

THE MICHIGAN PROPELLER.

A subsidiary of  Dana Corporation

MICHIGAN PROPELLERS CATALOG-1972 OUTBOARD

MICHIGAN MAKES THE BEST.

Since its very inception in 1903, Michigan Wheel Corporation has rigidly maintained the highest standards of quality and has unceasingly striven to produce the finest propellers money could buy.

Ours is 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 Michigan has over 2½ miles of shelving, to accommodate a stock of more than 75,000 finished propellers and has facilities for an additional 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 Corporation is universally recognized as the leading manufacturer of propellers in diameters up to and including 96 inches.

You leave nothing to chance when you buy Michigan. Every design and every feature of these quality wheels is proved in actual use before it is offered to boat owners. Michigan Wheel Corporation 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 every 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 results from this exceptional testing and quality control.

Machined-pitch process.

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 at right, which carves the original wood patterns of all Michigan propellers, and machines each of the permanent metal patterns

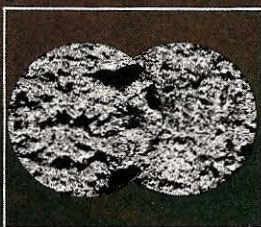


HERE'S HOW.

with pinpoint accuracy, a critical initial step in production of absolutely accurate props.

The metals.

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



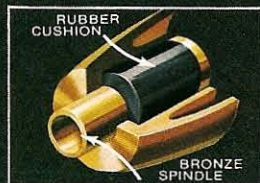
Michigan Wheel HIGH-STRENGTH ALUMINUM is an exclusive Michigan alloy. Tensile strength: 40,000 lbs. psi; yield strength: 20,000 lbs. psi; elongation 9%. Salt water resistant. Far superior...the only aluminum that gives satisfaction under the severe service conditions of large, high-powered motors. You can see why when you compare the magnified cross-section photos of a typical die-cast propeller and Michigan's sand-cast aluminum prop alloy. The 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. psi minimum; yield: 35,000 lbs. psi minimum; elongation: 27%. Over 1 million bronze outboard props for gear shift motors sold in recent

years. Distinct advantage of great initial impact strength keeps damage to a minimum...a safety factor. No other aluminum alloy used in the marine field has physical properties equal to Michalum — though it cannot have properties equaling Michalloy-K Bronze.

Cushion hub.

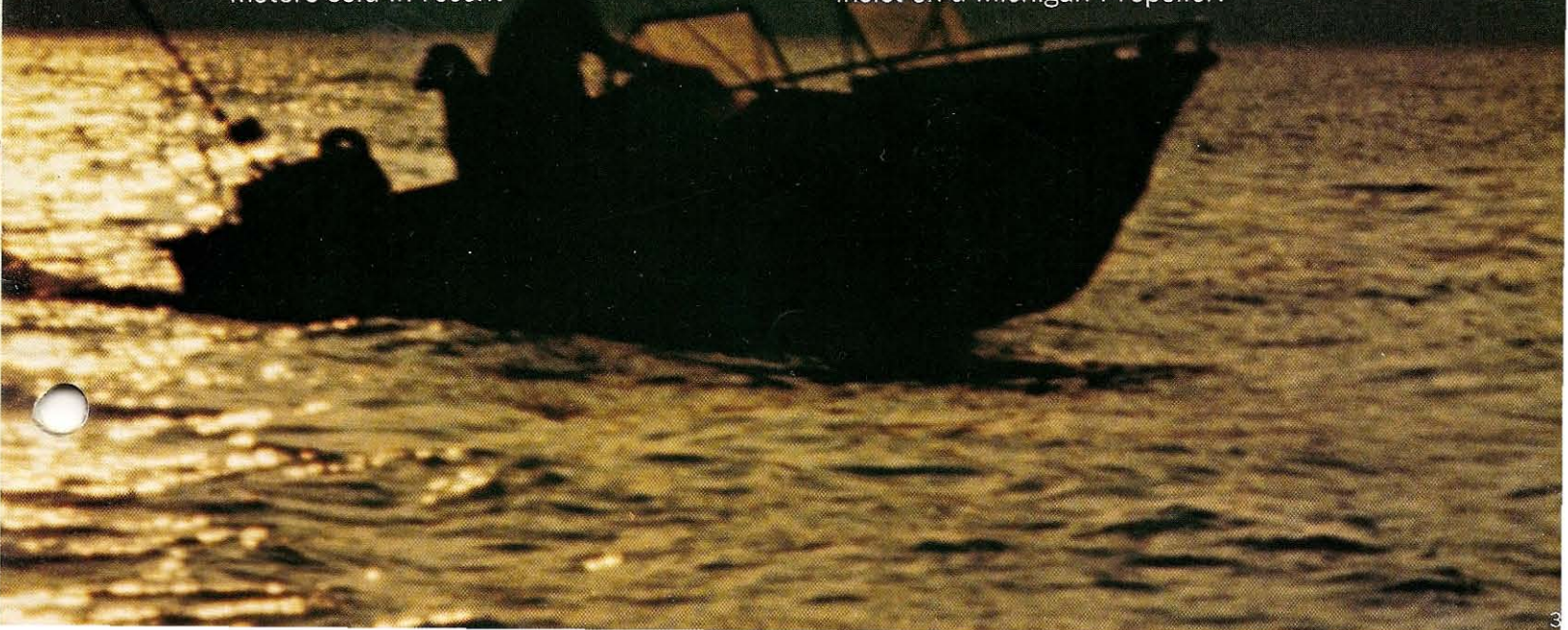
An important protection feature on propellers used with most gear shift motors. In shifting, with most modern motors, gears are subject to shock...as a result, most engine makers provide propellers with built-in shock absorbing cushions in the hub, to prevent breakage. In designing replacement props, Michigan works closely with these manu-



facturers to match, and often excel, original equipment, providing the strongest unbreakable cushion hubs in the industry.

Warranty.

Your new Michigan Prop is warranted 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 consistently high quality...your assurance of value when you insist on a Michigan Propeller.



MICHIGAN ANSWERS YOUR PERFORMANCE QUESTIONS.

Q. What prop should I use with my boat and motor?

A. 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, it may be necessary to select one or two propellers for best results.

Q. Why change propellers?

A. 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. Exces-

sive rpm with its increased friction and wear is harmful. It is equally 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.

Q. What are diameter and pitch?

A. 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.

Q. Why do outboards of the same power sometimes take different prop sizes?

A. 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.

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

Q. Can a change of propeller help me in water skiing?

A. 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.

Q. What is the correct transom height for my outboard engine?

A. 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 be determined only by experimenting...get the engine as high as possible, or to the point just before propeller cavitates excessively.

Q. What is the best tilt-setting or shaft angle for my outboard?

A. 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 toward 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.

Q. Will a different prop correct bad torque action (listing and hard steering)?

A. 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 tends 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 under way. 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 sitting level. Steering linkage should have enough adequate sized pulleys, properly swiveled and with the right cable tension. Check boat bottom for warping or other distortion which could cause difficulty.

Q. Will a bronze prop hurt my motor?

A. 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. You may frequently 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.

Q. Is it advisable to have outboard propellers repaired?

A. Depends on the material. Those made of bronze or sand-cast aluminum are repairable at about one-third to one-half 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 die-cast.) It is advisable to discard such propellers and replace with the more durable sand-cast aluminum or bronze.

MICHIGAN MAKES THESE PROPS.

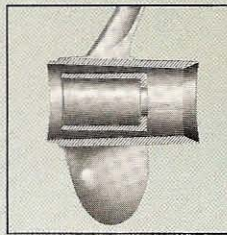
DQ. Due to popular demand, Michigan Wheel Corporation introduces a new line of 4-blade propellers for outboards in the well-known inboard "Dyna-Quad" style.

The "DQ" is especially suited to heavy-load boats with engines of 40 hp or over, and provides faster acceleration, greater maneuverability, and reduced vibration. Possibility of damage is lessened due to closer blade proximity. These advantages should be of particular value in applications to houseboats and large outboards where good load-carrying performance is necessary. The new 4-blade "DQ" is available in a broad range of sizes, some in the well-known Prop-Rider line, cast of easily repaired high-strength aluminum.

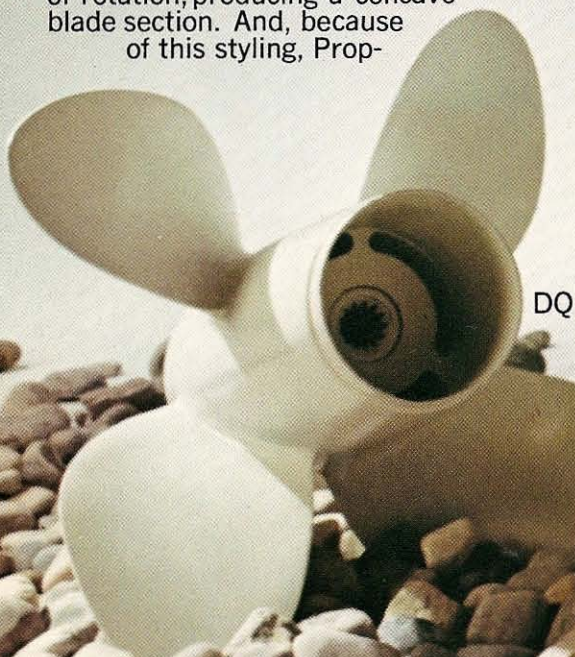
Prop-Rider. Revolutionary in design, unbeatable in performance...offers 2 to 3 mph speed increases, and better performance than any conventional props on planing boats. Lightweight boats experience even more dramatic results. This previously unattainable efficiency results from a special pitch generation 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 high-strength aluminum.

