

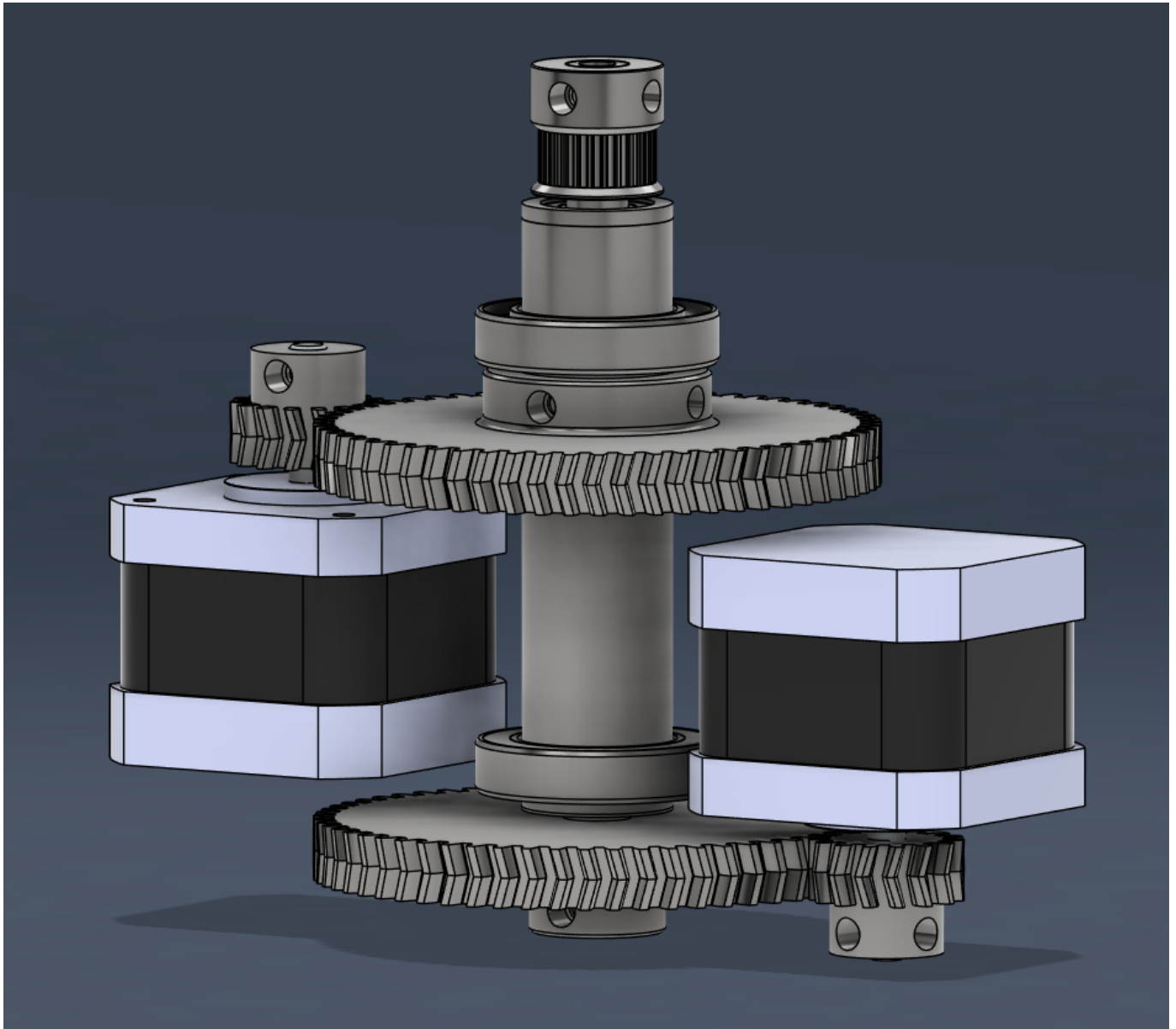
**3D PRINTING AND DESIGN REFERENCE DOCUMENT**

<b>Document Title:</b>	Document Title
<b>Document No.:</b>	1756372333
<b>Author(s):</b>	jattie
<b>Contributor(s):</b>	

**REVISION HISTORY**

<b>Revision</b>	<b>Details of Modification(s)</b>	<b>Reason for modification</b>	<b>Date</b>	<b>By</b>
0	Draft release	Document description here	2025/08/28 09:12	jattie

# Radial Sandtable Design



## Gear Spacing Calculations

Let's crunch the numbers with a 1.2 mm pitch and gears of 15 teeth and 60 teeth.

### ⚙️ Step-by-step Calculation

- Pitch Diameter of Gear 1 = 15 teeth  $\times$  1.2 mm = 18 mm
- Pitch Diameter of Gear 2 = 60 teeth  $\times$  1.2 mm = 72 mm

### Centre distance

Centre Distance =  $\frac{1}{2} \times (18 + 72) = \frac{1}{2} \times 90 = 45\text{mm}$

□ Final Answer: Centre spacing = 45 mm

From:  
<http://3dfaq.net/> - **3D Printing Wiki**

Permanent link:  
[http://3dfaq.net/04\\_projects/04\\_sandtable\\_radial\\_version](http://3dfaq.net/04_projects/04_sandtable_radial_version)

Last update: **2025/08/28 17:10**

