Michigan Propellers “m” Series

This series is globally sourced as the economically advantageous standard series propeller line. The “m” are manufactured to Michigan Wheel Corporation tolerance and hub dimensional standards. The material used in manufacture is certifiable to ABS type 2 in manganese bronze, and to ABS 4 in NiBrAl. Hale MRI computerized inspection equipment is utilized in manufacturing and final inspection.

Following are specifications by the individual propeller styles comprising the “m” series. A variety of other design, area considerations, and larger dimensions can also be made available, on a quote basis. Metric dimensions and bores are available on request.

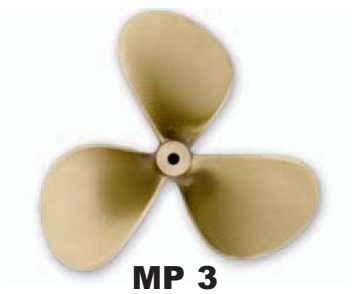
Lead time to acquire will typically be 6 to 8 weeks: custom requirement lead time will be quoted on request.

Sailer 2

0.36 E.A.R.
Diameter range: 10" - 18"

Sailer 3

0.44 E.A.R.
Diameter range: 10" - 18"



MP 3

0.53 E.A.R.
Diameter range: 9" - 40"

Sailer 2 (0.36 E.A.R.) and Sailer 3 (0.44 E.A.R.) Specifications

Diameter		Hub Dimensions (inches)			Standard Taper Bore (inches)		
Inches	MM / M	Aft End	Forward End	Length	Minimum Bore	Maximum Bore	Pilot Bore
10	*254*	1-7/16	1-5/8	2-1/4	3/4	7/8	3/4
11	*279*	1-7/16	1-5/8	2-1/4	3/4	7/8	3/4
12	*305*	1-9/16	1-3/4	2-3/8	7/8	1-1/8	7/8
13	*330*	1-9/16	1-3/4	2-3/4	1	1-1/8	1
14	*356*	1-3/4	2	2-3/4	1	1-1/8	1
15	*381*	1-3/4	2	2-3/4	1	1-1/8	1
16	*406*	1-15/16	2-3/16	3-1/4	1-1/8	1-1/4	1-1/8
17	*432*	2	2-5/16	3-1/4	1-1/8	1-3/8	1-1/8
18	*457*	2	2-5/16	3-1/4	1-1/8	1-3/8	1-1/8

MP 3 Specifications - 0.53 E.A.R.

Diameter		Hub Dimensions (inches)			Standard Taper Bore (inches)			Maximum Blade Width (inches)	Expanded Area per Blade (sq. in)	Approx. Net Weight (lbs.)	*WR²
Inches	MM / M	Aft End	Forward End	Length	Minimum Bore	Maximum Bore	Pilot Bore				
9	*229*	1-5/16	1-7/16	2-1/8	3/4	3/4	3/4	3-7/8	11.0	2.2	6
10	*254*	1-7/16	1-5/8	2-1/8	3/4	7/8	3/4	4-5/16	13.6	2.9	12
11	*279*	1-7/16	1-5/8	2-1/8	3/4	7/8	3/4	4-3/4	16.5	3.7	18
12	*305*	1-9/16	1-3/4	2-5/8	7/8	1-1/8	7/8	5-3/16	19.6	4.6	29
13	*330*	1-9/16	1-3/4	2-3/4	1	1-1/8	1	5-9/16	23.0	5.5	43
14	*356*	1-3/4	2	3	1	1-1/8	1	6	26.7	7.5	62
15	*381*	1-3/4	2	3	1	1-1/8	1	6-7/16	30.6	8.6	87
16	*406*	1-15/16	2-3/16	3-3/8	1-1/8	1-1/4	1-1/8	6-7/8	34.9	10.8	118
17	*432*	2	2-5/16	3-3/8	1-1/8	1-3/8	1-1/8	7-5/16	39.3	12.8	161
18	*457*	2	2-5/16	3-3/8	1-1/8	1-3/8	1-1/8	7-3/4	44.1	14.6	215
19	*483*	2-1/8	2-7/16	3-3/4	1-1/4	1-3/8	1-1/4	8-3/16	49.1	17.6	299
20	*508*	2-1/8	2-7/16	3-3/4	1-1/4	1-3/8	1-1/4	8-5/8	54.5	19.8	382
21	*533*	2-7/16	2-13/16	4-1/8	1-3/8	1-1/2	1-3/8	9	60.0	24.3	486
22	*559*	2-7/16	2-13/16	4-1/8	1-3/8	1-1/2	1-3/8	9-1/2	65.9	27.1	613
23	*584*	2-13/16	3-3/16	4-1/2	1-1/2	1-3/4	1-1/2	9-7/8	72.0	32.4	765
24	*610*	2-13/16	3-3/16	4-1/2	1-1/2	1-3/4	1-1/2	10-5/16	78.4	35.7	948
26	*660*	3-3/16	3-5/8	5-1/4	1-3/4	2	1-3/4	11-3/16	92.0	47.4	1,402
28	*711*	3-1/2	4	5-1/4	1-3/4	2-1/4	1-3/4	12-1/16	106.7	58.6	2,027
30	*762*	3-13/16	4-3/8	6	2	2-1/2	2	13	122.5	73.4	2,854
32	*813*	4-1/4	4-13/16	6	2	3	2	13-3/4	139.4	89.3	3,925
34	*864*	4-7/16	5-1/16	6-3/4	2-1/4	3-1/4	2-1/4	14-5/8	157.4	108.0	5,330
36	*914*	4-3/4	5-1/2	7	2-1/2	3-1/2	2-1/2	15-1/2	176.4	127.4	7,022
38	*965*	5-1/16	5-13/16	7-1/4	2-1/2	3-3/4	2-1/2	13-5/16	196.6	150.4	9,166
40	*1016*	5-1/16	5-13/16	7-3/4	2-3/4	3-3/4	2-3/4	17-1/4	217.8	175.0	12,427

*WR^2 = ±10% in Air (inch squared lbs.)