Bazooka Hub. 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 1/2 to 3/4 mph as a result of hub design alone...2 to 3 mph increases over original equipment are common when combined with

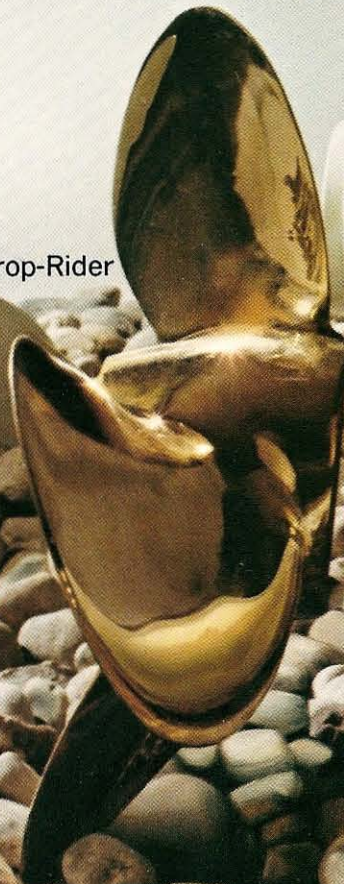


other Michigan prop features. The "Bazooka" design secret is an internal flare, or venturi shape... which provides exhaust-sucking action without impairing the flow of water over the hub. Available in Michigan aluminum and bronze alloys, for most major engine makes.



DQ

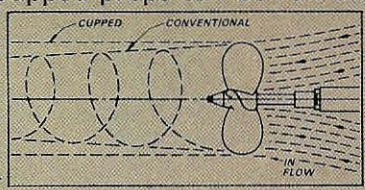
Prop-Rider



Bazooka Hub

Economy. 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 proved 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. psi with 1/2% 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. psi, yield strength of 20,000 lbs. psi, 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.

Cupped Edge. Made for all 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 pickup. 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 cat-



alog can be ordered with cupped blade edges, either bronze or aluminum, through 14" diameter — \$4.50 net; 14 1/4" and larger — \$6.50 net.

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" on diameters 13" and smaller. Larger sizes, reduce pitch 2" to maintain same rpm.

Bronze. No other wheels can offer the strength and repairability of Michigan Bronze Props. Polished to mirror brightness for maximum performance...normally 2-plus mph over die-cast props. Features: machined-pitch construction; cushion 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.

Aluminum. 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, permitting blades to 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. psi with 1/2% elongation, and which are rarely repairable. Michigan Aluminum Props are cast of an alloy with a tensile strength of 40,000 lbs. psi, yield strength of 20,000 lbs. psi, and elongation of 9%. Finish is very hard, durable white enamel.



Economy

Cupped Edge

Aluminum
Bronze

MICHIGAN HELPS YOU CHOOSE

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 alphabetically in the first column...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 description most nearly fitting your situation. Opposite this, in the remaining columns, you will see the recommended wheels in Bronze and Aluminum with their prices.

ECONOMY PROPS

MOTOR & MODEL	YEAR	BOAT SIZE AND RECOMMENDATION	OMC PART NO.	PART NO.	BLADES	DIA. & PITCH	PRICE
EVINRUDE-JOHNSON-GALE—PAINTED ALUMINUM							
3-4 HP—Anglematic	55-72	Standard Replacement	203919	PJ3	3	6½x 4½	\$ 6.00
3-4 HP—Right Angle	64-72	Standard Replacement	310208	PJ5	3	8 x 4½	6.00
		12'-14' Boats—Light Loads	315858	PJ6	3	8 x 5½	6.00
5 HP	65-68	12'-14' Boats—Light Loads	380104	PJ7	3	8 x 7½	7.50
5½-6 HP	56-65	12'-14' Boats—Light Loads	376968	PJ300	2	8 x 7½	7.00
6 HP	66-72	12'-14' Boats—Light Loads	380958	PJ8	2	8 x 7½	8.50
9½-10 HP	56-72	14'-16' Boats—All Loads	383315	PJ11	3	8½x 8	10.50
		12'-14' Boats—Light Loads	377635	PJ10	3	8½x 8½	10.50
10 HP	50-57	12'-14' Boats—Light Loads	377083	PJ9	3	9 x 8	12.50
14-15-18-20 HP Also 25 HP-1969-72	50-72	12'-14' Boats—Heavy Loads	383629	PJ16	3	9 x10	12.60
		12'-14' Boats—Heavy Loads	381801	PJ17	3	9 x10½	12.60
		14'-16' Boats—Heavy Loads	379717	PJ19	3	9 x 9	12.60
		12'-14' Boats—Light Loads	377636	PJ18	3	9½x11	13.70
22-28-30-33-35-40 HP Also 25 HP-51-55	51-72	Cruisers, Houseboats, Sailboats		PJ41	3	10½x10	17.10
		17'-19' Boats—All Loads, Skis	378581	PJ31	3	10½x11½	17.10
		14'-16' Boats—All Loads, Skis	378580	PJ30	3	10½x12½	17.10
		14'-16' Boats—All Loads, Skis	380637	PJ32	3	10½x12	17.10
		14'-16' Boats—Light Loads	378579	PJ35	3	10½x13½	17.10
		12'-14' Boats—Light Loads	378571	PJ40	3	10½x14	17.10
		14'-16' Boats—Light Loads	384460	PJ42	3	10½x13	17.10
50 HP Also 60-65 HP with Heavy Duty Gear Case	58-68	Cruisers, Houseboats, Sailboats		PJ51	3	13 x 8	26.00
		Cruisers, Houseboats, Sailboats		PJ52	3	13 x 9	26.00
		Cruisers, Houseboats, Sailboats		PJ56	3	13½x 9	26.00
		20'-24' Boats—All Loads		PJ53	3	13 x10	26.00
		14'-16' Boats—All Loads, Skis	278155	PJ50	3	12½x14	22.40
60-65-75-80-85-90 HP	60-68	17'-19' Boats—All Loads, Skis	379260	PJ74*	3	10 x 9½	16.80
		17'-19' Boats—All Loads, Skis	378040	PJ75	3	10½x10	19.00
		17'-19' Boats—All Loads, Skis	593437	PJ78	3	9½x10	16.80
		16'-17' Boats—All Loads, Skis	377978	PJ76	3	10 x11	16.80
		16'-17' Boats—All Loads, Skis	381446	PJ73*	3	10 x11	16.80
		14'-16' Boats—All Loads, Skis	378039	PJ77	3	10 x12	16.80
*Small Hub Prop—uses special Small Nut—Part No. NP74 at \$1.00 list							
50-55-60-65-80-85-100-	68-72	17'-19' Boats—All Loads, Skis	382763	PJ80	3	13½x15	30.50
115-125 HP Thru Hub Exhaust Props With Diffuser Ring		14'-16' Boats—All Loads, Skis	382764	PJ81	3	13½x17	30.50
		14'-16' Boats—Light Loads	382765	PJ82	3	13 x19	30.50
		12'-14' Boats—Light Loads	382766	PJ83	3	13 x21	30.50
		Light Runabouts—Light Loads	384136	PJ84	3	12½x23	30.50
GALE 12-14-15 HP	51-63	12'-14' Boats—All Loads, Skis	376737	PJ14	3	9 x11	11.60
MERCURY							
NEAREST MERCURY EQUIVALENT							
39-40	68-72	Standard Replacement	48-47940A1	PM16	2	8½x 6	10.50
Merc 75-110	68-72	Standard Replacement	48-47922A1	PM21	2	9 x 9	10.50
		Light Runabouts—Light Loads	48-47926A1	PM19	2	9 x10	10.50
		14'-16' Boats—All Loads, Skis	48-47670A1	PM20	3	9 x 7	18.90
Merc 200	63-72	14'-16' Boats—All Loads, Skis	48-33482A1	PM26	3	9½x 9	18.90
		Standard Replacement	48-33480A1	PM30	2	10 x11	17.90
400-402-500 Thru Hub Exhaust	70-72	14'-16' Boats—Light Loads	48-56234A1	PM580	2	10½x13	23.10
		14'-16' Boats—All Loads, Skis	48-56238A1	PM581	2	10½x12	23.10
		17'-19' Boats—All Loads, Skis	48-56242A1	PM582	2	10½x11	23.10

(Cont.)

ECONOMY (Cont.)

MOTOR & MODEL	YEAR	BOAT SIZE AND RECOMMENDATION	OMC PART NO.	PART NO.	BLADES	DIA. & PITCH	PRICE
Merc 650	1972	12'-14' Boats—Light Loads	A-48-61824A1	PM513	3	10 $\frac{3}{4}$ x16	\$ 30.00
		14'-16' Boats—Light Loads	A-48-61820A1	PM518	3	11 $\frac{1}{4}$ x14	30.00
		15'-17' Boats—All Loads, Skis	A-48-61816A1	PM524	3	11 $\frac{3}{4}$ x12	30.00
		18'-21' Boats—All Loads	A-48-61812A1	PM530	3	12 $\frac{1}{4}$ x10	30.00
650-700A-800 1000, 1100, 1150	61-72	16'-17' Boats—All Loads, Skis	48-31072A1	PM801	2	13 $\frac{3}{8}$ x17	28.00
		14'-16' Boats—All Loads, Skis	48-31080A1	PM800	2	13 $\frac{3}{8}$ x19	28.00
800a, 850, 900, 950, 1250-1350-1400		12'-14' Boats—Light Loads	48-31454A3	PM1000	2	13 $\frac{3}{8}$ x21	28.00

