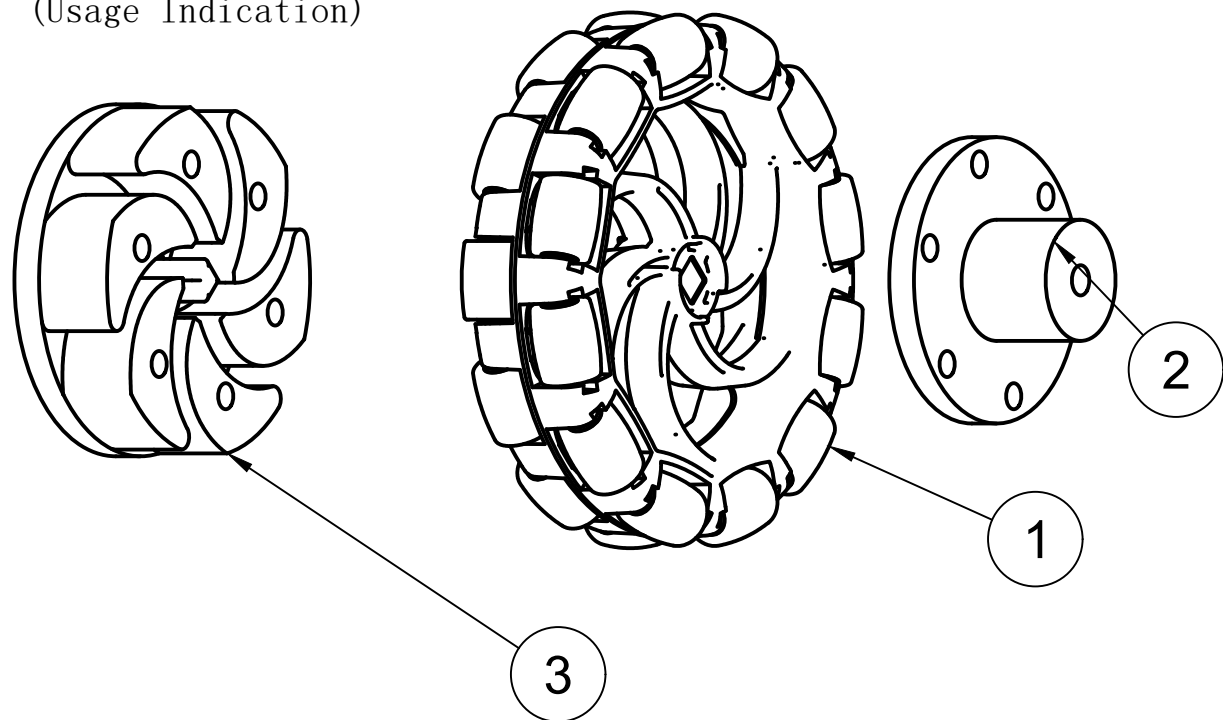
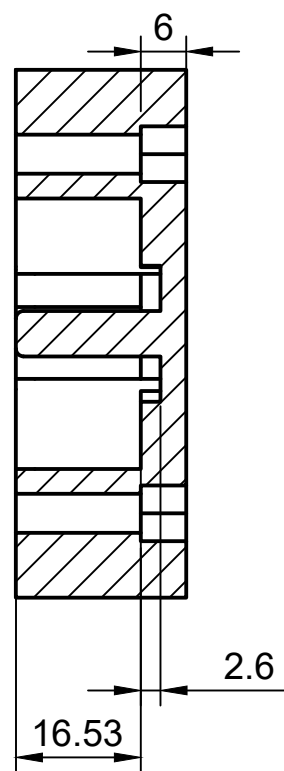


(Usage Indication)

