |
|                                   |       |  | 380637       | PJ32     | 3      | 10½x12       | 15.50  |
|                                   |       |  | 378579       | PJ35     | 3      | 10½x13¼      | 15.50  |
|                                   |       |  | 378571       | PJ40     | 3      | 10½x14       | 15.50  |
|                                   |       |  |              |          |        |              |        |

**ECONOMY PROPELLERS—EVINRUDE-JOHNSON-GALE—PAINTED ALUMINUM (Cont.)**

| JOHNSON-EVINRUDE-GALE                               | YEAR  | BOAT SIZE AND RECOMMENDATION    | OMC PART NO. | PART NO. | BLADES | DIA. & PITCH | PRICE   |
|---|-------|---------------------------------|--------------|----------|--------|--------------|---------|
| 50 HP<br>Also 60-65 HP with<br>Heavy Duty Gear Case | 58-68 | Cruisers, Houseboats, Sailboats |              | PJ51     | 3      | 13 x 8       | \$20.50 |
|   |       | Cruisers, Houseboats, Sailboats |              | PJ52     | 3      | 13 x 9       | 20.50   |
|   |       | Cruisers, Houseboats, Sailboats |              | PJ56     | 3      | 13½x 9       | 20.50   |
|   |       | 20'-24' Boats—All Loads         |              | PJ53     | 3      | 13 x10       | 20.50   |
|   |       | 14'-16' Boats—All Loads, Skis   | 278155       | PJ50     | 3      | 12½x14       | 20.50   |
| 60-65-75-80-85-90 HP                                | 60-68 | 17'-19' Boats—All Loads, Skis   | 379260       | PJ74*    | 3      | 10 x 9½      | 16.00   |
|   |       | 17'-19' Boats—All Loads, Skis   | 378040       | PJ75     | 3      | 10½x10       | 16.00   |
|   |       | 17'-19' Boats—All Loads, Skis   | 593437       | PJ78     | 3      | 9½x10        | 16.00   |
|   |       | 16'-17' Boats—All Loads, Skis   | 377978       | PJ76     | 3      | 10 x11       | 16.00   |
|   |       | 16'-17' Boats—All Loads, Skis   | 381446       | PJ73*    | 3      | 10 x11       | 16.00   |
|   |       | 14'-16' Boats—All Loads, Skis   | 378039       | PJ77     | 3      | 10 x12       | 16.00   |

\*Small Hub Prop-uses special Small Nut-Part No. NP74 at \$1.00 list

|                            |       |                               |        |      |   |       |       |
|----------------------------|-------|-------------------------------|--------|------|---|-------|-------|
| <b>GALE</b><br>12-14-15 HP | 51-63 | 12'-14' Boats—All Loads, Skis | 376737 | PJ14 | 3 | 9 x11 | 10.00 |
|----------------------------|-------|-------------------------------|--------|------|---|-------|-------|

| HOMELITE                  |        |                                 | BRONZE   |        |              |         | ALUMINUM |        |              |         |       |
|---------------------------|--------|---------------------------------|----------|--------|--------------|---------|----------|--------|--------------|---------|-------|
| MOTOR & MODEL             | YEAR   | BOAT SIZE AND RECOMMENDATION    | PART NO. | BLADES | DIA. & PITCH | PRICE   | PART NO. | BLADES | DIA. & PITCH | PRICE   |       |
| 55 HP                     | 62-69  | Cruisers, Houseboats, Sailboats | SMC629   | 3      | 11½x 8       | \$34.50 | PS76     | 3      | 11½x 8       | \$18.00 |       |
|                           |        | Cruisers, Houseboats, Sailboats |          |        |              |         | AMC712   | 4      | 11½x 8       | 35.00   |       |
|                           |        | 20'-24' Boats, One Engine       |          |        |              |         |          | PS75   | 3            | 11½x 9  | 18.00 |
|                           |        | 17'-19' Boats—All Loads, Skis   |          |        |              |         |          | PS74   | 3            | 11½x10  | 18.00 |
|                           |        | 16'-17' Boats—All Loads, Skis   | SMC626   | 3      | 11½x11       | 34.50   | PS73     | 3      | 11½x11       | 18.00   |       |
|                           |        | 14'-16' Boats—All Loads, Skis   | SMC628   | 3      | 11½x12       | 34.50   | PS71     | 3      | 11½x12       | 18.00   |       |
| 14'-16' Boats—Light Loads | SMC620 | 3                               | 11½x13   | 34.50  | PS72         | 3       | 11½x13   | 18.00  |              |         |       |

