

Telechron Rotors by Sequential Numbers

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All Telechron rotors are no longer in production from ANY source. I have many rotors rebuilt and in stock. Any rotor that is not in my stock, I can have rebuilt even the aluminum ones.

The Telechron rotors that I sell at: <http://www.atmosman.com/rotor.html> , are the brass and steel rather than the aluminum that were made from the early 1970's. I don't list or sell any 50 cycle rotors.

There is a great book on the subject of Telechron/G.E. clock and it's called, "Electrifying Time" by Jim Linz. Please be aware that the procedure described in the book as "New Life into Dead Rotors" is flawed. The reason is that he suggests using lacquer thinner. Lacquer thinner will slowly destroy phenolic wheels, which are employed in all Telechron rotors.

The Telechron "B" rotor was in production as early as 1919 and, the "B-3" has the greatest torque followed by the "B-2".

The "M" number of the rotor was Telechron's way of identifying the customer and not the rotor. It has some significance in "B" rotors but all 3.6 rpm "H's" have the same torque.

Number	Type	RPM	Shaft & Description	Wattage [If known]
M-1	B-2	1	1/8x1/2 Hole With 9-Tooth Gear (Pinion)	2 watts
M-1	B-2	1	1/8x1/2 With 9-Tooth Gear (Pinion)	2 watts
M-2	B-2	1		2 watts
M-4	B-2	1	1/8x1/2 Hole With 9-Tooth Gear (Pinion)	2 watts
M-5	B-2	1	18-Tooth Gear (Pinion)	2 watts
M-11	B	4	1/8x1/2 Solid Round	
M-11	B	1	1/8x1/2 Solid Round with Flat	
M-12	B-3	1	12-Tooth Gear (Pinion)	4 watts
M-12	B-3	1	1/8x1/2 Solid Round with Hole in shaft	4 watts
M-14	B-3	60	9-Tooth Gear (Pinion)	4 watts
M-15	B-3	1	Long shaft, Long pinion, Hold end	
M-16	B-3	1	1/8x1/2 Solid Round with Flat	4 watts
M-31	B-3	1	1/8x1/2 Solid Round with Flat	4 watts
Number	Type	RPM	Shaft & Description	Wattage

				[If known]
M-38	B-2	1	1/8x1/2 Solid Round with Flat	2 watts
M-45				
M-48	B-2	1		2 watts
M-60	B	1	1/8x1/2 Solid Round with Flat	
M-99	B	1		8 watts
M-103	B	4	1/8x1/2 Solid Round with Flat	
M-118	B-2	1	Threaded Output Gear (Pinion)	5 watts
M-150	B-3	60	1/8x1/2 Solid Round	
M-163	B	4	1/8x1/2 Solid Round with Flat	
M-165	B-3	1	1/8x1/2 Solid Round	5 watts
M-168	B-3	1	1/8x1/2 Solid Round With Hole on the side of the Shaft	4 watts
M-168	B-3	1	1/8x1/2 Solid Round	4 watts
M-195	B	4	1/8x1/2 Solid Round with Flat	
M-209	B-3	1	1/8x1/2 Solid Round with Flat	4 watts
M-211	B-2	1	1/8x1/2 Solid Round With Hole on the side of the Shaft	
M-216				
M-217	B-2		1/8x1/2 Hole With 9-Tooth Gear (Pinion)	2 watts
M-220	BMX	1	1/8x1/2 Solid Round with Flat (Takes two fields and coils)	4 watts
M-220	BMX	1	1/8x1/2 Solid Round (Takes two fields and coils)	4 watts
M-245	B-2	1	Extra long shaft with hole end and 9-Tooth Gear (Pinion)	
M-348	B			
M-454	B			
M-519	F-1	3.6	10-Tooth Output Gear (Pinion)	
M-538	B	1	1/8x1/2 Solid Round	
M-547	B-2	1	5/32" Reverse threaded shaft	5 watts
M-579	H	3.6	10-Tooth Output Gear (Pinion)	
M-583	B-2	1	1/8x1/4 Solid Round	2 watts
M-591	B-2	1	1/8x1/2 Solid Round	
M-615				
M-625	B			
M-639	B-6	1	12-Tooth Output Gear (Pinion)	
M-667	H		Output Gear (Pinion)	
M-714	H	3.6	10-Tooth Output Gear (Pinion)	
Number	Type	RPM	Shaft & Description	Wattage

