

## Components needed – Delrin V-Wheel



Each V-Wheel consists of; 1x Delrin V-Wheel Outer, 2x Bearings and 3x Washers



You will receive the Delrin part and washers from us, depending on the reward you chose. Unfortunately you will have to source the bearings yourself.



You will also need some bolts, we recommend using stainless steel M5 x 30 allen head bolts.



The bearings needed are 5mm x 16mm x 5mm (the centre hole being able to accommodate a M5 bolt). Two bearings are needed for every V-Wheel. These bearings are widely available;

[eBay - European shipping](#)

[eBay - Worldwide Shipping](#)

Please check your local hardware/industrial store, as they might stock them for less.



## Step by step assembly – Delrin V-Wheel



Stand one of your M5 bolts, upright. It will be easier to assemble them with this.



Place one of the washers onto the bolt.



Place one of the bearings on top of the washer.



Lightly place a Delrin V-Wheel on top of the bearing.



Make sure the Delrin is correctly aligned, then apply some downwards force until the Delrin has slotted over the bearing.



Place another washer over the bearing.



Put the second bearing loosely on top of the Delrin V-Wheel.



Make sure the bearing is aligned square and correctly and then apply some downwards force to push it into place.



Place the last washer on top of the outer bearing.



Thread the nut onto the bolt.



Thread the nut down. Do not over tighten, just enough to compress all the components in place.



The V-Wheel is now complete. The nut can be removed and the finished wheel can be used.