| McCULLOCH-SCOTT                                       |        |                                  | BRONZE   |        |              |         | ALUMINUM |        |              |         |
|---|--------|----------------------------------|----------|--------|--------------|---------|----------|--------|--------------|---------|
| MOTOR & MODEL   | YEAR   | BOAT SIZE AND RECOMMENDATION     | PART NO. | BLADES | DIA. & PITCH | PRICE   | PART NO. | BLADES | DIA. & PITCH | PRICE   |
| 3½-4 HP   | 46-69  | Standard Replacement             |          |        |              |         | SA10     | 2      | 7¾x 6        | \$ 5.50 |
|   |        | Heavy Boats, Sailboats           |          |        |              |         | SA12     | 2      | 7¾x 5        | 7.50    |
| 7½ HP Weedless—RPM 4200-4800                          | 60-69  | 12'-14' Boats—Light Loads        | AJC62    | 2      | 6 x 8        | \$14.00 | SAC371   | 3      | 6 x 6        | 12.00   |
|   |        | Light Runabout, Light Load       |          |        |              |         | AJC63    | 2      | 6 x 8        | 8.50    |
| 7½ HP—RPM 4200-4800<br>Straight Lower Unit—Right Hand | 63-69  | 14'-16' Boats—All Loads, Skis    |          |        |              |         | SMC22    | 3      | 8¼x 5        | 12.00   |
|   |        | Standard Replacement             |          |        |              |         | SMC20    | 3      | 8¼x 6½       | 12.00   |
| 9 HP—RPM 4800-5600                                    | 67-69  | Houseboats, Sailboats            |          |        |              |         | SMC22    | 3      | 8¼x 5        | 12.00   |
|   |        | Standard Replacement             |          |        |              |         | SMC23    | 3      | 8¼x 8½       | 12.00   |
|   |        | 14'-16' Boats—All Loads, Skis    |          |        |              |         | SMC24    | 3      | 8¼x 7½       | 12.00   |
| 12-14.1 HP—RPM 4600-5400                              | 60-67  | 14'-16' Boats—All Loads, Skis    | AMC534   | 3      | 8¾x 7        | 15.50   |          |        |              |         |
|   |        | 14'-16' Boats—Light Loads        | AMC533   | 3      | 8¾x 8        | 15.50   |          |        |              |         |
| 22-25-27.7-28 HP<br>—RPM 4600-5400                    | 58-67  | 17'-19' Boats—All Loads, Skis    |          |        |              |         | AMC535   | 3      | 8¾x 8½       | 10.50   |
|   |        | 14'-16' Boats—All Loads, Skis    | SMC849   | 3      | 9 x 9        | 20.00   | AMC532   | 3      | 8¾x 9        | 10.50   |
| 16'-17' Boats—All Loads, Skis                         |        | 16'-17' Boats—All Loads, Skis    |          |        |              |         | SMC846   | 3      | 9 x 7        | 14.00   |
|   |        | 16'-17' Boats—All Loads, Skis    |          |        |              |         | SMC848   | 3      | 9 x 9        | 14.00   |
| 14'-16' Boats—Light Loads                             |        | 14'-16' Boats—Light Loads        | SMC851   | 3      | 9 x10        | 20.00   | AMC670   | 4      | 9 x 9        | 19.50   |
|   |        | Light Runabout, Light Loads      | AJC518   | 2      | 9½x11½       | 20.00   | PS25     | 3      | 9 x10        | 13.50   |
| 30-33-40 HP—Left Hand Prop                            | 55-58  | 16'-17' Boats—All Loads, Skis    | SMC648   | 3      | 10 x11       | 22.50   | AJC517   | 2      | 9½x11½       | 16.50   |
|   |        | 14'-16' Boats—All Loads, Skis    | SMC650   | 3      | 10 x12       | 22.50   | SMC647   | 3      | 10 x11       | 16.50   |
| 40-43.7-45 HP—RPM 4800-5600<br>Right Hand Prop        | 59-69  | 17'-19' Boats—All Loads, Skis    | SMC636   | 3      | 10 x10       | 22.50   | SMC649   | 3      | 10 x12       | 16.50   |
|   |        | 16'-17' Boats—All Loads, Skis    | SMC638   | 3      | 10 x11       | 22.50   | SMC635   | 3      | 10 x10       | 16.50   |
| 14'-16' Boats—All Loads, Skis                         | SMC640 | 3                                | 10 x12   | 22.50  | SMC637       | 3       | 10 x11   | 16.50  |              |         |
| 14'-16' Boats—Light Loads                             |        | 14'-16' Boats—Light Loads        |          |        |              |         | PS40     | 3      | 10 x12       | 15.00   |
|   |        | 14'-16' Boats—Light Loads        |          |        |              |         | SMC641   | 3      | 10 x13       | 16.50   |
| 60-75.2 HP—RPM 4800-5600                              | 58-59  | Barges, Extra Heavy Boats        | SMC629   | 3      | 11½x 8       | 34.50   | SMC697   | 3      | 10 x14       | 16.50   |
|   |        | Cruisers, Houseboats, One Engine | AMC674   | 4      | 11½x10       | 40.00   | PS76     | 3      | 11½x 8       | 18.00   |
| 20'-24' Boats—One Engine                              |        |                                  |          |        |              | PS75    | 3        | 11½x 9 | 18.00        |         |
| 17'-19' Boats—All Loads, Skis                         |        |                                  | SMC626   | 3      | 11½x11       | 34.50   | PS74     | 3      | 11½x10       | 18.00   |
| 16'-17' Boats—All Loads, Skis                         |        |                                  | SMC628   | 3      | 11½x12       | 34.50   | PS73     | 3      | 11½x11       | 18.00   |
| 14'-16' Boats—All Loads, Skis                         |        |                                  | SMC620   | 3      | 11x½13       | 34.50   | PS71     | 3      | 11½x12       | 18.00   |
| 14'-16' Boats—Light Loads                             |        |                                  | SMC622   | 3      | 11½x14       | 34.50   | PS72     | 3      | 11½x13       | 18.00   |
|   |        |                                  |          |        |              |         | PS70     | 3      | 11½x14       | 18.00   |