				[If known]
M-768	H	3.6	10-Tooth Output Gear (Pinion)	
M-776	B-8	1	1/8x1/2 Solid Round	
M-808	B-9	60	1/8x1/2 Solid Round	5 watts
M-810	B-9	1	1/8x1/2 Solid Round	5 watts
M-861	B-9	1	1/8x1/2 Solid Round	5 watts
M-892				
M-959	B-8	1		
M-1000	B-3	30	1/8x1/2 Solid Round	5 watts
M-1001	B-F	1	36-Tooth Output Gear (Pinion)	
M-1024	B-F	1	36-Tooth Output Gear (Pinion)	
M-1028	B	1	1/8x1/2 Hole With 9-Tooth Gear (Pinion)	
M-1038	B-3	3	1/8x1/2 Solid Round	
M-1040				
M-1145	H	3.6	10-Tooth Output Gear (Pinion)	
M-1162	B	1	1/8x1/2 Solid Round with Flat	
M-1181	B-2	1	Threaded Output Gear (Pinion)	
M-1198	H		Output Gear (Pinion)	
M-1223	B-3	1	1/8x1/2 Solid Round With Hole on the side of the Shaft	
M-1228	B-3	1	1/8x1/2 Solid Round With Hole on the side of the Shaft	
M-1308				
*M-1313	H-3	3.6	10-Tooth Output Gear (Pinion)	2 watts
*M-1321	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-1343	H		Output Gear (Pinion)	
M-1379	B-F	1	18-Tooth Output Gear (Pinion)	
M-1417				
M-1432	H		Output Gear (Pinion)	
M-1449				
M-1475	B-2	1		12 watts
M-1486	B-8	1	1/8x1/2 Solid Round	2 watts
M-1519	H	3.6	10-Tooth Output Gear (Pinion)	
M-1525	B		1/8x1/2 Solid Round	
M-1583	B-7	1	1/8x1/2 Solid Round	
M-1605	B-9	60	1/8x1/2 Solid Round	5 watts
M-1630	H	3.6	10-Tooth Output Gear (Pinion)	2 watts
M-1631	H	3.6	10-Tooth Output Gear (Pinion)	
M-1664				
Number	Type	RPM	Shaft & Description	Wattage

				[If known]
M-1672				
M-1676	H		Output Gear (Pinion)	
M-1678	H	3.6	10-Tooth Output Gear (Pinion)	
M-1694	C-5	1	12-Tooth Output Gear (Pinion)	6 watts
M-1710	B-2	1		2 watts
M-1721	B-9	1	1/8x1/2 Solid Round	
M-1726	B-3	1	1/8x1/2 Solid Round	
M-1726	B-3	1	1/8x1/2 Solid Round With Hole on the side of the Shaft	
M-1747	B-8	1	1/8x1/2 Solid Round	2 watts
M-1778	B-8	1	1/8x1/2 Solid Round	
M-1794	B-C	60	1/8x1/2 with 10 tooth pinion .35" length	6 watts
M-1801				
M-1806	B	60	1/8x1/2 Solid Round	
M-1812	B	60	1/8x1/2 Solid Round	
M-1816				
M-1830	B	1	1/8x1/2 Solid Round	
M-2017	B-3	1	1/8x1/2 Solid Round With "I" Shaft at end	
M-2023	H	3.6	10-Tooth Output Gear (Pinion)	
M-2028				
M-2038	B-9	30	1/8x1/2 Solid Round	5 watts
M-2052	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2055	B-C	4		4 watts
M-2056				
M-2060				
M-2066				
M-2070				
M-2074				
M-2088				
M-2106				
M-2124	B-F	1	36-Tooth Output Gear (Pinion)	
M-2135	B-15		Output Gear (Pinion)	
M-2146	H	3.6	10-Tooth Output Gear (Pinion)	
M-2150				
M-2184	B		1/8x1/2 Solid Round	
M-2200	B-3	4	1/8x1/2 Solid Round	
M-2205				
Number	Type	RPM	Shaft & Description	Wattage [If known]

