

# Pen Ball

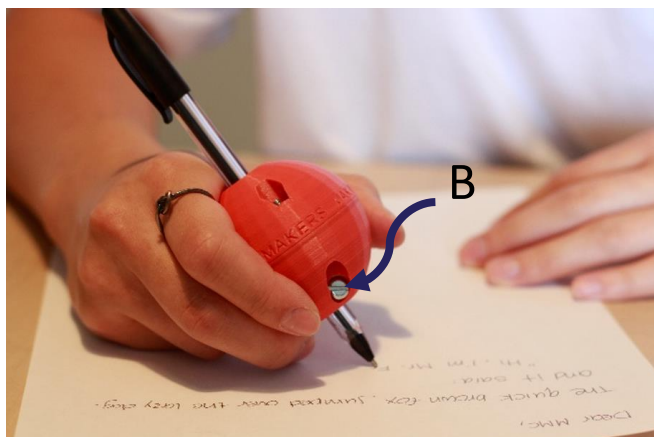
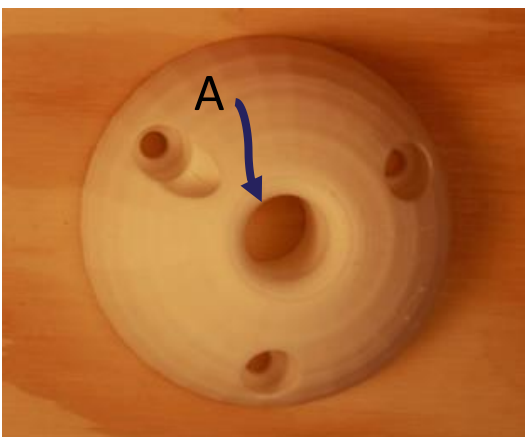
## USER QUICK GUIDE

### Introduction

The Pen Ball device creates a wider grip for users who struggle to use writing utensils that require a tight pinch grip. The Pen Ball comes in a few predetermined sizes large, medium, and small with each size also having a pen hole size of small, medium, and large. This allows users with different hand sizes/shapes as well as including different pen sizes allows for a variety of use cases. Custom sizing can also be done by requesting the maker to use the OpenSCAD file on the project page to adjust the dimensions. If you want specific sizing information of the pen ball, a sizing guide can be found at the bottom of this document.

### Features

The pen ball is made up of two halves that are attached together to form a sphere. This sphere has a hole through the middle of it called a “pen hole” [A]. A writing utensil, paintbrush, or any cylindrical device can be put through the pen hole and fixed using the two set screws [B] found on the side of the device.



### Usage

The Pen Ball requires a writing utensil to be inserted into the pen hole. The writing utensil can then be fixed in the desired position by tightening the set screws. The Pen Ball is then ready to use and can be held in any orientation the user desires for their ideal grip.

### Compatibility

Set screws allow many sizes of writing utensils to be placed into the pen hole. In addition, if you find that the set screws are not able to secure the writing utensil or it is not able to fit inside the pen hole the varying sizes of pen hole (small, medium, or large) can be 3D printed/requested to allow for these cases.