| WARDS SEA KING                                      |       |   | BRONZE   |        |              |         | ALUMINUM |        |              |         |
|---|-------|---|----------|--------|--------------|---------|----------|--------|--------------|---------|
| MOTOR & MODEL                                       | YEAR  | BOAT SIZE AND RECOMMENDATION  | PART NO. | BLADES | DIA. & PITCH | PRICE   | PART NO. | BLADES | DIA. & PITCH | PRICE   |
| 3½ HP—RPM 4000-5000                                 | 64-69 | Standard Replacement  |          |        |              |         | G20      | 2      | 7½x 4½       | \$ 5.50 |
| 5-6 HP—RPM 4000-5000                                | 64-69 | Standard Replacement  |          |        |              |         | GC54     | 2      | 7½x 7        | 8.50    |
| 8-9-9.2 HP—RPM 4000-5000                            | 64-69 | Cruisers, Houseboats, Sailboats<br>14'-16' Boats—All Loads, Skis<br>Standard Replacement<br>Light Runabout, Light Load  | AMC302   | 3      | 8 x 7        | \$13.50 | AMC320   | 3      | 8 x 5½       | 11.50   |
|   |       |   | AJC55    | 2      | 8 x 8½       | 9.00    | GC55     | 2      | 8 x 8        | 9.00    |
| 20 HP—RPM 4500-5500                                 | 64-67 | 17'-19' Boats—All Loads, Skis<br>Standard Replacement<br>14'-16' Boats—All Loads, Skis  |          |        |              |         | AMC359   | 3      | 8½x 7½       | 15.50   |
|   |       |   |          |        |              |         | AMC365   | 3      | 8½x 8½       | 15.50   |
|   |       |   |          |        |              |         | AMC353   | 3      | 8½x 9        | 15.50   |
| 20 HP—RPM 4500-5500                                 | 68-69 | Standard Replacement<br>14'-16' Boats—All Loads, Skis<br>12'-14' Boats—Light Loads  | PR5      | 2      | 8½x 8        | 19.00   | AMC490   | 3      | 8½x 8½       | 15.50   |
|   |       |   | PR9      | 3      | 8½x10        | 19.00   | PR4      | 3      | 8½x 8        | 16.00   |
|   |       |   |          |        |              | PR8     | 3        | 8½x10  | 16.00        |         |
| 45-50 HP—RPM 4400-5100                              | 64-65 | 16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis  | SMC714   | 3      | 10½x12       | 24.00   | SMC715   | 3      | 10½x12       | 16.50   |
|   |       |   |          |        |              |         | SMC713   | 3      | 10½x13       | 16.50   |
| 35-45-50-55 HP—<br>RPM 4500-5500<br>(Splined Shaft) | 66-69 | Cruisers, Houseboats, Sailboats<br>17'-19' Boats—All Loads, Skis<br>16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>14'-16' Boats—Light Loads<br>Light Runabout, Light Load<br>Light Runabout, Light Load | AMC307   | 3      | 10½x10       | 24.00   | AMC308   | 3      | 10½x10       | 16.50   |
|   |       |   | PR131    | 3      | 10½x11       | 27.00   | PR130    | 3      | 10½x11       | 18.00   |
|   |       |   | PR133    | 3      | 10½x12       | 27.00   | PR132    | 3      | 10½x12       | 18.00   |
|   |       |   | PR135    | 3      | 10½x13       | 27.00   | PR134    | 3      | 10½x13       | 18.00   |
|   |       |   | PR137    | 3      | 10½x14       | 27.00   | PR136    | 3      | 10½x14       | 18.00   |
|   |       |   | PR139    | 3      | 10½x15       | 27.00   | PR138    | 3      | 10½x15       | 18.00   |
|   |       |   | AJC310   | 2      | 10½x15       | 26.00   | AJC311   | 2      | 10½x15       | 17.00   |
| 80 HP—RPM 4400-5100                                 | 64-69 | Cruisers, Houseboats, Sailboats<br>20'-24' Boats—One Engine<br>17'-19' Boats—All Loads, Skis  | SMC72    | 3      | 13 x 8       | 38.00   | PJ51     | 3      | 13 x 8       | 20.50   |
|   |       |   | SMC68    | 3      | 12½x12       | 38.00   | SMC69    | 3      | 12½x12       | 23.00   |
|   |       |   | SMC60    | 3      | 12½x13       | 38.00   | SMC61    | 3      | 12½x13       | 23.00   |
|   |       | 16'-17' Boats—All Loads, Skis<br>14'-16' Boats—All Loads, Skis<br>Light Runabout, Light Load  | SMC62    | 3      | 12½x14       | 38.00   | PJ50     | 3      | 12½x14       | 20.50   |
|   |       |   | AJC487   | 2      | 12 x 16      | 38.00   | SMC65    | 3      | 12½x15       | 23.00   |