M-2244	B-3	1	1/8x1/2 Solid Round	
M-2229	B-15		Output Gear (Pinion)	
M-2260	B	1	1/8x1/2 Solid Round	
M-2269				
M-2270				
M-2275	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2309	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2317	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2319	H	3.6	10-Tooth Output Gear (Pinion)	
M-2322	H	3.6	10-Tooth Output Gear (Pinion)	
M-2327	H	3.6	Output Gear (Pinion)	
M-2334	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2337	B	1		
M-2347	H		Output Gear (Pinion)	
M-2360				
M-2370				
M-2374	B-2	1	Threaded Output Gear (Pinion)	
M-2375	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2376	B-2	1	Threaded Output Gear (Pinion)	
M-2377	B-3	1	1/8x1/2 Solid Round with Flat	4 watts
M-2378				
M-2379				
M-2381	B-3	1	12-Tooth Output Gear (Pinion)	
M-2387	B			
M-2394	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2396	H	3.6	10-Tooth Output Gear (Pinion)	
M-2397	B-2	1	1/8x1/2 Hole With 9-Tooth Gear (Pinion)	4 watts
M-2398	H	3.6	10-Tooth Output Gear (Pinion)	
M-2401	B-2	1	1/8x1/2 Hole With 9-Tooth Gear (Pinion)	
M-2405				
M-2409	B		1/8x1/2 Solid Round	
M-2431	B			
M-2432				
M-2440				
M-2442	B-15		Output Gear (Pinion)	
M-2445	B-15		Output Gear (Pinion)	
M-2451	B-14	1	1/8x1/2 Solid Round	
Number	Type	RPM	Shaft & Description	Wattage [If known]
M-2453	B			

M-2457				
M-2475	H	3.6	10-Tooth Output Gear (Pinion)	
M-2481	B-13	1	1/8x1/2 Solid Round	4 watts
M-2484	B	4	1/8x1/2 Solid Round	
*M-2487	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2492	S	3.6	Output Gear (Pinion) (Aluminum)	
M-2497				
M-2501				
M-2510	B-3	1	1/8x1/4 Solid Round	4 watts
M-2510	B-3	1	1/8x1/2 Solid Round	4 watts
M-2510	B-3	1	1/8x1/2 Solid Round With Hole on the side of the Shaft	4 watts
M-2515	B-2	1	1/8x1/2 Hole Round	
M-2515	B-2	1	1/8x1/2 Hole Round with Hole end	
M-2516				
M-2518	B-F	1	36-Tooth Output Gear (Pinion)	
M-2519	B-F	1	18-Tooth Output Gear (Pinion)	
M-2525	B	2	1/8x1/2 Solid Round	
M-2528				
M-2529	B-3	4	1/8x1/2 Solid Round	
M-2535	B-C	60	1/8x1/2 Solid Round	
M-2538	BMX	1	1/8x1/2 Solid Round (Takes two fields and coils)	
M-2565	B	60	1/8x1/2 Solid Round	
M-2587	B-C	60	1/8x1/2 with 10 tooth pinion .35" length	6 watts
M-2604	B	60	1/8x1/2 Solid Round	
M-2613	B	1	1/8x1/2 Solid Round	
M-2614	B-3	1	1/8x1/2 Solid Round	
M-2636	B-3	1	1/8x5/32 Solid Round with Short Shaft	4 watts
M-2636	B-3		Output Gear (Pinion)	
M-2644	B-3	1		
M-2653	B-3	1	1/8x1/2 Solid Round	
M-2667				
M-2670	B			
M-2675	B-F	1	36-Tooth Output Gear (Pinion)	
M-2676	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-2679	B-13	30	1/8x1/2 Solid Round	5 watts
Number	Type	RPM	Shaft & Description	Wattage [If known]
M-2682	H	3.6	10-Tooth Output Gear (Pinion)	

