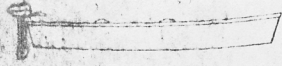
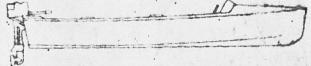
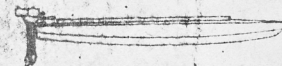

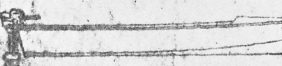
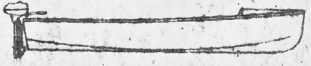


# PROPELLER SELECTION

When you select your propeller, you want the one which will produce the best results on a given combination of hull and motor. Every outboard motor is designed to operate at a certain r. p. m. — If the motor turns at a higher rate, there is danger of damaging the motor. Excessively high r. p. m. indicates too small a propeller with consequent waste of power. If too large a propeller is used, on the other hand, the motor cannot develop its rated r. p. m. with a resulting loss of speed. The size of propeller recommended by our engineering department for any given combination of hull and motor, will permit your motor to operate at the rate of speed recommended by its manufacturer.

The "standard equipment" propeller which is shipped with each motor, can only be the best average propeller for average hull and load conditions. It cannot produce the best results with hulls of different size and design. This is the reason that several sizes of propellers are shown for most models of motors. THERE IS A MICHIGAN PROPELLER TO FIT EACH PARTICULAR HULL AND LOAD COMBINATION.

It is not possible to make specific recommendations for every conceivable installation, in a catalog listing of this type. The reference notes on the last column of each page, may help you to determine the most efficient wheel for your hull if it compares with those shown below. To determine your exact requirements or for information or recommendations on types of hulls not shown, write our Engineering Department. There is no obligation on your part.

 <b>ROWBOAT</b> — 11' to 14' flat bottom — normally limited in speed after 8 to 10 M.P.H., irrespective of power used.	 <b>RUNABOUT</b> — and fast Utility — 14' to 17'; "V" bottom, Clinker or smooth — Average weight 225 to 300 lbs.
 <b>KYAK</b> — very small planing hulls in 60 to 85 lbs. class.	 <b>HYDROPLANE</b> — (step bottom) for highest speeds, with one or two persons in boat.
 <b>RUNABOUT</b> — and fast Utility — 11' to 14', weighing between 180 to 225 lbs.	 <b>LARGE FAMILY BOATS</b> — outboard cruisers, launches, etc. — fairly heavy.

# ELTO

Up to and including 1933 Motors  
See Pages 5 and 6 for Later Models

MODEL ENGINE	Propeller Dimension D	P	3 or 4 Blade	Price	Order No.	Motor See Page 1
Super Single	7 1/2 x 8		2 Al.	3.50	E237*	1
(Give Motor No.)	7 1/2 x 6		2 Br.	3.50	E238	1
Fold Light	8 1/2 x 8		2 Al.	3.50	B10*	1
Holes in blades for water outlet	8 1/2 x 8		2 Br.	4.25	B11	1
	8 x 6		2 Al.	4.50	B14	1
	Needless					
	8 x 6		2 Br.	5.00	B15	1
	Needless					
1929-30 Light Weight	9 x 9		2 Al.	3.50	E232*	1
Shaft size .563	9 x 9		2 Br.	4.50	E233	1
1931-32 Light Weight	8 3/4 x 8		2 Al.	3.50	E242*	1
	8 3/4 x 8		2 Br.	3.50	E243	1
Shaft size .563	9 x 7		2 Br.	4.50	E244	1
	Needless					
1933 Light Weight and Fisherman	7 1/2 x 8		2 Al.	4.50	E296*	1
	7 1/2 x 8		2 Br.	5.00	E297	1
Super "A"	9' x 8		2 Br.	6.50	E291*	1-3
Service "A" and EL Str. Super "A"	9 x 6		3 Br.	6.50	E293	6
	8 1/2 x 9 1/2		2 Br.	8.00	E294†	5
1928 Speedster and 1929 Hi-Speed	10 x 10		2 Br.	6.50	E201*	3
Speedster	10 x 8		2 Br.	6.50	E202	4
	10 x 8		3 Br.	8.00	E204	8
Shaft size .670	8 1/2 x 11 1/2		2 Br.	9.00	E206†	5
Service Speedster	10 x 10		2 Br.	6.50	E222*	3
Shaft size .676	10 x 8		2 Br.	6.50	E223	4
	10 x 8		3 Br.	8.00	E308	8
	10 x 12		2 Br.	6.50	E307	3
	8 1/2 x 12		2 Br.	9.00	E223†	5
Special Speedster	10 x 10		2 Br.	6.50	E246*	3
Shaft size .788	10 x 12		2 Br.	6.50	E247	3
	10 x 8		3 Br.	8.00	E248	4-6
	8 1/2 x 12		2 Br.	9.00	E249†	5
Senior Speedster and 1931 Junior Quad	10 x 10		3 Br.	8.00	E251*	3
	10 x 9		3 Br.	8.00	E252	3-4
Shaft size .788	10 x 8		3 Br.	8.00	E248	4-6
	10 x 12		2 Br.	6.50	E247	3
	9 1/2 x 11 1/2		2 Br.	9.00	E258†	5
1932-33 Junior Quad	10 x 10		3 Br.	8.00	E304*	3
Shaft size .676	10 x 9		3 Br.	8.00	E305	3-4
	10 x 8		3 Br.	8.00	E306	4-6
	10 x 12		2 Br.	6.50	E307	3
	9 1/2 x 11 1/2		2 Br.	9.00	E309†	5

Note: \*Identical with propeller which comes with motor as standard.

† One of new design "Machined-Pitch" racing wheels that have proven so exceptionally fast, recommended particularly for step jobs.