### WEST BEND and WIZARD (See Chrysler)

### PROPELLERS FOR NON-CURRENT MOTORS (not manufactured in last 6 years)

| MOTOR & MODEL           | YEAR          | PART NO.         | NO BLADES | DIA. & PITCH    | METAL    | PRICE          | MOTOR & MODEL                                      | YEAR  | PART NO.         | NO BLADES | DIA. & PITCH     | METAL | PRICE          |
|-------------------------|---------------|------------------|-----------|-----------------|----------|----------------|--|-------|------------------|-----------|------------------|-------|----------------|
| <b>CHAMPION</b>         |               |                  |           |                 |          |                | <b>MERCURY (Cont.)</b>                             |       |                  |           |                  |       |                |
| Single & Twin           | 39-42         | P51              | 2         | 7½x 6½          | Al       | \$6.50         | 10 HP KF 7<br>KG7                                  | 49-52 | AJ55             | 2         | 8½x10            | Br    | \$18.00        |
| 4.2 HP                  | 46-53         | P90              | 2         | 8 x 5½          | Al       | 8.50           | Mark 20-25<br>KH 7                                 | 52-58 | AMC503<br>AJC550 | 3<br>2    | 9 x 9<br>9 x 11  | Al    | 22.50<br>17.00 |
| 7.9 HP                  | 48-50         | P120             | 2         | 8 x 10          | Al       | 9.00           | Mark 50-55<br>14 spline                            | 54-56 | AMC580           | 3         | 10 x 10          | Al    | 24.00          |
| <b>CLINTON</b>          |               |                  |           |                 |          |                | <b>Merc. 700-800<br/>Left hand</b>                 |       |                  |           |                  |       |                |
| 2.5 HP                  |               | C15              | 2         | 7 x 4½          | Al       | 7.50           | Merc. 700-800<br>Left hand                         | 60-61 | PM700<br>PM701   | 2<br>2    | 13½x15<br>13½x17 | Al    | 20.00<br>20.00 |
| <b>ELGIN</b>            |               |                  |           |                 |          |                | <b>MUNCIE</b>                                      |       |                  |           |                  |       |                |
| 5-5½-6 HP               | 47-55         | G40              | 2         | 7½x 7½          | Al       | 8.00           | 1.2 and 1.5 HP                                     | 47-69 | E40              | 2         | 6 x 5            | Al    | 6.50           |
| 5½ HP                   | 56-59         | GC54             | 2         | 7½x 7           | Al       | 8.50           | 2 and 2.5 HP                                       | 33-41 | M10              | 2         | 7½x 5½           | Al    | 8.50           |
| 7½ HP                   | 49-55         | G50              | 2         | 7½x 8½          | Al       | 9.00           | 3½-5 HP  | 41-51 | M70              | 2         | 6½x 5            | Al    | 8.50           |
| 7½ HP                   | 56-59         | GC55             | 2         | 8 x 8           | Al       | 9.00           | <b>PERKINS-OLIVER</b>                              |       |                  |           |                  |       |                |
| 25 HP                   | 55-57         | G92              | 3         | 10½x12          | Al       | 18.00          | 5½-6-6½ HP   | 55-64 | V10              | 2         | 8 x 6½           | Al    | 9.50           |
| 35 HP                   | See West Bend |                  |           |                 |          |                | 15-16-18 HP  | 55-64 | V116             | 2         | 9 x 10½          | Al    | 13.00          |
| <b>EVINRUDE-JOHNSON</b> |               |                  |           |                 |          |                | <b>35 HP<br/>Left hand<br/>See McCulloch-Scott</b> |       |                  |           |                  |       |                |
| 7½ HP                   | 50-53         | AM340            | 3         | 7¾x 7           | Br       | 14.50          | 30-35-40 HP<br>Right hand                          | 60-64 | SMC678           | 3         | 10 x 11          | Al    | 16.50          |
| 7½ HP                   | 54-58         | AM417<br>AM416   | 3<br>3    | 8 x 7<br>8 x 8  | Br<br>Al | 12.00<br>9.00  | <b>McCULLOCH SCOTT</b>                             |       |                  |           |                  |       |                |
| 10 HP                   | 50-57         | AJC201<br>AMC264 | 2<br>3    | 8½x11<br>8½x 8½ | Br<br>Al | 19.00<br>13.50 | 5 HP<br>BailAMatic                                 | 54-59 | SAC40            | 2         | 7½x 6            | Al    | 8.50           |
| <b>FAGEOL</b>           |               |                  |           |                 |          |                | <b>7½ HP</b>                                       |       |                  |           |                  |       |                |
| 35-45 HP<br>V.I.P.      | 56-60         | SMC647           | 3         | 10 x 11         | Al       | 16.50          | 7½ HP<br>BailAMatic                                | 54-59 | SAC50            | 2         | 8 x 7            | Al    | 8.50           |
| <b>LAUSON</b>           |               |                  |           |                 |          |                | <b>10 HP<br/>BailAMatic</b>                        |       |                  |           |                  |       |                |
| 2½-3 HP                 | 40-57         | L30              | 2         | 7½x 5½          | Al       | 8.00           | 16 HP<br>Right Hand                                | 50-55 | SAC30            | 3         | 9½x 6½           | Al    | 16.00          |
| <b>MARTIN</b>           |               |                  |           |                 |          |                | <b>16 HP<br/>BailAMatic<br/>Left Hand</b>          |       |                  |           |                  |       |                |
| 7.5-60-66               | 46-51         | Q10              | 2         | 8 x 8           | Al       | 10.00          | 56-57  | SMC35 | 3                | 8½x 8     | Al               | 16.00 |                |
| 7.5 HP                  | 52-54         | Q50              | 2         | 8 x 8½          | Al       | 11.50          | <b>WEST BEND (CHRYSLER)</b>                        |       |                  |           |                  |       |                |
| <b>MERCURY</b>          |               |                  |           |                 |          |                | <b>5-5½ &amp; 6 HP</b>                             |       |                  |           |                  |       |                |
| 3½-5 HP                 | 49-55         | K70              | 2         | 6¾x 6½          | Al       | 8.50           | 7½-8 HP  | 47-48 | G40              | 2         | 7½x 7½           | Al    | 8.00           |
| 6 HP                    | 40-47         | K15              | 2         | 7¾x 7           | Al       | 8.50           | 12 HP  | 49-55 | G50              | 2         | 7½x 8½           | Al    | 9.00           |
| 6 HP Mark<br>6-60       | 55-60         | K74              | 2         | 7¼x 7           | Al       | 8.50           | 25-30 HP   | 55-64 | AMC355           | 3         | 8½x 8            | Al    | 16.00          |
| 7½ HP Mark 7            | 47-55         | K50              | 2         | 7¾x 8           | Al       | 8.50           | 25-30 HP   | 55-57 | G92              | 3         | 10½x12           | Al    | 18.00          |
| 10 HP KE 7              | 47-52         | K40              | 3         | 7½x 9           | Al       | 12.00          | 25-35 HP   | 58-63 | SMC703           | 3         | 10½x12           | Al    | 16.50          |

# racing propellers

Changing racing conditions such as course length, condition of water, altitudes, etc., may call for variation from sizes listed, and these can be supplied at no increase in cost. These suggested sizes are based on the minimum legal weights for each class and for sea level or near sea level operation.

