

AndyMark 6" Mecanum Wheel (am-0136L) Assembly Instructions



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Parts need to make one (1) 6" Mecanum Wheel:

Tools needed:

Component	Qty.	Part #
6" Mecanum Wheel Plate	1	am-0299
M3x0.5 SHCS x 50mm long screws	16	am-1174
M3 Nylock Nut, Steel, Zinc Plated	16	am-1163
HD Mecanum Rollers	16	am-0893
Axle Tube	16	am-0998
Inner Axle Tube	16	am-0999

M2.5 Hex head driver
M3 Wrench (or socket)
Cordless drill, set on low torque setting

6" Mecanum Wheel Assembly Instructions:

Step 1: Place the 6" Mecanum Wheel Plate down flat as shown.



Step 2: Insert all the axle tubes into the Mecanum rollers.



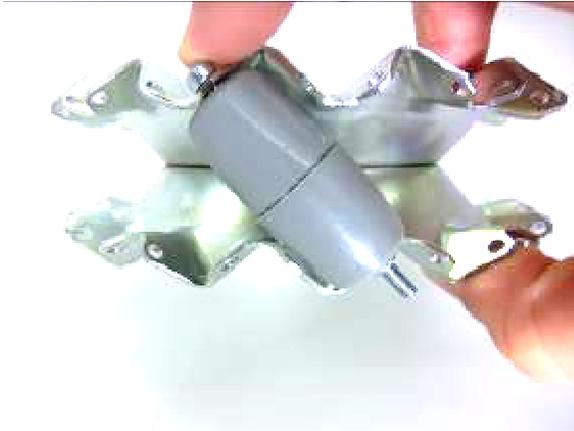
Step 3: Insert the inner axle tubes inside of the Mecanum roller assemblies.



Step 4: Insert this entire assembly into the 6" Mecanum Wheel Plate so that it faces the left direction.



Step 5: Insert an M3x0.5 SHCS x 50mm long screw through the Mecanum roller.



Step 6: By hand, screw in an M3 Nylon Nut.



Step 7: Repeat steps 4-6 fifteen more times.



Step 8: Tighten them all using the cordless drill and wrench. It should look like this when completed.