CHRYSLER

BRONZE

ALUMINUM

MOTOR & MODEL	YEAR	BOAT SIZE AND RECOMMENDATION	PART NO.	BLADES	DIA. & PITCH	PRICE	PART NO.	BLADES	DIA. & PITCH	PRICE
3.5-3.6 HP	64-72	Standard Replacement					G20	2	7 $\frac{1}{2}$ x 4 $\frac{1}{2}$	\$ 7.50
4.4-5 HP	68-70	Standard Replacement					PC4	2	7 x 4 $\frac{3}{4}$	12.60
6 HP	71-72	Standard Replacement					PC9	2	8 x 5	12.60
5 $\frac{1}{2}$ -6 HP	56-59	Standard Replacement					GC54	2	7 $\frac{1}{2}$ x 7	10.40
6 HP	64-67									
6.6-7-8 HP	68-72	Standard Replacement					PC6	2	7 $\frac{1}{2}$ x 6 $\frac{1}{4}$	12.60
7 $\frac{1}{2}$ -9.2 HP	56-67	Cruisers, Houseboats, Sailboats					AMC320	3	8 x 5 $\frac{1}{2}$	14.20
		14'-16' Boats—All Loads, Skis	AMC302	3	8 x 7	\$16.30				
		12'-14' Boats—Light Loads					GC55	2	8 x 8	11.00
9.9 HP	68-72	Light Runabouts—Light Loads					PC14	2	8 x 8 $\frac{3}{4}$	12.60
		Standard Replacement					PC12	2	8 $\frac{1}{4}$ x 8 $\frac{1}{4}$	12.60
		14'-16' Boats—All Loads, Skis					PC10	2	8 $\frac{1}{4}$ x 8	12.60
12.9 HP	71-72	Standard Replacement				PC20	3	8 $\frac{1}{2}$ x 8 $\frac{1}{4}$	14.20	
16-20 HP	59-67	17'-19' Boats—All Loads, Skis					AMC359	3	8 $\frac{1}{2}$ x 7 $\frac{1}{2}$	18.90
		Standard Replacement					AMC365	3	8 $\frac{1}{2}$ x 8 $\frac{1}{2}$	18.90
		14'-16' Boats—All Loads, Skis					AMC353	3	8 $\frac{1}{2}$ x 9	18.90
20 HP	68-72	Standard Replacement					AMC490	3	8 $\frac{1}{2}$ x 8 $\frac{1}{2}$	18.90
		14'-16' Boats—All Loads, Skis	PR5	3	8 $\frac{1}{2}$ x 8	23.10	PR4	3	8 $\frac{1}{2}$ x 8	19.50
		12'-14' Boats—Light Loads	PR9	3	8 $\frac{1}{2}$ x10	23.10	PR8	3	8 $\frac{1}{2}$ x10	19.50
40-50 HP	61-65	16'-17' Boats—All Loads, Skis	SMC714	3	10 $\frac{1}{2}$ x12	29.40	SMC715	3	10 $\frac{1}{2}$ x12	20.50
		14'-16' Boats—All Loads, Skis					SMC713	3	10 $\frac{1}{2}$ x13	20.50
35-45-50-55 HP Splined Shaft	66-72	Cruisers, Houseboats, Sailboats					AMC308	3	10 $\frac{3}{8}$ x10	20.50
		17'-19' Boats—All Loads, Skis	PR131	3	10 $\frac{1}{4}$ x11	33.60	PR130	3	10 $\frac{1}{4}$ x11	22.00
		16'-17' Boats—All Loads, Skis	PR133	3	10 $\frac{1}{4}$ x12	33.60	PR132	3	10 $\frac{1}{4}$ x12	22.00
		14'-16' Boats—All Loads, Skis	PR135	3	10 $\frac{1}{4}$ x13	33.60	PR134	3	10 $\frac{1}{4}$ x13	22.00
		14'-16' Boats—Light Loads	PR137	3	10 $\frac{1}{4}$ x14	33.60	PR136	3	10 $\frac{1}{4}$ x14	22.00
		Light Runabouts—Light Loads	PR139	3	10 $\frac{1}{4}$ x15	33.60	PR138	3	10 $\frac{1}{4}$ x15	22.00
		12'-14' Boats—Light Loads	AJC310	2	10 $\frac{1}{2}$ x15	32.30	AJC311	2	10 $\frac{1}{2}$ x15	20.80
75 HP Splined Shaft	66-67	Cruisers, Houseboats, Sailboats	SMC71	3	13 x10	46.20	SMC90	3	13 x10	33.60
		20'-24' Boats—One Engine					SMC73	3	12 $\frac{1}{2}$ x11	30.00
		17'-19' Boats—All Loads, Skis	SMC75	3	12 $\frac{1}{2}$ x12	46.20	SMC74	3	12 $\frac{1}{2}$ x12	30.00
		16'-17' Boats—All Loads, Skis	SMC77	3	12 $\frac{1}{2}$ x13	46.20	SMC76	3	12 $\frac{1}{2}$ x13	30.00
		14'-16' Boats—All Loads, Skis	SMC79	3	12 $\frac{1}{2}$ x14	46.20	SMC78	3	12 $\frac{1}{2}$ x14	30.00
		Light Runabouts—Light Loads	AJC489	2	12 x15	46.20				
80 HP	61-65	Cruisers, Houseboats, Sailboats	SMC72	3	13 x 8	47.80	PJ51	3	13 x 8	26.00
		20'-24' Boats—One Engine	SMC68	3	12 $\frac{1}{2}$ x12	47.80	SMC69	3	12 $\frac{1}{2}$ x12	28.90
		17'-19' Boats—All Loads, Skis	SMC60	3	12 $\frac{1}{2}$ x13	47.80	SMC61	3	12 $\frac{1}{2}$ x13	28.90
		16'-17' Boats—All Loads, Skis	SMC62	3	12 $\frac{1}{2}$ x14	47.80	PJ50	3	12 $\frac{1}{2}$ x14	22.40
		14'-16' Boats—All Loads, Skis					SMC65	3	12 $\frac{1}{2}$ x15	28.90
		Light Runabouts—Light Loads	AJC487	2	12 x16	47.80				
105 HP Splined Shaft	66-67	Cruisers, Houseboats, Sailboats	SMC83	3	13 x12	50.00	SMC82	3	13 x12	33.60
		20'-24' Boats—One Engine	SMC85	3	13 x13	50.00	SMC84	3	13 x13	33.60
		17'-19' Boats—All Loads, Skis					SMC86	3	13 x14	33.60
		16'-17' Boats—All Loads, Skis	SMC89	3	13 x15	50.00	SMC88	3	13 x15	33.60
		Racing Runabouts	AJC504	2	13 x17	50.00				
70-75-85-105 HP Splined Shaft For 70-75-85 HP Reduce Pitch 2"	68-70	Cruisers, Houseboats	PR64	3	13 x13	50.00	PR65	3	13 x13	34.70
		20'-24' Boats—One Engine	PR66	3	13 x14	50.00	PR67	3	13 x14	34.70
		17'-19' Boats—All Loads, Skis	PR68	3	13 x15	50.00	PR69	3	13 x15	34.70
		16'-17' Boats—All Loads, Skis	PR70	3	13 x16	50.00	PR71	3	13 x16	34.70
		14'-16' Boats—All Loads, Skis	PR54	3	13 x18	50.00	PR55	3	13 x18	34.70
		12'-14' Boats—Light Loads					PR57	3	13 x19	34.70
		Light Runabouts—Light Loads	AJC84	2	13 x19	50.00	AJC85	2	13 x19	34.70
70-85-105-120-130 HP For 70-85 HP Reduce Pitch 2"	70-72	Cruisers, Houseboats	PR75	3	13 $\frac{1}{8}$ x11	51.50	PR74	3	13 $\frac{1}{8}$ x11	37.60
		20'-24' Boats—One Engine	PR77	3	13 $\frac{1}{8}$ x13	51.50	PR76	3	13 $\frac{1}{8}$ x13	37.60
		17'-19' Boats—All Loads, Skis	PR79	3	13 $\frac{1}{8}$ x15	51.50	PR78	3	13 $\frac{1}{8}$ x15	37.60
		16'-17' Boats—All Loads, Skis	PR81	3	13 $\frac{1}{8}$ x17	51.50	PR80	3	13 $\frac{1}{8}$ x17	37.60
		14'-16' Boats—All Loads, Skis	PR83	3	13 $\frac{1}{8}$ x19	51.50	PR82	3	13 $\frac{1}{8}$ x19	37.60
		14'-16' Boats—Light Loads	PR-85	3	13 $\frac{1}{8}$ x21	51.50	PR84	3	13 $\frac{1}{8}$ x21	37.60
		Light Runabouts—Light Loads	AJC720	2	13 x21	51.00	AJC722	2	13 x21	37.30
		Light Runabouts—Light Loads	AJC724	2	13 x23	51.00	AJC726	2	13 x23	37.30