Deliveries normally can be made from stock immediately. All propellers are supplied in special high tensile racing bronze alloy and stainless steel, blades thinned for best racing performance and all incorporate the new cupped blade feature.

Propellers listed are for racing engines with a suggested diameter and pitch. Because these are not similar to anything previously available on the market these should not be ordered size for size to replace another type or another make. There is a best basic size in each class to meet most conditions, and we offer this listing as a guide and to simplify propeller selection.



## STOCK RACING ENGINES

| ENGINE   | CLASS—GEAR RATIO | DIA. & PITCH | HI-TENSILE BRONZE PRICE | STAINLESS STEEL PRICE |
|----------|------------------|--------------|-------------------------|-----------------------|
| Anzani   | A Hydro—1:1      | 6½ x 9       | \$29.00                 |                       |
| Anzani   | A Hydro—16:21    | 7 x 13       | 29.00                   | \$40.00               |
| Anzani   | B Hydro—1:1      | 6½ x 10½     | 29.00                   |                       |
| Anzani   | B Hydro—16:21    | 7 x 14       | 29.00                   | 40.00                 |
| Champion | A Hydro—14:19    | 7 x 12       | 29.00                   | 40.00                 |
| Champion | A Utility—14:19  | 7 x 11       | 29.00                   | 40.00                 |
| Champion | B Hydro—14:19    | 7 x 13       | 29.00                   | 40.00                 |
| Champion | B Utility—14:19  | 7 x 12       | 29.00                   | 40.00                 |
| Konig    | A Hydro—1:1      | 6 x 8        | 29.00                   |                       |
| Konig    | B Hydro—1:1      | 6½ x 10      | 29.00                   |                       |
| Konig    | C Hydro—1:1      | 7¼ x 12      | 29.00                   | 40.00                 |
| Konig    | D Hydro—1:1      | 7¼ x 14      | 29.00                   | 40.00                 |
| Mercury  | A Hydro—1:1      | 6 x 7¼       | 29.00                   |                       |
| Mercury  | A Utility—1:1    | 6 x 7        | 29.00                   |                       |
| Mercury  | A Hydro—16:21    | 6½ x 10½     | 29.00                   |                       |
| Mercury  | A Utility—16:21  | 6½ x 9½      | 29.00                   |                       |
| Mercury  | B Hydro—1:1      | 6¼ x 9       | 29.00                   |                       |
| Mercury  | B Utility—1:1    | 6¼ x 8       | 29.00                   |                       |
| Mercury  | B Hydro—16:21    | 7 x 14       | 29.00                   | 40.00                 |
| Mercury  | B Utility—16:21  | 7 x 13       | 29.00                   | 40.00                 |
| Mercury  | C Hydro—1:1      | 7 x 10       | 29.00                   | 40.00                 |
| Mercury  | C Utility—1:1    | 7 x 9        | 29.00                   | 40.00                 |
| Mercury  | D Hydro—1:1      | 7¼ x 11      | 29.00                   | 40.00                 |
| Mercury  | D Utility—1:1    | 7¼ x 10      | 29.00                   | 40.00                 |
| Mercury  | F Hydro—1:1      | 8½ x 13      |                         | 58.00                 |
| Mercury  | F Utility—1:1    | 9 x 12       |                         | 58.00                 |
| Mercury  | J Utility        | 6¾ x 6½      | 19.00                   |                       |
| J & E    | "36" Cu. In.     | 10 x 15½     | 40.00                   |                       |
| Chrysler | "36" Cu. In.     | 10½ x 16     | 40.00                   |                       |

