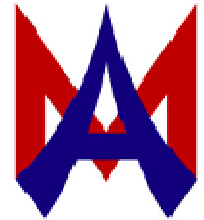


# AndyMark 6" Mecanum Wheel (am-0136R) Assembly Instructions



January 2013

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.



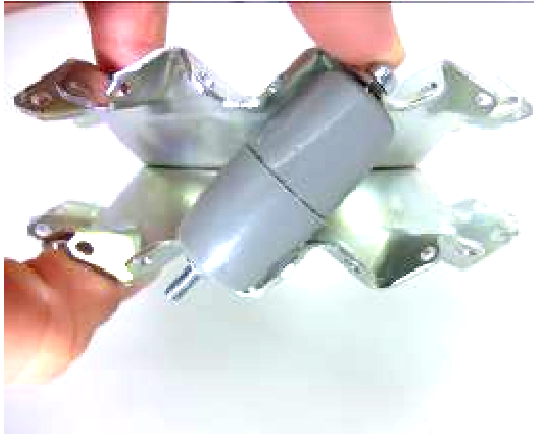
**Step 3:** Insert the inner axle tubes inside of the Mecanum roller assemblies.



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



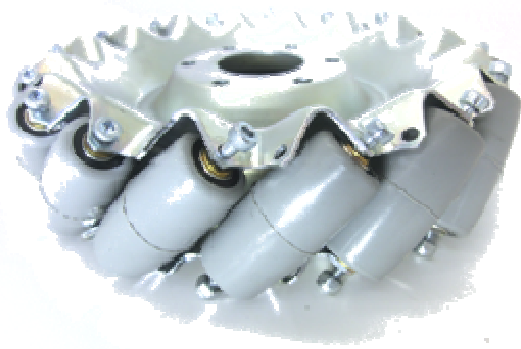
**Step 5:** Insert an M3x0.5 SHCS x 50mm long screw through the Mecanum roller.



**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.



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