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	60-69	Standard Replacement					SA10	2	7 $\frac{1}{2}$ x 6	\$ 7.60
		Cruisers, Houseboats, Sailboats					SA12	2	7 $\frac{1}{2}$ x 5	9.50
3, 3.5, 3.6, 4, 4.5, 5 HP	70-72	Standard Replacement					G20	2	7 $\frac{1}{2}$ x 4 $\frac{1}{2}$	7.50
5-5 $\frac{1}{2}$ -7 HP	70-72	Standard Replacement					G30	2	7 $\frac{1}{2}$ x 5 $\frac{1}{2}$	7.50
		Standard Replacement					G45	3	6 $\frac{1}{2}$ x 6 $\frac{1}{2}$	9.50
7 $\frac{1}{2}$ HP	60	12'-14' Boats—Light Loads					SAC371	3	6 x 6	14.70
		Light Runabouts—Light Loads					AJC63	2	6 x 8	10.40
9HP	67-70	Standard Replacement					SMC23	3	8 $\frac{1}{4}$ x 8 $\frac{1}{2}$	14.70
		14'-16' Boats—All Loads, Skis					SMC24	3	8 $\frac{1}{4}$ x 7 $\frac{1}{2}$	14.70
12-14 HP	60-70	14'-16' Boats—All Loads, Skis	AMC534	3	8 $\frac{1}{4}$ x 7	\$18.90				
		14'-16' Boats—Light Loads	AMC533	3	8 $\frac{1}{4}$ x 8	18.90				
		Standard Replacement					AMC535	3	8 $\frac{1}{4}$ x 8 $\frac{1}{2}$	12.60
		Light Runabouts—Light Loads					AMC532	3	8 $\frac{1}{4}$ x 9	12.60
25-28 HP	60-70	Cruisers, Houseboats, Sailboats					SMC846	3	9 x 7	17.30
		14'-16' Boats—All Loads, Skis	SMC849	3	9 x 9	24.20	SMC848	3	9 x 9	17.30
		Standard Replacement	SMC851	3	9 x 10	24.20	PS25	3	9 x 10	16.30
		Light Runabouts—Light Loads	AJC518	2	9 $\frac{1}{2}$ x11 $\frac{1}{2}$	24.20				
35 HP	1965	16'-17' Boats—All Loads, Skis					SMC717	3	10 $\frac{1}{2}$ x11	20.50
		14'-16' Boats—All Loads, Skis	SMC714	3	10 $\frac{1}{2}$ x12	29.40	SMC715	3	10 $\frac{1}{2}$ x12	20.50
40-45 HP	59-70	17'-19' Boats—All Loads, Skis	SMC636	3	10 x 10	26.80	SMC635	3	10 x 10	20.50
		16'-17' Boats—All Loads, Skis	SMC638	3	10 x 11	26.80	SMC637	3	10 x 11	20.50
		14'-16' Boats—All Loads, Skis	SMC640	3	10 x 12	26.80	PS40	3	10 x 12 $\frac{1}{2}$	18.40
		14'-16' Boats—Light Loads					SMC641	3	10 x 13	20.50
		12'-14' Boats—Light Loads					SMC697	3	10 x 14	20.50
60-75 HP	59-70	Cruisers, Houseboats, Sailboats	SMC629	3	11 $\frac{1}{2}$ x 8	42.00	PS76	3	11 $\frac{1}{2}$ x 8	22.00
		20'-24' Boats—One Engine					PS74	3	11 $\frac{1}{2}$ x10	22.00
		17'-19' Boats—All Loads, Skis	SMC626	3	11 $\frac{1}{2}$ x11	42.00	PS73	3	11 $\frac{1}{2}$ x11	22.00
		16'-17' Boats—All Loads, Skis	SMC628	3	11 $\frac{1}{2}$ x12	42.00	PS71	3	11 $\frac{1}{2}$ x12	22.00
		14'-16' Boats—All Loads, Skis	SMC620	3	11 $\frac{1}{2}$ x13	42.00	PS72	3	11 $\frac{1}{2}$ x13	22.00
		14'-16' Boats—Light Loads					PS70	3	11 $\frac{1}{2}$ x14	22.00

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	66-68	Cruisers, Houseboats	PR117	3	14 x 10	\$67.20	PR116	3	14 x 10	\$45.70
		Cruisers, Houseboats					DQ218	4	14 x 10	57.80
		20'-24' Boats—One Engine	PR114	3	14 x 11	67.20	PR115	3	14 x 11	45.70
		20'-24' Boats—One Engine	PR119	3	14 x 12	67.20	PR118	3	14 x 12	45.70
		17'-19' Boats—All Loads, Skis	PR104	3	13 x 14	52.00	PR105	3	13 x 14	45.70
		16'-17' Boats—All Loads, Skis	PR106	3	12 $\frac{1}{2}$ x15	52.00	PR107	3	12 $\frac{1}{2}$ x15	45.70
		14'-16' Boats—All Loads, Skis	PR108	3	12 $\frac{1}{2}$ x16	52.00	PR109	3	12 $\frac{1}{2}$ x16	45.70
		14'-16' Boats—Light Loads	PR110	3	12 $\frac{1}{2}$ x17	52.00	PR111	3	12 $\frac{1}{2}$ x17	45.70
		Light Runabouts—Light Loads	PR112	3	12 $\frac{1}{2}$ x18	52.00	PR113	3	12 $\frac{1}{2}$ x18	45.70
		Light Runabouts—Light Loads	AJC223	2	13 $\frac{1}{2}$ x18	54.30				
		Racing Runabouts	AJC225	2	13 $\frac{1}{2}$ x19	54.30				
		60, 65, 75, 80, 85, 90 HP	60-68	Barges, Heavy Boats					SMC865	3
20'-24' Boats—One Engine	SMC863			3	10 $\frac{1}{2}$ x 8	34.70	SMC864	3	10 $\frac{1}{2}$ x 8	20.80
17'-19' Boats—All Loads, Skis	SMC861			3	10 $\frac{1}{4}$ x 9	34.70	SMC862	3	10 $\frac{1}{4}$ x 9	20.80
17'-19' Boats—All Loads, Skis	SMC855			3	10 $\frac{1}{4}$ x10	34.70	PJ75	3	10 $\frac{1}{4}$ x10	19.00
16'-17' Boats—All Loads, Skis	SMC857			3	10 $\frac{1}{2}$ x11	34.70	PJ76	3	10 x 11	16.80
14'-16' Boats—All Loads, Skis	SMC859			3	10 x 12	34.70	PJ77	3	10 x 12	16.80
14'-16' Boats—Light Loads	SMC866			3	10 x 13	34.70	SMC867	3	10 x 13	20.80
12'-14' Boats—Light Loads	SMC868			3	10 x 14	34.70	SMC869	3	10 x 14	20.80
Light Runabouts—Light Loads	AJC455			2	10 $\frac{1}{2}$ x15	38.30				
50-55-60-65 HP Thru Hub Exhaust	68-72	Cruisers, Houseboats					DQ320	4	14 x 10	40.50
		Cruisers, Houseboats	PR291	3	14 x 11	69.30	PR290	3	14 x 11	33.60
		17'-19' Boats—All Loads, Skis					DQ328	4	14 x 12	40.50
		17'-19' Boats—All Loads, Skis					PR288	3	14 x 13	33.60
		16'-17' Boats—All Loads, Skis					DQ336	4	14 x 14	40.50
		16'-17' Boats—All Loads, Skis	PR287	3	13 $\frac{1}{2}$ x15	69.30	PR286	3	13 $\frac{1}{2}$ x15	33.60
		14'-16' Boats—All Loads, Skis	PR285	3	13 $\frac{1}{2}$ x17	69.30	PR284	3	13 $\frac{1}{2}$ x17	33.60
		14'-16' Boats—Light Loads	PR283	3	13 $\frac{1}{2}$ x19	69.30	PR282	3	13 $\frac{1}{2}$ x19	33.60
		12'-14' Boats—Light Loads	PR281	3	13 $\frac{1}{2}$ x21	69.30	PR280	3	13 $\frac{1}{2}$ x21	33.60
		Light Runabouts—Light Loads	AJC320C	2	13 $\frac{3}{4}$ x21	69.30	AJC321C	2	13 $\frac{3}{4}$ x21	35.70
		Light Runabouts—Light Loads	AJC322C	2	13 $\frac{3}{4}$ x23	69.30	AJC323C	2	13 $\frac{3}{4}$ x23	35.70
		Light Runabouts—Light Loads	AJC324C	2	13 $\frac{3}{4}$ x25	69.30	AJC325C	2	13 $\frac{3}{4}$ x25	35.70

(Cont.)