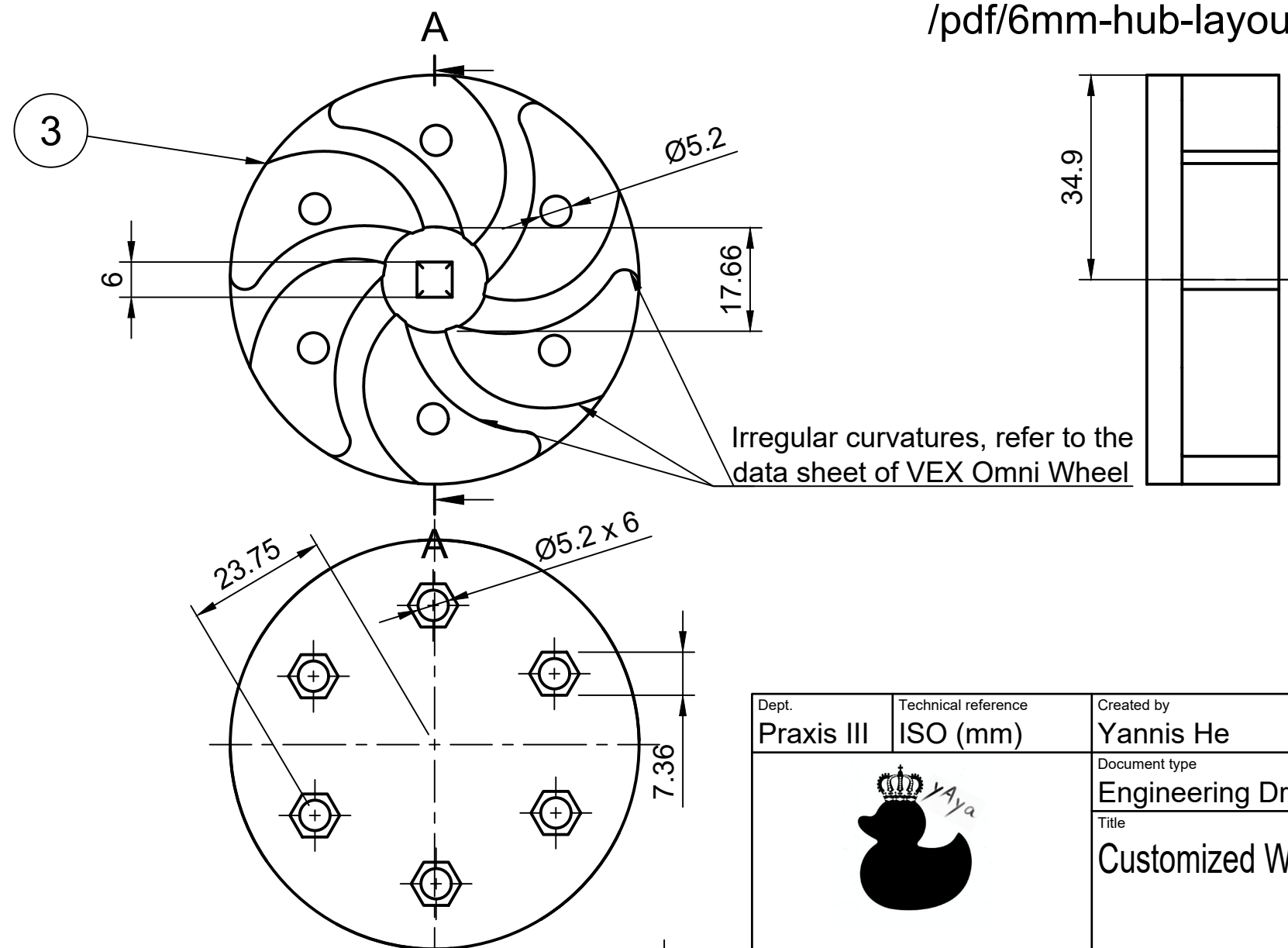


Parts List				
Item	Qty	Part Number	Description	Material
1	1	Omni Wheels	VEX 4_Omni-Directional_Wheel_276-2185 v1	ABS Plastic
2	1	Motor Shaft Mount	Purchased from RoboShop	Aluminum
3	1	Wheels Mount	Customized CAD Component	ABS Plastic

- Fabrication step: 3D printing with Tolerances of 1.0 mm
- Assembly steps: joint part 1, 2, 3 with screws
- Regular 3D printing surface is obtained.
- Data Reference Sheet:
<https://www.robotshop.com/media/files/pdf/6mm-hub-layout-print-18007.pdf>



Cross-section
A-A (1:1)



Dept. Praxis III	Technical reference ISO (mm)	Created by Yannis He	4/7/2020	Approved by myself	4/7/2020
		Document type Engineering Drawing	Document status Completed		
		Title Customized Wheel Mount	DWG No. 00000004		
		Rev. 2	Date of issue 4/7/2020	Sheet 1/1	