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### Cleaning

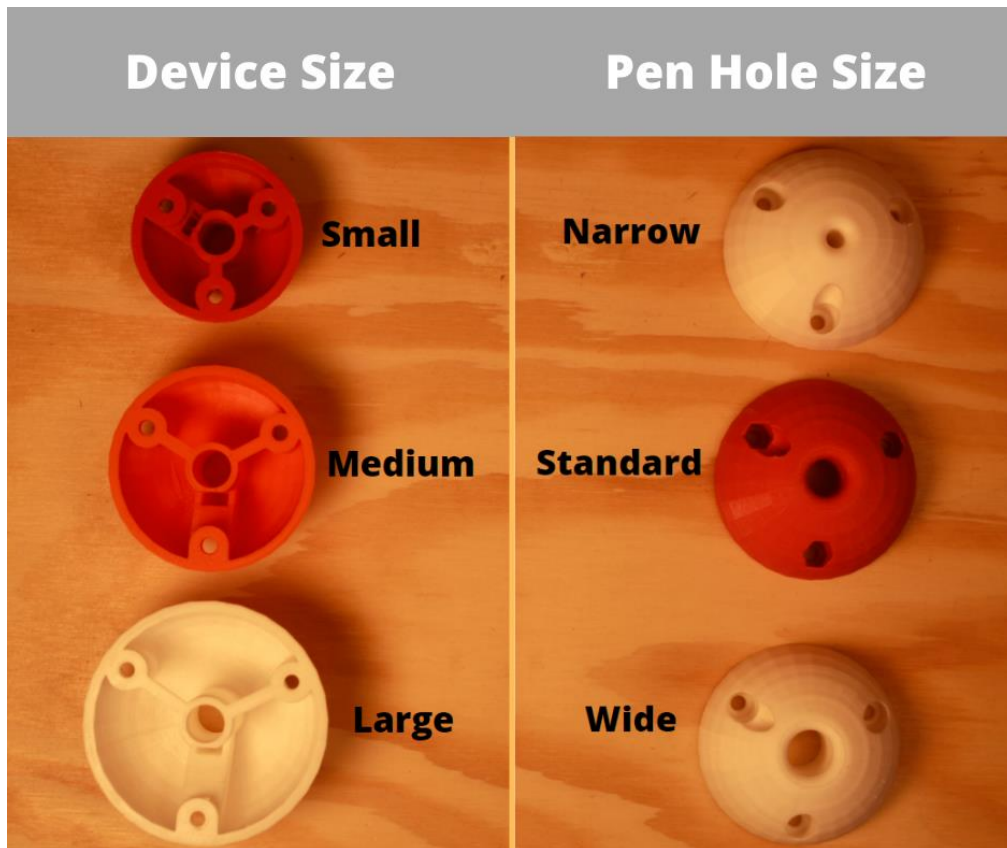
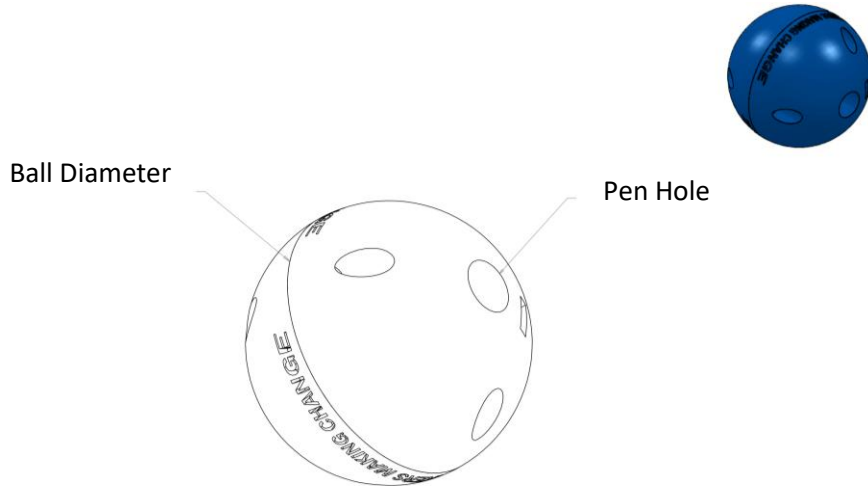
The pen ball can be sprayed or wiped down with sanitizing cleaners. **Do not** wash the Pen Ball in high heat as it can cause it to melt or break. (i.e. **do not use** Dishwashers, soaking in hot water, washing machines)

### Specifications

The sizing guide for the Pen Ball can be seen on the next page:

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## Pen Ball Sizing:



# Pen Ball

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Palm pen version	Pen hole size	Ball Diameter (mm)	Pen Hole (mm)
Small Pen Ball	Narrow	50	5
	Standard	50	10.5
	Wide	50	12.5
Medium Pen Ball	Narrow	60	5
	Standard	60	10.5
	Wide	60	12.5
Large Pen Ball	Narrow	70	5
	Standard	70	10.5
	Wide	70	12.5