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		
85-100-115-125 HP Thru Hub Exhaust	68-72	Cruisers, Houseboats	PR291	3	14 x11	\$69.30	PR290	3	14 x11	\$33.60		
		Cruisers, Houseboats					DQ320	4	14 x10	40.50		
		20'-24' Boats—One Engine					PR288	3	14 x13	33.60		
		20'-24' Boats—One Engine					DQ328	4	14 x12	40.50		
		19'-21' Boats—All Loads, Skis	PR287	3	13½x15	69.30	PR286	3	13½x15	33.60		
		19'-21' Boats—Light Loads					DQ336	4	14 x14	40.50		
		17'-19' Boats—Light Loads	PR285	3	13½x17	69.30	PR284	3	13½x17	33.60		
		14'-16' Boats—Light Loads	PR283	3	13½x19	69.30	PR282	3	13½x19	33.60		
		14'-16' Boats—Light Loads	PR281	3	13½x21	69.30	PR280	3	13½x21	33.60		
		Light Runabouts—Light Loads	AJC320-C	2	13½x21	69.30	AJC321-C	2	13½x21	35.70		
		Light Runabouts—Light Loads	AJC322-C	2	13½x23	69.30	AJC323-C	2	13½x23	35.70		
		Light Runabouts—Light Loads	AJC324C	2	13½x25	69.30	AJC325C	2	13½x25	35.70		
		50 HP Also 60-65 HP with Heavy Duty Gear Case	58-68	Cruisers, Houseboats, Sailboats	SMC72	3	13 x 8	47.80	PJ51	3	13 x 8	26.00
17'-19' Boats—All Loads, Skis	SMC68			3	12½x12	47.80	SMC69	3	12½x12	28.90		
16'-17' Boats—All Loads, Skis	SMC60			3	12½x13	47.80	SMC61	3	12½x13	28.90		
14'-16' Boats—All Loads, Skis	SMC62			3	12½x14	47.80	PJ50	3	12½x14	22.40		
14'-16' Boats—Light Loads							SMC65	3	12½x15	28.90		
Light Runabouts—Light Loads	AJC487			2	12 x16	47.80						
22, 28, 30, 33, 35, 40 HP Also 25 HP—51-55	51-72	Barges, Extra Heavy Boats	SMC48	3	10½x 8	29.40	SMC47	3	10½x 8	20.50		
		20'-24' Cruisers—One Engine	PR91	3	10½x10	31.50	PR90	3	10½x10	22.00		
		17'-19' Boats—All Loads, Skis	PR93	3	10½x11	31.50	PR92	3	10½x11	22.00		
		17'-19' Boats—All Loads, Skis	AMC464	4	10 x11	32.60	AMC444	4	10 x11	26.80		
		16'-17' Boats—All Loads, Skis	PR95	3	10½x12	31.50	PR94	3	10½x12	22.00		
		16'-17' Boats—All Loads, Skis					AMC445	4	10 x12	26.80		
		Weedless					JWC41	2	10½x12½	22.60		
		14'-16' Boats—All Loads, Skis	PR97	3	10½x13	31.50	PR96	3	10½x13	22.00		
		12'-14' Boats—Light Loads	AJC467	2	10½x16	31.50	AJC469	2	10½x16	22.00		
		20'-24' Boats—One Engine					AMC384	3	11 x10	28.40		
		12'-14' Boats—Light Loads	PR101	3	10½x15	31.50	PR100	3	10½x15	22.00		
		14'-16' Boats—Light Loads	PR99	3	10½x14	31.50	PR98	3	10½x14	22.00		
		14, 15, 18, 20 HP Also 25 HP—1969-72	50-72	Cruisers, Houseboats, Sailboats	SMC38	3	9½x 7	23.10	SMC39	3	9½x 7	16.30
				16'-17' Boats—All Loads, Skis					AMC448	4	9 x 9	22.10
Weedless	EWC18			3	9 x10	23.10	EWC19	3	9 x10	16.30		
16'-17' Boats—All Loads, Skis	PR21			3	8¾x 9	23.10	PR20	3	8¾x 9	16.30		
14'-16' Boats—All Loads, Skis	PR23			3	8¾x10	23.10	PR22	3	8¾x10	16.30		
14'-16' Boats—Light Loads	PR25			3	8¾x11	23.10	PR24	3	8¾x11	16.30		
12'-14' Boats—Light Loads	PR27			3	8¾x12	23.10	PR26	3	8¾x12	16.30		
Light Runabouts—Light Loads	AJC417			2	9½x12	23.10	AJC418	2	9½x12	16.30		
9½-10 HP	58-72	20'-24' Boats—Sailboats					SMC12	3	8¾x 6½	14.20		
		14'-16' Boats—All Loads, Skis	SMC15	3	8¾x 8	21.50	PJ11	3	8¾x 8	10.50		
		Weedless	JWC12	3	8¾x 8	21.50	JWC13	3	8¾x 8	14.70		
		14'-16' Runabouts—Light Loads	SMC17	3	8¾x 9	21.50	SMC18	3	8¾x 9	14.20		
6 HP	66-72	Sailboats					AMC424	3	8 x 4½	11.00		
		14'-16' Boats—Light Loads	AMC421	3	7¾x 6½	14.70	AMC422	3	7¾x 6½	11.00		
		12'-14' Boats—Light Loads	AMC423	3	7¾x 7	14.70						
5½-6 HP	56-65	14'-16' Boats—Light Loads	AM430	3	7¾x 6½	14.70	AM431	3	7¾x 6½	11.00		
		12'-14' Boats—Light Loads	AM433	3	7¾x 7	14.70						
5 HP	65-70	14'-16' Boats—Light Loads	AMC420	3	7¾x 6½	14.70	AMC419	3	7¾x 6½	11.00		
		12'-14' Boats—Light Loads					PJ7	3	8 x 7½	7.50		
3-4 HP Right Angle Drive	64-72	Standard Replacement					PJ5	3	8 x 4½	6.00		
		Light Runabouts—Light Loads					PJ6	3	8 x 5½	6.00		
3-4 HP Anglematic	55-72	Standard Replacement					PJ3	3	6¾x 4½	6.00		

HOMELITE-BEARCAT

BRONZE

ALUMINUM

MOTOR & MODEL	YEAR	BOAT SIZE AND RECOMMENDATION	PART NO.	BLADES	DIA. & PITCH	PRICE	PART NO.	BLADES	DIA. & PITCH	PRICE
55-85 HP	62-72	Cruisers, Houseboats, Sailboats	SMC629	3	11½x 8	\$42.00	PS76	3	11½x 8	\$22.00
		Cruisers, Houseboats, Sailboats					AMC712	4	11½x 8	42.50
		20'-24' Boats—One Engine					PS75	3	11½x 9	22.00
		17'-19' Boats—All Loads, Skis					PS74	3	11½x10	22.00
		16'-17' Boats—All Loads, Skis	SMC626	3	11½x11	42.00	PS73	3	11½x11	22.00
		14'-16' Boats—All Loads, Skis	SMC628	3	11½x12	42.00	PS71	3	11½x12	22.00
		14'-16' Boats—Light Loads	SMC620	3	11½x13	42.00	PS72	3	11½x13	22.00

MC CULLOCH-SCOTT-AERO

BRONZE

ALUMINUM

MOTOR & MODEL	YEAR	BOAT SIZE AND RECOMMENDATION	PART NO.	BLADES	DIA. & PITCH	PRICE	PART NO.	BLADES	DIA. & PITCH	PRICE
3½-4 HP	46-72	Standard Replacement					SA10	2	7½x 6	\$ 7.60
		Heavy Boats, Sailboats					SA12	2	7½x 5	9.50
7½ HP Weedless	60-72	12'-14' Boats—Light Loads					SAC371	3	6 x 6	14.70
		Light Runabouts—Light Loads					AJC63	2	6 x 8	10.40
7½ HP Straight Lower Unit— Right Hand	63-70	14'-16' Boats—All Loads, Skis					SMC22	3	8¼x 5	14.70
		Standard Replacement					SMC20	3	8¼x 6½	14.70
9 HP	67-72	Houseboats, Sailboats					SMC22	3	8¼x 5	14.70
		Standard Replacement					SMC23	3	8¼x 8½	14.70
		14'-16' Boats—All Loads, Skis					SMC24	3	8¼x 7½	14.70
12-14.1 HP	60-67	14'-16' Boats—All Loads, Skis	AMC534	3	8¼x 7	\$18.90				
		14'-16' Boats—Light Loads	AMC533	3	8¼x 8	18.90				
		Standard Replacement					AMC535	3	8¼x 8½	12.60
		Light Runabouts—Light Loads					AMC532	3	8¼x 9	12.60
22-25-27.7-28 HP	58-67	17'-19' Boats—All Loads, Skis					SMC846	3	9 x 7	17.30
		14'-16' Boats—All Loads, Skis	SMC849	3	9 x 9	24.20	SMC848	3	9 x 9	17.30
		14'-16' Boats—Light Loads	SMC851	3	9 x10	24.20	PS25	3	9 x10	16.30
		Light Runabouts—Light Loads	AJC518	2	9½x11½	24.20				
30-33-40 HP Left Hand Prop	55-58	16'-17' Boats—All Loads, Skis					SMC647	3	10 x11	20.50
		14'-16' Boats—All Loads, Skis	SMC650	3	10 x12	26.80	SMC649	3	10 x12	20.50
40-43.7-45 HP Right Hand Prop	59-69	17'-19' Boats—All Loads, Skis	SMC636	3	10 x10	26.80	SMC635	3	10 x10	20.50
		16'-17' Boats—All Loads, Skis	SMC638	3	10 x11	26.80	SMC637	3	10 x11	20.50
		14'-16' Boats—All Loads, Skis	SMC640	3	10 x12	26.80	PS40	3	10 x12	18.40
		14'-16' Boats—Light Loads					SMC641	3	10 x13	20.50
60-75.2 HP	58-59	Barges, Extra Heavy Boats	SMC629	3	11½x 8	42.00	PS76	3	11½x 8	22.00
		Cruisers, Houseboats—One Engine					PS75	3	11½x 9	22.00
		20'-24' Boats—One Engine					PS74	3	11½x10	22.00
		17'-19' Boats—All Loads, Skis	SMC626	3	11½x11	42.00	PS73	3	11½x11	22.00
		16'-17' Boats—All Loads, Skis	SMC628	3	11½x12	42.00	PS71	3	11½x12	22.00
		14'-16' Boats—All Loads, Skis	SMC620	3	11½x13	42.00	PS72	3	11½x13	22.00
		14'-16' Boats—Light Loads				PS70	3	11½x14	22.00	