M-2687	H-7	1	Round	
M-2690	H-7	2	Round	
M-2692	H-7	3	Round	
M-2698	H-7	6	Round	
M-2700				
M-2709				
M-2712	C-5	1		
M-2723				
M-2726				
M-2737				
M-2738	B-3	1	1/8x1/2 Solid Round	
M-2738	B-3	1	1/8x1/2 Solid Round With Hole on the side of the Shaft	
M-2776	C-5	1	16-Tooth Output Gear (Pinion)	
M-2782	B-C	60	9-Tooth Output Gear (Pinion)	
M-2790	B-3	30	1/8x1/2 Solid Round	5 watts
M-2835	B	1	1/8x1/2 Solid Round	
M-2860				
M-2864	B-3			4 watts
M-2934	B-13	0.5		4 watts
M-3019	B-2	1	3/32x1/2 Hole with 10 tooth gear (Pinion)	
M-3025	H-10	3.6	10-Tooth Output Gear (Pinion)	
M-3042	H-10	3.6	10-Tooth Output Gear (Pinion)	4 watts
M-3046	B-15		Output Gear (Pinion)	
M-3047	B-15		Output Gear (Pinion)	
M-3069	B-2	1	1/8x1/2 Solid Round	
M-3072	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3083	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3084				
M-3097	H	3.6	10-Tooth Output Gear (Pinion)	
M-3103	H		Output Gear (Pinion)	
M-3107	B	1	1/8x1/2 Solid Round	
*M-3110	H-3	3.6	10-Tooth Output Gear (Pinion)	
M-3126	B	1	1/8x1/2 Solid Round	
M-3130				
M-3136	H	3.6	Output Gear (Pinion)	
M-3140	C-5	1	16-Tooth Output Gear (Pinion)	
Number	Type	RPM	Shaft & Description	Wattage [If known]
M-3141	S	3.6	Output Gear (Pinion) (Aluminum)	

M-3150	H-18	3.6	10-Tooth Output Gear (Pinion)	
M-3151	H-18	3.6	10-Tooth Output Gear (Pinion)	
M-3154	S-1	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3156	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3162	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3163	B	60	1/8x1/2 Solid Round	
M-3178	BC-3	30	1/8x1/2 Solid Round	
M-3186				
M-3191	B-13	1	1/8x1/2 Solid Round	5 watts
M-3210	B-13	30	1/8x1/2 Solid Round	5 watts
M-3215	B	60	1/8x1/2 Solid Round	
M-3218	H-3	14.4	17-Tooth Output Gear (Pinion)	2 watts
M-3230	H	3.6	Output Gear (Pinion)	
M-3235	BC	60	1/8x1/2 Solid Round	6 watts
M-3243	S-4	3.6	15-Tooth Output Gear (Pinion) (Aluminum)	
M-3296	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3310	S-4	3.6	15-Tooth Output Gear (Pinion) (Aluminum)	
M-3313	S-4	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3326	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3327	S-4	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3331	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3333	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3373	B		10-Tooth Output Gear (Pinion); (Takes two fields and coils)	
M-3378	S-5	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3388	B-16	1	1/8x1/2 Solid Round	
M-3394	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3395	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3400	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3401	H-3	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3403	H		Output Gear (Pinion)	
M-3404	S-5	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3413	B-16	1	1/8x1/2 Solid Round	
M-3420	B-15		Output Gear (Pinion)	
M-3420	H	3.6	10-Tooth Output Gear (Pinion)	
M-3424	H	3.6	10-Tooth Output Gear (Pinion)	
M-3473	H		Output Gear (Pinion)	
Number	Type	RPM	Shaft & Description	Wattage [If known]
M-3476	S	3.6	Output Gear (Pinion) (Aluminum)	