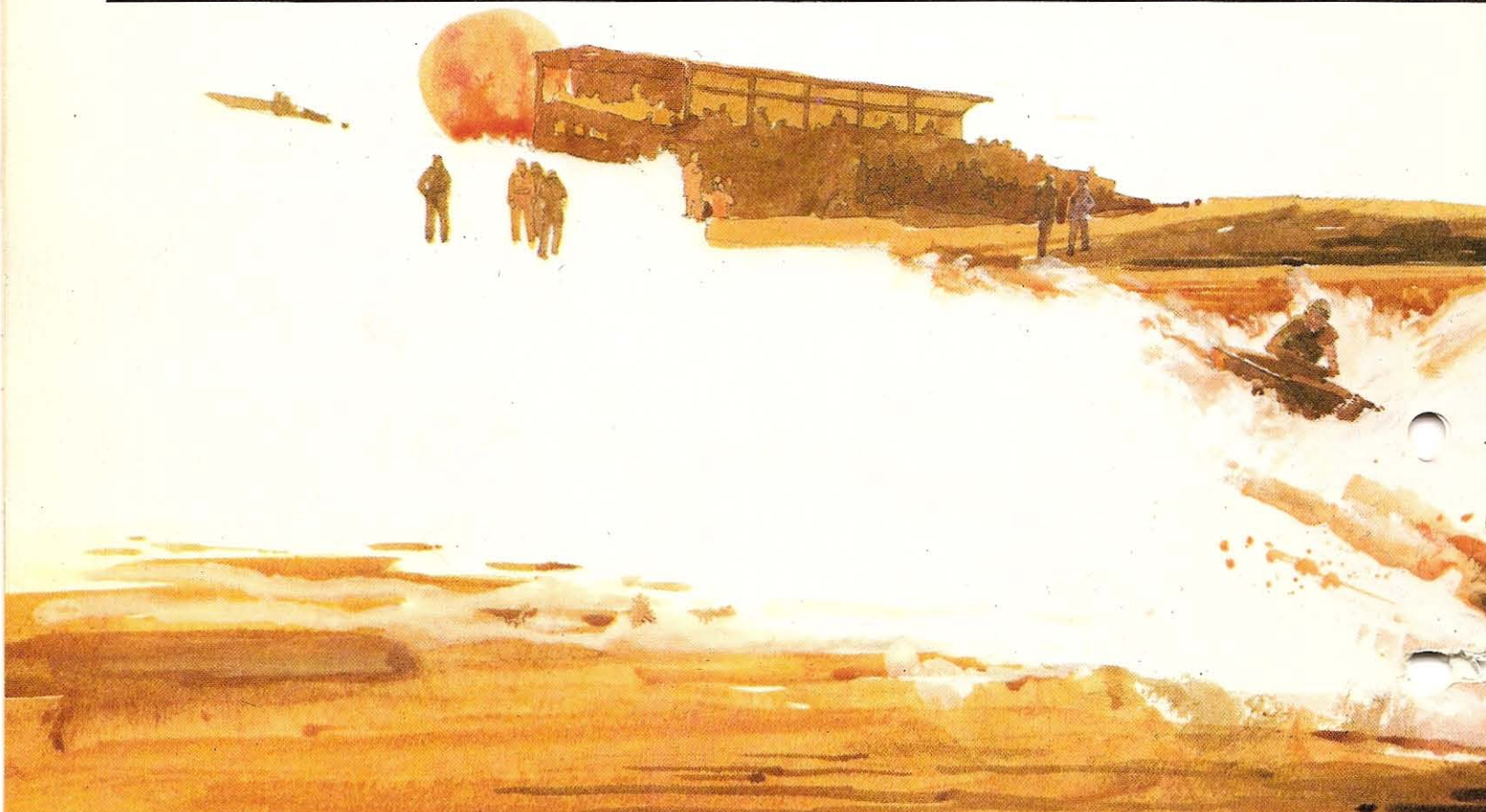
(Propellers for motors not listed—write for information)

## OUTBOARD PLEASURE CRAFT (OPC) RACING PROPS

SMALL RACING HUB\*—HIGH TENSILE BRONZE—CUPPED

MERCURY 35 THRU 50 H.P.

| SIZE     | LEFT HAND | RIGHT HAND | PRICE   |
|----------|-----------|------------|---------|
| 10½ x 15 |           | AJ-600     | \$40.00 |



# high quality accessories

## (OPC) Racing Props—(cont'd)

### MERCURY 65 THRU 110 H.P.

| SIZE    | LEFT HAND | RIGHT HAND | PRICE   |
|---------|-----------|------------|---------|
| 13 x 19 |           | AJ650      | \$60.00 |
| 13 x 19 |           | CUP402*    | 60.00   |
| 13 x 21 |           | AJ655      | 60.00   |
| 13 x 21 |           | CUP404*    | 60.00   |
| 13 x 23 |           | AJ660      | 60.00   |
| 13 x 23 |           | CUP408*    | 60.00   |
| 13 x 25 | AJ701     | AJ700      | 60.00   |
| 13 x 25 |           | CUP410*    | 60.00   |
| 13 x 27 | AJ703     | AJ702      | 60.00   |
| 13 x 29 | AJ705     | AJ704      | 60.00   |

\*PROPS WITH HUB EXHAUST AND RUBBER HUB BUSHING.

### MERCURY 'BP' 100-125 H.P.

| SIZE    | LEFT HAND | RIGHT HAND | PRICE   |
|---------|-----------|------------|---------|
| 12 x 19 | AJ219     | AJ619      | \$60.00 |
| 12 x 21 | AJ221     | AJ621      | 60.00   |
| 12 x 23 | AJ223     | AJ623      | 60.00   |
| 12 x 25 | AJ225     | AJ625      | 60.00   |
| 12 x 27 | AJ227     | AJ627      | 60.00   |
| 12 x 29 | AJ229     | AJ629      | 60.00   |

### CHRYSLER 75-105 H.P. (RACING LOWER UNIT)

| SIZE    | LEFT HAND | RIGHT HAND | PRICE   |
|---------|-----------|------------|---------|
| 10 x 14 | AJ319     | AJ320      | \$40.00 |
| 10 x 16 | AJ327     | AJ328      | 40.00   |

### EVINRUDE-JOHNSON GT-115 & X115

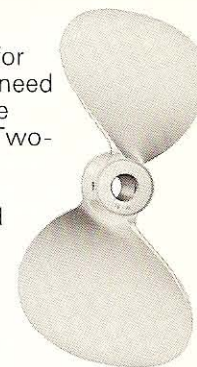
| SIZE    | LEFT HAND | RIGHT HAND | PRICE   |
|---------|-----------|------------|---------|
| 13 x 19 | AJ710     | AJ711      | \$70.00 |
| 13 x 21 | AJ712     |            | 70.00   |
| 13 x 23 | AJ714     | AJ715      | 70.00   |
| 13 x 25 | AJ716     |            | 70.00   |
| 13 x 27 | AJ718     |            | 70.00   |
| 13 x 29 | AJ720     |            | 70.00   |

### MERCURY—SUPER SPEEDMASTER—SPLINED SHAFT

| SIZE    | LEFT HAND | RIGHT HAND | PRICE   |
|---------|-----------|------------|---------|
| 9¾ x 14 | AJ291     | AJ292      | \$50.00 |
| 9¾ x 15 | AJ293     | AJ294      | 50.00   |
| 9¾ x 16 | AJ295     | AJ296      | 50.00   |
| 9¾ x 17 | AJ297     | AJ298      | 50.00   |
| 9¾ x 18 | AJ299     | AJ300      | 50.00   |