MERCURY

BRONZE

ALUMINUM

MOTOR & MODEL (YEAR)	BOAT SIZE AND RECOMMENDATION	PART NO.	NEAREST MERCURY EQUIVALENT	BLADES	DIA. & PITCH	PRICE	PART NO.	NEAREST MERCURY EQUIVALENT	BLADES	DIA. & PITCH	PRICE
39-40— (68-72)	Standard Replacement						PM16	48-47940A1	2	8¼x 6	\$10.50
39— (64-67)	Standard Replacement						PM4	48-31214A1	2	8 x 6	10.50
60— (68)	Standard Replacement						PM18	48-47938A1	2	7½x 8	10.50
	Heavy Boats, Sailboats						PM17	48-47944A1	3	8½x 5	11.60
60— (61-67)	14'-16' Boats—All Loads						PM4	48-31214A1	2	8 x 6	10.50
	Standard Replacement						PM6	48-31105A1	2	8 x 8	10.50
Mark 28, 28A, 200-250 (58-62)	14'-16' Boats—All Loads, Skis						PM27	48-28037A1	3	9¼x 9	18.90
	14'-16' Boats—Light Loads						PM28	48-28036A1	2	9½x11	17.90
	12'-14' Boats—Light Loads						PM29	48-28038A1	2	9½x12	17.90
Mark 30 (56-58)	14'-16' Boats—All Loads, Skis	AMC507		3	9½x10	\$32.60	AMC506		3	9½x10	28.40
	12'-14' Boats—Light Loads						AJC570		2	9 x12	21.00
Merc 75-110 (68-72)	Standard Replacement						PM21	48-47922A1	2	9 x 9	10.50
	Light Runabouts—Light Loads						PM19	48-47926A1	2	9 x10	10.50
	14'-16' Boats—All Loads, Skis						PM20	48-47670A1	3	9 x 7	18.90
Merc 110—(62-67)	14'-16' Boats—All Loads, Skis						PM11	48-32364A1	2	9 x 9	10.50
	12'-14' Boats—Light Loads						PM10	48-31504A1	2	9 x10	10.50
Merc 200—(63-72)	14'-16' Boats—All Loads, Skis						PM26	48-33482A1	3	9¼x 9	18.90
	Standard Replacement						PM30	48-33480A1	2	10 x11	17.90
Mark 58, 58A, 400, 500, 50, 55, 35A, 300, 350 (56-61)	16'-17' Boats—All Loads, Skis	AMC581S	48-22105A2	3	10 x10	39.90	AMC580S	48-22575A2	3	10 x10	27.80
	14'-16' Boats—All Loads, Skis	AMC578S		3	10 x11	39.90	AMC577S		3	10 x11	27.80
11 Spline	14'-16' Boats—All Loads, Skis						PM56	48-29985A2	2	10¼x10	20.00
	14'-16' Boats—Light Loads						PM55	48-22914A2	2	10¼x12	20.00
	12'-14' Boats—Light Loads						PM54	48-29986A2	2	10¼x13	20.00

(Cont.)

MERCURY (Cont.)

BRONZE

ALUMINUM

MOTOR MODEL (YEAR)	BOAT SIZE AND RECOMMENDATION	BRONZE				ALUMINUM				
		PART NO.	NEAREST MERCURY EQUIVALENT	BLADES	DIA. & PITCH PRICE	PART NO.	NEAREST MERCURY EQUIVALENT	BLADES	DIA. & PITCH PRICE	
300, 350, 400, 450, 500, (62-69) Prop Exhaust	Cruisers, Houseboats, Sailboats	PR30	48-32192A1	3	10 1/4 x 9 \$ 45.20	PR31	48-32194A1	3	10 1/4 x 9 \$ 26.30	
	17'-19' Boats—All Loads, Skis	PR32	48-33772A1	3	10 1/2 x 10 45.20	PR33	48-33774A1	3	10 1/2 x 10 26.30	
	16'-17' Boats—All Loads, Skis	PR34		3	10 1/4 x 11 45.20	PR35	48-38098A1	3	10 1/4 x 11 26.30	
	14'-16' Boats—All Loads, Skis	PR36		3	10 1/4 x 12 45.20	PR37	48-38094A1	3	10 1/4 x 12 26.30	
	14'-16' Boats—Light Loads	PR38		3	10 1/4 x 13 45.20	PR39	48-38090A1	3	10 1/4 x 13 26.30	
	12'-14' Boats—Light Loads	PR42		3	10 1/4 x 15 45.20	PR43	48-38086A1	3	10 1/4 x 15 26.30	
	<i>These propellers also fit Carniti (Italy)</i>	17'-19' Boats—All Loads, Skis	AJC476	48-32188A1	2	10 1/2 x 11 36.80	PM502	48-32190A1	2	10 1/2 x 11 23.10
		14'-16' Boats—All Loads, Skis	AJC478	48-32184A1	2	10 1/2 x 12 36.80	PM501	48-32186A1	2	10 1/2 x 12 23.10
		14'-16' Boats—Light Loads	AJC480	48-32180A1	2	10 1/2 x 13 36.80	PM500	48-32182A1	2	10 1/2 x 13 23.10
		12'-14' Boats—Light Loads	AJC482	48-32178A1	2	10 1/2 x 15 36.80				
Light Runabouts—Light Loads	AJC484	48-32176A1	2	10 1/2 x 17 36.80						
400-402-500 (70-72) Prop Exhaust	Cruisers, Houseboats	PR330	48-56262A1	3	10 1/4 x 9 45.20	PR331	48-56248A1	3	10 1/4 x 9 26.30	
	20'-24' Boats—All Loads	PR332	48-56260A1	3	10 1/4 x 10 45.20	PR333	48-56246A1	3	10 1/4 x 10 26.30	
	17'-19' Boats—All Loads, Skis	PR334		3	10 1/4 x 11 45.20	PR335	48-56244A1	3	10 1/4 x 11 26.30	
	16'-17' Boats—All Loads, Skis	PR336		3	10 1/4 x 12 45.20	PR337	48-56240A1	3	10 1/4 x 12 26.30	
	14'-16' Boats—All Loads, Skis	PR338		3	10 1/4 x 13 45.20	PR339	48-56236A1	3	10 1/4 x 13 26.30	
	14'-16' Boats—Light Loads	PR342		3	10 1/4 x 15 45.20	PR343	48-56232A1	3	10 1/4 x 15 26.30	
	17'-19' Boats—All Loads, Skis	AJC876	48-56258A1	2	10 1/2 x 11 36.80	PM582	48-56242A1	2	10 1/2 x 11 23.10	
	16'-17' Boats—All Loads, Skis	AJC878	48-56256A1	2	10 1/2 x 12 36.80	PM581	48-56238A1	2	10 1/2 x 12 23.10	
	14'-16' Boats—All Loads, Skis	AJC880	48-56254A1	2	10 1/2 x 13 36.80	PM580	48-56234A1	2	10 1/2 x 13 23.10	
	14'-16' Boats—Light Loads	AJC882	48-56252A1	2	10 1/2 x 15 36.80					
	12'-14' Boats—Light Loads	AJC884	48-56250A1	2	10 1/2 x 17 36.80					
	12'-14' Boats—Light Loads	PR344		3	10 1/4 x 17 45.20	PR345	48-56230A1	3	10 1/4 x 17 26.30	
	Light Runabouts—Light Loads	PR346		3	10 1/4 x 19 45.20	PR347	48-56228A1	3	10 1/4 x 19 26.30	
	Light Runabouts—Light Loads	PR348		3	10 1/4 x 21 45.20	PR349		3	10 1/4 x 21 26.30	
	Light Runabouts—Light Loads	AJC886		2	10 1/2 x 21 36.80					
Racing Runabouts	AJC888		2	10 1/2 x 23 36.80						
Mark 78, 78A, 75, 75A, 600 (57-60)	16'-17' Boats—All Loads, Skis	SMC874		3	12 1/2 x 13 43.00					
	14'-16' Boats—All Loads, Skis					SMC885		3	12 1/2 x 15 30.00	
	14'-16' Boats—Light Loads					PM78	48-29295A1	2	13 1/2 x 15 24.20	
Merc 650 (1972)	12'-14' Boats—Light Loads					PM513	A-48-61824A1	3	10 1/4 x 16 30.00	
	14'-16' Boats—Light Loads					PM518	A-48-61820A1	3	11 1/4 x 14 30.00	
	15'-17' Boats—All Loads, Skis					PM524	A-48-61816A1	3	11 3/4 x 12 30.00	
	18'-21' Boats—All Loads					PM530	A-48-61812A1	3	12 1/4 x 10 30.00	
						DQ430		4	13 x 10 40.50	
650-700A-800-800A-850-900-950 (61-72)	Cruisers, Houseboats					PR151	48-35936A3	3	13 x 11 31.50	
	Cruisers, Houseboats					DQ438		4	13 x 12 40.50	
	19'-21' Boats—All Loads					PR153	48-32392A3	3	13 x 13 31.50	
	17'-19' Boats—All Loads, Skis	PR152	48-30394A3	3	13 x 13 63.00	PR155	48-32390A3	3	13 x 15 31.50	
	16'-17' Boats—All Loads, Skis	PR154	48-31460A3	3	13 x 15 63.00	PR157	48-32264A3	3	13 x 17 31.50	
	14'-16' Boats—All Loads, Skis	PR156	48-31458A3	3	13 x 17 63.00	PR159	48-32750A3	3	13 x 19 31.50	
	14'-16' Boats—All Loads	PR158	48-53898A3	3	13 x 19 63.00	AJC588	48-31074A2	2	13 1/2 x 15 27.80	
	16'-17' Boats—All Loads, Skis	AJC587	48-29660A2	2	13 1/2 x 15 63.00	PM801	48-31072A2	2	13 1/2 x 17 28.00	
	14'-16' Boats—All Loads	AJC626	48-29658A3	2	13 1/2 x 17 63.00	PM800	48-32388A3	2	13 1/2 x 19 28.00	
	14'-16' Boats—Light Loads	AJC628	48-31456A3	2	13 1/2 x 19 63.00	PM1000	48-49632A3	2	13 1/2 x 21 28.00	
	Light Runabouts—Light Loads	AJC630	48-49630A3	2	13 1/2 x 21 63.00					
	1000, 1100, 1150, 1250-1350-1400 (61-72)	Cruisers, Houseboats					DQ430		4	13 x 10 40.50
20'-24' Boats—One Engine						DQ438		4	13 x 12 40.50	
20'-24' Boats—One Engine						PR151	48-35936A3	3	13 x 11 31.50	
17'-19' Boats—All Loads, Skis		PR152	48-30394A3	3	13 x 13 63.00	PR153	48-32392A3	3	13 x 13 31.50	
16'-17' Boats—All Loads, Skis		PR154	48-31460A3	3	13 x 15 63.00	PR155	48-32390A3	3	13 x 15 31.50	
14'-16' Boats—All Loads, Skis		PR156	48-31458A3	3	13 x 17 63.00	PR157	48-32264A3	3	13 x 17 31.50	
14'-16' Boats—Light Loads		PR158	48-32748A3	3	13 x 19 63.00	PR159	48-32750A3	3	13 x 19 31.50	
12'-14' Boats—Light Loads		PR160	48-32744A3	3	13 x 21 63.00	PR161	48-32746A3	3	13 x 21 31.50	
Light Runabouts—Light Loads		PR162	48-52006A3	3	13 x 23 63.00	PR163	48-52008A3	3	13 x 23 31.50	
Light Runabouts—Light Loads		PR164	48-52010A3	3	13 x 25 63.00	PR165	48-52012A3	3	13 x 25 31.50	
16'-17' Boats—All Loads, Skis		AJC626	48-29658A3	2	13 1/2 x 17 63.00	PM801	48-31072A1	2	13 1/2 x 17 28.00	
14'-16' Boats—All Loads, Skis		AJC628	48-31456A3	2	13 1/2 x 19 63.00	PM800	48-31080A1	2	13 1/2 x 19 28.00	
12'-14' Boats—Light Loads		AJC630	48-31452A3	2	13 1/2 x 21 63.00	PM1000	48-31454A3	2	13 1/2 x 21 28.00	
Light Runabouts—Light Loads		AJC632	48-31450A3	2	13 1/2 x 23 63.00					
Racing Runabout		AJC633	48-31448A3	2	13 1/2 x 25 63.00					

