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V-Wheel Assembly:

- Insert a bearing into one side. These are force fit tolerances so you might have to push hard.

- Press the bearing until it's seated against the inside lip of the v-wheel.

- Slide an M5 bolt through the bearing (outside in) - you'll use this to align the precision washer and the other bearing.

- Slide the precision washer over the bolt and let it slide all the way down until it is touching the bearing you just inserted

- Slide the other bearing over the bolt and let it slide down until it hits the rim of the v-wheel.

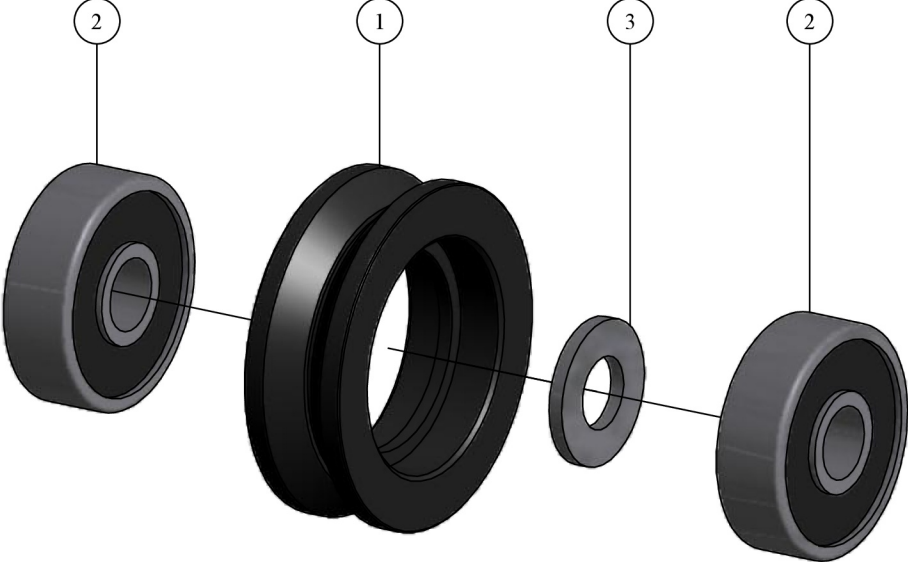
- Press the second bearing into the v-wheel just as you did the first

- When the assembly is complete, you can remove the M5 bolt

Shapeoko Build Instructions

STEP 1

Note: do not forget the precision washer!



ITEM	QTY	PART NUMBER	TITLE
1	1	MSK01-05	V Wheel
2	2	MSK01-07	5mm x 16mm x 5mm bearing
3	1	MSK01-08	Precision Washer (1mm thick)

OPEN HARDWARE

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TOLERANCES

(EXCEPT AS NOTED)

BETWEEN

FINISHED SURFACES

FRACTIONAL: ± 1/64"

DECIMAL: ± .010"

DETAIL DIMENSIONS: ± 1/16"

shapeoko

DESIGNED BY: ERF

DETAILED BY: ERF

DATE: 6/5/2012

TITLE

v-wheel assembly

SIZE B

DRAWING NUMBER

MSK01-05A

SCALE

SHEET 1 OF 1

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