## TACKLE BOX PROPELLERS

The ultra-economy prop you carry strictly for emergency . . . in case you're disabled and need a spare to get you home. Quality units, made of durable high strength aluminum alloy. Two-blade general utility design in three basic sizes only, to fit Evenrude-Johnson-Gale. No cushion hubs. No fancy finishing. Used without plastic cap, cotter pin or standard drive pin. A bolt-on drive pin is provided.



|           |            |        |
|-----------|------------|--------|
| No. TB—20 | 15—20 h.p. | \$6.50 |
| No. TB—40 | 25—40 h.p. | 8.25   |
| No. TB—75 | 60—90 h.p. | 8.25   |

## SLIDING MOTOR BRACKET

For trolling or auxiliary motors on hi-transom boats. Bracket width 11".

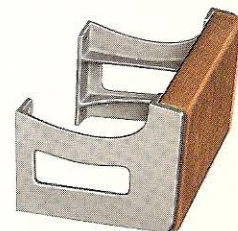
|                                       |         |
|---------------------------------------|---------|
| No. 516 (to 10 H.P.) 18" Rails . . .  | \$26.00 |
| No. 516A (to 10 H.P.) 24" Rails . . . | 30.00   |
| No. 530 (to 20 H.P.) 18" Rails . . .  | 40.00   |
| No. 530A (to 20 H.P.) 24" Rails . . . | 45.00   |



## No. 525 and No. 526 MOTOR BRACKET

Permanent mount for auxiliary or trolling motors. Hard maple, natural finish with sand-cast aluminum brackets.

|                                      |         |
|--------------------------------------|---------|
| No. 525 (to 10 H.P.) 8½' width . . . | \$14.00 |
| No. 526 (to 18 H.P.) 11" width . . . | 16.00   |



# prop repair



Most damaged Michigan props can be perfectly reconditioned, eliminating the risk of costly engine damage through use of a bent or out-of-balance propeller. Repairs should be entrusted only to the factory or one of our authorized service stations. This is particularly important in cushion type props used on gear-shift engines. Propellers can be completely ruined through attempted repairs by insufficiently equipped and inexperienced shops. Factory Repair Station: Michigan Wheel Company, 1501 Buchanan Avenue, S.W., Grand Rapids, Michigan 49502.

## FACTORY OUTBOARD & STERN DRIVE PROPELLER REPAIR PRICES

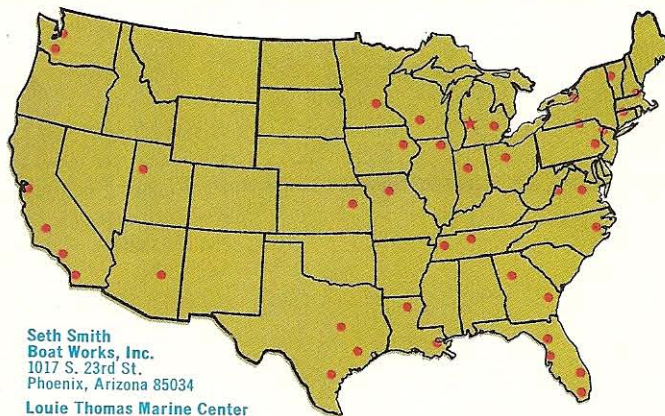
|  |         |
|--|---------|
| 6''—11'' dia. Bronze or Alum.....                    | \$ 8.50 |
| 11¼''—13'' dia. Bronze or Alum.....                  | 10.00   |
| 13¼''—15'' dia. Bronze or Alum.....                  | 13.50   |
| 15¼'' dia. and larger.....                           | 19.00   |
| CUPPED PROPS.....                                    | add 25% |
| PITCH change—new or undamaged props, at repair price |         |
| Dia. Reduction—thru 13'' dia.....                    | 5.50    |
| Dia. Reduction—13¼'' dia. & larger.....              | 9.90    |
| Pitch change—in addition to repair.....              | 5.00    |
| HUB REPLACEMENT—in addition to wheel repair, NET:    |         |
| Thru 18 h.p.....                                     | 2.20    |
| 19 h.p. thru 49 h.p.....                             | 3.30    |
| 50 h.p. thru 95 h.p.....                             | 4.30    |
| 100 h.p. and up.....                                 | 7.70    |
| HUB REPLACEMENT ONLY (prop not damaged)—NET:         |         |
| Thru 95 h.p.....                                     | 6.60    |
| 100 h.p. and up.....                                 | 9.00    |

## FACTORY INBOARD PROPELLER REPAIR PRICES (2- or 3-blade Manganese Bronze)

| Dia. | Price   | Dia. | Price   | Dia. | Price   | Dia. | Price   |
|------|---------|------|---------|------|---------|------|---------|
| 10'' | \$10.00 | 16'' | \$15.50 | 22'' | \$25.50 | 32'' | \$51.00 |
| 11'' | 10.50   | 17'' | 16.50   | 24'' | 30.00   | 34'' | 57.50   |
| 12'' | 11.00   | 18'' | 19.50   | 26'' | 33.50   | 36'' | 63.50   |
| 13'' | 11.50   | 19'' | 21.50   | 28'' | 38.00   | 38'' | 72.50   |
| 14'' | 12.50   | 20'' | 23.00   | 30'' | 42.50   | 40'' | 83.00   |
| 15'' | 14.50   |      |         |      |         |      |         |

Above 40''—on quotation

Ni-Bral or cast-steel add 25% to above/4 or 5 blades add 25% to above/Stainless Steel add 100% to above/Cupped Propellers add 25% to above.