WARD'S SEA KING

BRONZE

ALUMINUM

MOTOR & MODEL	YEAR	BOAT SIZE AND RECOMMENDATION	PART NO.	BLADES	DIA. & PITCH	PRICE	PART NO.	BLADES	DIA. & PITCH	PRICE
2, 3½, 5 HP	70-72	Standard Replacement					C15	2	7 x 4½	\$ 9.30
3½ HP	64-69	Standard Replacement					G20	2	7½x 4½	7.50
5-6 HP	64-70	Standard Replacement					GC54	2	7½x 7	10.40
6 HP	71-72	Standard Replacement					PC9	2	8 x 5	12.60
7 HP	70-72	Standard Replacement					C18	2	7 x 5	9.30
8-9-9.2 HP	64-69	Cruisers, Houseboats, Sailboats					AMC320	3	8 x 5½	14.20
		14'-16' Boats—All Loads, Skis	AMC302	3	8 x 7	\$16.30				
		Standard Replacement					GC55	2	8 x 8	11.00
		Light Runabouts—Light Loads	AJC55	2	8 x 8½	14.40				
9.6-9.9 HP	70-72	Standard Replacement					PC12	2	8½x 8½	12.60
		14'-16' Boats—All Loads, Skis					PC10	2	8½x 8	12.60
		Light Runabouts—Light Loads					PC14	2	8 x 8½	12.60
20 HP	64-67	17'-19' Boats—All Loads, Skis					AMC359	3	8½x 7½	18.90
		Standard Replacement					AMC365	3	8½x 8½	18.90
		14'-16' Boats—Light Loads					AMC353	3	8½x 9	18.90
20 HP Splined Shaft	68-72	Standard Replacement					AMC490	3	8½x 8½	18.90
		14'-16' Boats—All Loads, Skis	PR5	3	8½x 8	23.10	PR4	3	8½x 8	19.50
		12'-14' Boats—Light Loads	PR9	3	8½x10	23.10	PR8	3	8½x10	19.50
45-50 HP	64-65	16'-17' Boats—All Loads, Skis	SMC714	3	10½x12	29.40	SMC715	3	10½x12	20.50
		14'-16' Boats—All Loads, Skis					SMC713	3	10½x13	20.50
35-45-50-55 HP Splined Shaft	66-72	Cruisers, Houseboats, Sailboats					AMC308	3	10½x10	20.50
		17'-19' Boats—All Loads, Skis	PR131	3	10½x11	33.60	PR130	3	10½x11	22.00
		16'-17' Boats—All Loads, Skis	PR133	3	10½x12	33.60	PR132	3	10½x12	22.00
		14'-16' Boats—All Loads, Skis	PR135	3	10½x13	33.60	PR134	3	10½x13	22.00
		14'-16' Boats—Light Loads	PR137	3	10½x14	33.60	PR136	3	10½x14	22.00
		Light Runabouts—Light Loads	PR139	3	10½x15	33.60	PR138	3	10½x15	22.00
		Light Runabouts—Light Loads	AJC310	2	10½x15	32.30	AJC311	2	10½x15	20.80
80 HP	64-69	Cruisers, Houseboats	SMC72	3	13 x 8	47.80	PJ51	3	13 x 8	26.00
		20'-24' Boats—One Engine	SMC68	3	12½x12	47.80	SMC69	3	12½x12	28.90
		17'-19' Boats—All Loads, Skis	SMC60	3	12½x13	47.80	SMC61	3	12½x13	28.90
		16'-17' Boats—All Loads, Skis	SMC62	3	12½x14	47.80	PJ50	3	12½x14	22.40
		14'-16' Boats—All Loads, Skis					SMC65	3	12½x15	28.90
		Light Runabouts—Light Loads	AJC487	2	12 x16	47.80				

WEST BEND-WIZARD (see Chrysler)

MISCELLANEOUS

MOTOR & MODEL	YEAR	PART NO.	BLADES	DIA. & PITCH	METAL	PRICE	MOTOR & MODEL	YEAR	PART NO.	BLADES	DIA. & PITCH	METAL	PRICE
CHAMPION							MERCURY (Cont.)						
Single & Twin	39-42	P51	2	7½x 6½	Al	\$8.10	Mark 20-25	52-58	AMC503	3	9 x 9	Al	\$26.80
4.2 HP	46-53	P90	2	8 x 5½	Al	10.50	KH 7		AJC550	2	9 x11	Al	21.00
7.9 HP	48-50	P120	2	8 x10	Al	11.00	Mark 50-55	54-56	AMC580	3	10 x10	Al	27.80
CLINTON							14 spline						
3-3½-5 HP		C15	2	7 x 4½	Al	9.30	Merc. 700-800	60-61	PM700	2	13½x15	Al	28.00
7 HP		C18	2	7 x 5	Al	9.30	Left Hand						
ELGIN							MUNCIE						
5-5½-6 HP	47-55	G40	2	7½x 7½	Al	10.00	1.2 and 1.5 HP	47-72	E40	2	6 x 5	Al	8.10
5½ HP	56-59	GC54	2	7½x 7	Al	10.40	2 and 2.5 HP	33-41	M10	2	7½x 5½	Al	10.50
7½ HP	49-55	G50	2	7½x 8½	Al	10.00	3½-5 HP	41-51	M70	2	6½x 5	Al	10.50
7½ HP	56-59	GC55	2	8 x 8	Al	11.00	PERKINS-OLIVER						
25 HP	55-57	G92	3	10½x12	Al	22.00	5½-6-6½ HP	55-64	V10	2	8 x 6½	Al	11.60
ESKA							15-16-18 HP						
3½ HP		G20	2	7½x 4½	Al	7.50	55-64	V116	2	9 x10½	Al	15.80	
5 HP		G30	2	7½x 5½	Al	7.50	35 HP	57-59					
7 HP		G45	3	6¾x 6½	Al	9.50	Left Hand						
EVINRUDE-JOHNSON							See McCulloch-Scott						
7½ HP	54-58	AM417	3	8 x 7	Br	14.70	30-35-40 HP	60-64	SMC678	3	10 x11	Al	20.50
		AM416	3	8 x 8	Al	11.00	Right Hand						
10 HP	50-57	AMC264	3	8½x 8½	Al	16.30	MCCULLOCH SCOTT						
FAGEOL-CROFTON							5 HP						
35-45 HP	56-60	SMC647	3	10 x11	Al	20.50	BailAMatic	54-59	SAC40	2	7½x 6	Al	10.50
LAUSON							7½ HP						
2½-3 HP	40-57	L30	2	7½x 5½	Al	10.00	46-53	SA7	3	7¾x 8	Al	14.70	
MARTIN							7½ HP						
75-60-66	46-51	Q10	2	8 x 8	Al	12.00	54-59	SAC50	2	8 x 7	Al	10.50	
7.5 HP	52-54	Q50	2	8 x 8½	Al	14.20	BailAMatic						
MERCURY							10 HP						
3½-5 HP	49-55	K70	2	6¾x 6½	Al	10.50	BailAMatic	54-59	SAC60	2	8½x10	Al	13.10
6 HP	40-47	K15	2	7½x 7	Al	10.50	16 HP	50-55	SAC30	3	9½x 6½	Al	19.50
6 HP	55-60	K74	2	7¼x 7	Al	10.50	Right Hand						
7½ HP Mark 7	47-55	K50	2	7½x 8	Al	10.50	16 HP	56-57	SMC35	3	8½x 8	Al	19.40
10 HP KE 7	47-52	K40	3	7½x 9	Al	14.70	BailAMatic						
10 HP KF 7 KG7	49-52	AJ55	2	8½x10	Br	22.00	Left Hand						
							WEST BEND (CHRYSLER)						
							5-5½-6 HP						
							47-48						
							G40						
							2						
							7½x 7½						
							Al						
							10.00						
							7½-8 HP						
							49-55						
							G50						
							2						
							7½x 8½						
							Al						
							10.00						
							12 HP						
							55-64						
							AMC355						
							3						
							8½x 8						
							Al						
							19.50						
							25-30 HP						
							55-57						
							G92						
							3						
							10½x12						
							Al						
							22.00						
							25-35 HP						
							58-63						
							SMC703						
							3						
							10½x12						
							Al						
							20.50						

RACING PROPS.

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. 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.