M-3479	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3481	S-1	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3485	H		Output Gear (Pinion)	
M-3486	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3497	H	3.6	10-Tooth Output Gear (Pinion)	
M-3499	H	3.6	10-Tooth Output Gear (Pinion)	
M-3502	B-13	1	1/8x1/2 Solid Round (Aluminum)	
M-3504	B-16	1	1/8x1/2 Solid Round (Aluminum)	
M-3506	B-13	1	1/8x1/2 Solid Round (Aluminum)	
M-3506	B-13	1	1/8x1/2 Hole With 9-Tooth Gear (Pinion) (Aluminum)	
M-3508	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3509	S-1	3.6	9-Tooth Output Gear (Pinion) (Aluminum)	
M-3514				
M-3515	B	0.5	1/8x1/2 Solid Round	
M-3518				
M-3520	S-1	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3522	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3524	S-1	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3528	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3533	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3536	B-13	1	1/8x1/2 Solid Round with Flat (Aluminum)	
M-3538	B-15	1	1/8x1/4 Solid Round10-Tooth Output Gear (Pinion)	
M-3542	B-15		10-Tooth Output Gear (Pinion)	
M-3545	B	1	1/8x1/2 Solid Round	
M-3546	B-13	2	1/8x1/2 Solid Round (Aluminum)	
M-3548	B	4	1/8x1/2 Solid Round	
M-3556	B-15		Output Gear (Pinion)	
M-3575	B-C	60	1/8x1/2 Solid Round (Aluminum)	
M-3583	BC-3	60	1/8x1/2 Solid Round (Aluminum)	6 watts
M-3584				
M-3586	B	57.6	1/8x1/2 Solid Round	
M-3595	S-1	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3609	B	1	1/8x1/2 Hole With 9-Tooth Gear (Pinion)	
M-3609	B	1	Round with Gear (Pinion)	
M-3610	B		1/8x1/2 Solid Round	
Number	Type	RPM	Shaft & Description	Wattage [If known]
M-3614	H	3.6	10-Tooth Output Gear (Pinion)	

M-3617	H	3.6	10-Tooth Output Gear (Pinion)	
M-3619	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3628	H-18	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3630	H	3.6	Output Gear (Pinion)	
M-3632	H-3	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3633	S-1	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3634	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3635	S-1	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	
M-3637	S-1	3.6	10-Tooth Output Gear (Pinion) (Aluminum)	3 watts
M-3639	S	3.6	Output Gear (Pinion) (Aluminum)	
M-3641	S	3.6	Output Gear (Pinion) (Aluminum)	
M-21003	EC-2	60	1/8x1/2 Solid Round with Flat	

TYPE (B-?) Measures 1-1/4" in Diameter X 1-5/8" high
 TYPE (H-?) Measures 1-3/32" in Diameter X 7/8" high
 TYPE (S-?) Measures 1-1/16" in Diameter X 13/16" high
 TYPE (C-?) Measures 2-1/2" in Diameter X 2 1/16" high
 TYPE (F-?) Measures 2-3/16" in Diameter X 15/16" high

The F has two screw holders built ring into the steel cast.
 These "F's" were made during World War II in order to conserve brass

* Some of these were retrofitted to replace the F rotor.
 (M-1313, M-1321, M-2487, & M-3110)

The information found on the rotor itself goes something like this:

The type of rotor (B-3, B-2, H-3, etc.),
 TOP (This is significant because all rotors are self lubricating and the word
 TOP must point straight up for the self lubrication to be its most efficient.
 The "M" # (M-1, M-31, M-38 etc.)
 The RPM's of the rotor (RPM),
 The current in cycles (CY),
 A production number

Coil Information

Telechron coil information is intended as a user guide because past repair people just grabbed any coil that they could get there hands on and for longer

life of the clock and rotor, you should seriously consider replacing the coil if yours is not the proper wattage.

The “plate” over the back of the rotor has all the information you need. This plate cover contains the following information:

The type of rotor needed, the volts (V), the current in cycles (CY), the Model # [either the clock or the movement, not sure] (MOV), the RPM's of the rotor (RPM), the wattage required (W).

Coil Information - continued

Wattage	Coil Number	Comments
12	37-W	This would have two fields and coils.
10	10-W	
8	48-W	This would have two fields and coils.
6	37-W	
5	45-W	
4	90-W	This is 220 volts
4	48-W	
4	44-W	
3	68-W	
2	12-W	This is 20 volts for NuTone Systems
2	56-W	
2	60-W	
2	65-W	
2	70-W	

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 Mike Murray Founder of Clocksmiths

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Memberships: NAWCC

Formally AWI's 400-day Bench Course Instructor

Main FTP site is located at:

<http://www.home.earthlink.net/~atmosman/earthftp.html>

I, Mike Murray, make no claims as to the accuracy or completeness for the preceding information.

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