**Seth Smith Boat Works, Inc.**  
1017 S. 23rd St.  
Phoenix, Arizona 85034

**Louie Thomas Marine Center**  
343 So. Atlantic Blvd.  
Los Angeles, Calif. 90022

**Shasta Propeller & Marine Sv.**  
4633 Shasta Dam  
Central Valley, Calif. 96019

**Thomson Machine Works**  
235 1st St.  
San Francisco, Calif. 94105

**Essex Machine Works Inc.**  
Essex, Conn. 06426

**Frank & Jimmie's Propeller Shop**  
100 S.W. 6th St.  
Ft. Lauderdale, Fla. 33301

**Diesel Engineers**  
2030 E. Adams St.  
Jacksonville, Fla. 32202

**Anchor Boat & Supply Co.**  
96 S.W. 7th St.  
Miami, Fla. 33130

**Southern Propeller Co.**  
Bldg. 32, Navy Yard  
Foot of Grant St.  
Tampa, Fla. 33605

**General Propeller Co.**  
1415 9th Ave., E.  
Bradenton, Fla. 33505

**Griffin's Outboard Marine Inc.**  
3700 N.E. Expressway  
Doraville, Ga. 30040

**Dixie Co.**  
512 Indian St.  
Savannah, Ga. 31401

**Air Marine**  
5638 Central Ave.  
Chicago, Ill. 60638

**Ray's Propeller Service**  
904 Irving Park Road  
Chicago, Ill. 60613

**Outboard Sales & Service**  
6334 Westfield Blvd.  
Indianapolis, Ind. 46220

**Lorenz & Jones**  
132 E. Grand Ave.  
Des Moines, Iowa 50309

**Midwest Propeller Service**  
P.O. Box 304  
Olathe, Kansas 66061

**Bonfanti, Inc.**  
5163 Greenwell Springs  
Baton Rouge, La. 70806

**Houma Machine & Marine Supply Inc.**  
1219 E. Main  
Houma, La. 70360

**Hardies Wagner Marine Supply Co.**  
12739 Earhart Blvd.  
New Orleans, La. 70113

**New England Propeller Service**  
67 Long Wharf  
Boston, Mass. 02110

**McClellan Brothers**  
108 Key Highway  
Baltimore, Md. 21230

**Johnny's Boat Propeller Sv.**  
17307 E. Warren  
Detroit, Michigan 48215

**Tribilt Mfg. Co. Inc.**  
3601 E. 27th St.  
Minneapolis, Minn. 55414

**Riviera Marina Inc.**  
Route #1  
St. Charles, Mo. 63301

**Tri State Marine Inc.**  
RR #4  
Ft. Lee, New Jersey 07024

**Rich Marine Sales**  
Foot of Amherst  
Buffalo, New York 14214

**Barbour Marine Supply**  
216 Front St.  
Beaufort, N.C. 28516

**Sante Marine Inc.**  
5308 Detroit Ave.  
Cleveland, Ohio 44102

**Gull Harbor**  
Box 3  
Huron, Ohio 44839

**Propeller Sales & Service**  
P.O. Box 185  
Westerville, Ohio 43081

**Wait Mfg. Co.**  
406 Peoria  
Tulsa, Oklahoma 74120

**Sheffield Marine Propeller**  
10002 N. Vancouver Way  
Portland, Oregon 97217

**Gochenaur Marine Supply Co.**  
2446 Germantown Ave.  
Philadelphia, Pa. 19133

**Keller Marine Service Inc**  
Port Trevorton, Pa. 17864

**Ed's Marine Shop**  
3291 Jackson Ave.  
Memphis, Tenn. 38122

**Mid-South Marine Supply**  
1019 S. 6th St.  
Nashville, Tenn. 37213

**Marine Propeller Works**  
P.O. Box 433  
Aransas Pass, Texas 78336

**James Propeller Service**  
10886 Harry Hines Blvd.  
Dallas, Texas 75220

**L. L. Walker Co.**  
609 S. 80th St.  
Houston, Texas 70112

**Gray's Motor Service**  
404 N. 2nd St. West  
Salt Lake City, Utah 84103

**Norfolk Marine Co.**  
5221 Virginia Beach Blvd.  
Norfolk, Va. 23502

**Apex Equipment Inc.**  
4001 21st St. West  
Seattle, Washington 98199

**H.D.F. Propeller Co.**  
4451 N.W. 14th Ave.  
Seattle, Wash. 98107

**Western Wright Marine**  
1525 Commerce  
Tacoma, Washington 98402

**Moe's Marine Service**  
19 Bellair Lane  
Oshkosh, Wisc. 54901

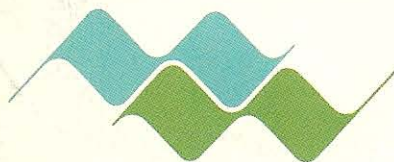
### OVERSEAS

**Brydon Brass Mfg. Co. Ltd.**  
Brydon Drive & Rexdale Blvd.  
Rexdale, Ontario, Canada

**France Intl. Representation**  
102-104 Ave. Andre-Magniot  
94 Vitry-Sur-Seine,  
Paris, France

**Ernst O. Hesse**  
Grafenberger Allee 325  
Dusseldorf, Germany

**G. S. Arph**  
Strandvagen 57  
Stockholm, Sweden



**MICHIGAN WHEEL  
COMPANY**

1501 BUCHANAN S.W.,  
GRAND RAPIDS, MICHIGAN 49502