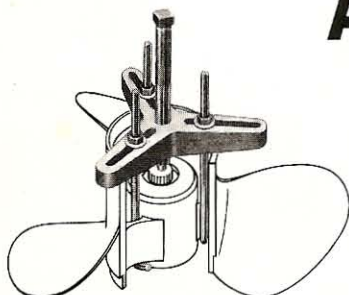
All propellers are supplied in special high-tensile racing bronze alloy and stainless steel, blades thinned for best racing performance, and all incorporate the new cupped blade feature. Propellers listed are for racing engines with a suggested diameter and pitch. Because these are not similar to anything previously available on the market they 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. We offer this listing as a guide to simplify prop selection.



COMPETITION RACING ENGINES STOCK AND SPECIAL FUEL					OUTBOARD PLEASURE CRAFT (OPC) RACING PROPS SMALL RACING HUB*-HIGH TENSILE BRONZE-CUPPED-2 BLADES						
ENGINE	CLASS— GEAR RATIO	DIA & PITCH	HI-TENSILE BRONZE	STAINLESS STEEL	L-HAND	R-HAND	PRICE	SIZE	L-HAND	R-HAND	PRICE
Anzani	A Hydro—1:1	6½ x 9	\$36.00	\$47.00	CHRYSLER—EVINRUDE—JOHNSON— MERCURY STOCK ENGINES—STOCK LOWER UNITS—70 TO 140 HP			MERCURY "BP"			
Anzani	A Hydro—16:21	7 x 13	36.00	47.00	13 x 19	13 x 19	\$73.00	12 x 19	AJ219	AJ619	\$73.00
Anzani	B Hydro—1:1	6½ x 10½	36.00	47.00	13 x 21	13 x 21	73.00	12 x 21	AJ221	AJ621	73.00
Anzani	B Hydro—16:21	7 x 14	36.00	47.00	13 x 23	13 x 23	73.00	12 x 23	AJ223	AJ623	73.00
Champion	A Hydro—14:19	7 x 12	36.00	47.00	13 x 25	13 x 25	73.00	12 x 25	AJ225	AJ625	73.00
Champion	A Utility—14:19	7 x 11	36.00	47.00	13 x 27	13 x 27	73.00	12 x 27	AJ227	AJ627	73.00
Champion	B Hydro—14:19	7 x 13	36.00	47.00	13 x 29	13 x 29	73.00	12 x 29	AJ229	AJ629	73.00
Champion	B Utility—14:19	7 x 12	36.00	47.00	To order specify size, engine make, model, horsepower.			CHRYSLER 75-135 H.P. (RACING LOWER UNIT—PIN DRIVE)			
Konig	A Hydro—1:1	6 x 8	36.00	47.00	14 x 27	14 x 27	73.00	10 x 14	AJ319	AJ320	\$52.00
Konig	B Hydro—1:1	6½ x 10	36.00	47.00	14 x 29	14 x 29	73.00	10 x 15	AJ321	AJ322	52.00
Konig	C Hydro—1:1	7¼ x 12	36.00	47.00	14 x 31	14 x 31	73.00	10 x 16	AJ327	AJ328	52.00
Konig	D Hydro—1:1	7¼ x 14	36.00	47.00	PART NO. DIA. & PITCH PRICE			10 x 17	AJ329	AJ330	52.00
Mercury	A Hydro—1:1	6 x 9	36.00	47.00	MERCURY STOCK ENGINES			10 x 18	AJ331	AJ332	52.00
Mercury	A Utility—1:1	6 x 8	36.00	47.00	65 THRU 140 HP—ALL RIGHT HAND			EVINRUDE—JOHNSON GT-115 & X-115			
Mercury	A Hydro—16:21	6½ x 10½	36.00	47.00	CUP-402	13 x 19	\$75.00	13 x 19	AJ710	AJ711	\$77.00
Mercury	A Hydro—16:21	6½ x 9½	36.00	47.00	CUP-404	13 x 21	75.00	13 x 21	AJ712		77.00
Mercury	B Hydro—1:1	6½ x 9	36.00	47.00	CUP-408	13 x 23	75.00	13 x 23	AJ714	AJ715	77.00
Mercury	B Utility—1:1	6½ x 8	36.00	47.00	CUP-410	13 x 25	75.00	13 x 25	AJ716		77.00
Mercury	B Hydro—16:21	7 x 14	36.00	47.00	CUP-422	14 x 23	75.00	13 x 27	AJ718		77.00
Mercury	B Utility—16:21	7 x 13	36.00	47.00	CUP-424	14 x 25	75.00	13 x 29	AJ720		77.00
Mercury	C Hydro—1:1	7 x 10	36.00	47.00	CUP-426	14 x 27	75.00	MERC. SUP. SPEEDMASTER—OMC STINGER—CHRYSLER (SPLINED SHAFT)			
Mercury	C Utility—1:1	7 x 9	36.00	47.00	CUP-428	14 x 29	75.00	9¼ x 14	AJ291	AJ294	\$61.00
Mercury	D Hydro—1:1	7¼ x 11	36.00	47.00	CUP-430	14 x 31	75.00	9¼ x 15	AJ293	AJ294	61.00
Mercury	D Utility—1:1	7¼ x 10	36.00	47.00	*Props prefixed "CUP" have hub exhaust and rubber hub cushion.			9¼ x 16	AJ295	AJ296	61.00
Mercury	F Hydro—1:1	8½ x 13	53.00	70.00				9¼ x 17	AJ297	AJ298	61.00
Mercury	F Utility—1:1	9 x 12	53.00	70.00				9¼ x 18	AJ299	AJ300	61.00
Mercury	J Utility	6½ x 6½	34.00	—							
J & E	"36" Cu. In.	10 x 15½	47.00	—							
Chrysler	"36" Cu. In.	10½ x 16	47.00	—							

Propellers for motors not listed—write for information.

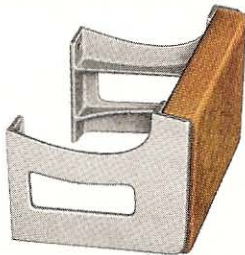
ACCESSORIES



NO. 608 PROP PULLER

Quickly removes the occasional tight fitting prop. Designed for thru-hub-exhaust propellers.

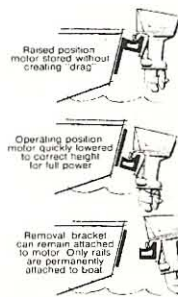
No. 608—\$15.00



NO. 525 & 527 MOTOR BRACKET

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

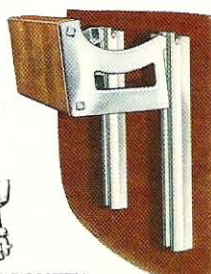
No. 525 (to 10 H.P.) 8½" width — \$17.00
No. 527 (to 25 H.P.) 11" width — \$28.00



Raised position motor stored without creating drag

Operating position motor quickly lowered to correct height for full power

Removal bracket can remain attached to motor. Only rails are permanently attached to boat.



SLIDING MOTOR BRACKETS

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

No. 516 (to 10 H.P.) 18" Rails—\$30.00
No. 516A (to 10 H.P.) 24" Rails—\$35.00
No. 530 (to 20 H.P.) 18" Rails—\$47.00
No. 530A (to 20 H.P.) 24" Rails—\$52.00

PROP REPAIR

Most damaged Michigan props can be perfectly reconditioned, thus eliminating the risk of costly engine damage through the 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 Corporation, 1501 Buchanan Avenue, S.W., Grand Rapids, Michigan 49502.



PROPELLER REPAIR FACTORY OUTBOARD & STERN DRIVE PROPELLER REPAIR PRICES

6" - 11" dia. Bronze or Alum.....	\$ 8.90
1 1/4" - 13" dia. Bronze or Alum.....	10.50
1 3/4" - 15" dia. Bronze or Alum.....	14.20
1 5/8" dia. and larger.....	20.00
CUPPED PROPS.....	add 25%
PITCH change—new or undamaged props, at repair price	
Dia. Reduction—thru 13" dia.....	5.80
Dia. Reduction—13 1/4" dia. & larger.....	10.40
Pitch change—in addition to repair.....	5.30
HUB REPLACEMENT—in addition to wheel repair, NET:	
Thru 18 hp.....	2.30
19 hp thru 49 hp.....	3.50
50 hp thru 95 hp.....	4.50
100 hp and up.....	8.10
HUB REPLACEMENT ONLY (prop not damaged)—NET:	
Thru 95 hp.....	6.90
100 hp and up.....	9.50
CUPPING—thru 14" dia. NET.....	4.50
14 1/4" & larger, NET.....	6.50
All welding net extra.	

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

Dia.	Price	Dia.	Price	Dia.	Price	Dia.	Price
10"	\$11.50	16"	\$18.50	22"	\$29.00	32"	\$58.00
11"	12.00	17"	20.50	24"	34.00	34"	66.00
12"	12.50	18"	22.50	26"	39.00	36"	74.00
13"	13.20	19"	24.70	28"	44.00	38"	84.00
14"	14.40	20"	26.80	30"	50.00	40"	96.00
15"	16.50	(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. All repairs at Owner's risk. Prices F.O.B. Factory. All welding net extra.

SEE MAP FOR AUTHORIZED SERVICE STATIONS.



OVERSEAS

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

France Intl. Representation
102-104 Ave.
Antony-Magniot
94-
Paris, France

Ernst O. Hesse
Gratenberger
Allee 325
Dusseldorf, Germany

G. S. Arph
Strandvagen 57
Stockholm, Sweden

Nautica
Venezolana C.A.
Apartado 50925
Caracas, Venezuela

Yoritomo Trading Co. Ltd.
Takanawa P.O. Box #3
Tokyo 108, Japan

MICHIGAN WHEEL CORPORATION A SUBSIDIARY OF **DAN** CORPORATION
1501 BUCHANAN S.W., GRAND RAPIDS, MICHIGAN 49502 U.S.A.