This document is intended to be a summary of a device to make it easier to add to the website.

# Product Information

## Product Name

Felting Needle Holder

## Device Category

Mark any relevant categories with an “X”:

|  |  |
| --- | --- |
|  | Adapted Toys |
|  | Aids for Daily Living (ADL) |
|  | Assistive Switches |
|  | Communication Aids (AAC) |
|  | Computer Access |
|  | Environmental Controls |
|  | Gaming |
|  | Keyguard |
|  | Kits |
|  | LipSyncs |
|  | Mounting |
| X | Recreation and Leisure |
|  | Seating and Positioning |
|  | Switch Interfaces |
|  | Writing Aids |

## User Value Statement

This ball-shaped aid can make it easier to hold and manipulate a felting needle.

## Designer

Makers Making Change

# Device Info

## Overview

The Felting Needle Holder is an aid for making it easier to hold and manipulate a felting needle. The holder is ball shaped with a diameter of 50 mm (~2 inch), between the size of a golf ball and a billiards ball.

## Disability Type

Select one or more disability types and mark with an “X”:

|  |  |
| --- | --- |
| X | Agility / Dexterity |
| X | Arthritis |
|  | Cognitive |
|  | Hearing |
|  | Mobility |
|  | Mobility |
| X | Pain |
|  | SCI |
|  | Vision |
|  | Other |

## Disability Type Description

The Felting Needle Holder may be useful for people with limited hand strength and/or dexterity. This may include people with arthritis, Parkinson’s disease, muscular dystrophy, cerebral palsy, and stroke survivors. The device may also be helpful for children.

## How To Use

Once assembled, the Felting Needle Holder is intended to be held in the hand.

To assemble the Felting Needle Holder, the needle is inserted into the bottom of the ball. The threaded connector is used to fasten it in place and then the top is attached.

When the holder is not in use, the cover can be inserted over the needle to cover the sharp point.

## Estimated Cost

The estimated material cost of the device for a single build:

|  |  |
| --- | --- |
| X | $0 - $10 |
|  | $11 - $25 |
|  | $26 - $50 |
|  | $51 - $100 |
|  | $101 - $250 |
|  | $250+ |

$1

## Attribution

Designed by Neil Squire Society / Makers Making Change

Contributors:

Zee Kessler. Original idea and design challenge.

Jake McIvor. Neil Squire Society. Design and documentation.

# Maker Info

## Project Skills

Mark the required project skills with an “X”:

|  |  |
| --- | --- |
| X | 3D Printing |
|  | Custom PCB |
|  | Electronics |
|  | Laser Cutting |
|  | Mechanics |
|  | Software |
|  | Soldering |
|  | Woodworking |
|  | Other |

## Skills Description

This is a simple build that consists of four 3D printed parts.

## Tools Needed

|  |  |
| --- | --- |
| X | 3D Printer |
|  | Common Hand Tools |
|  | Common Power Tools |
|  | Laser Cutter |
|  | Soldering Iron |
|  | Specialized Tooling |

## Print time (hrs)

1.5 – 4 hours

## Assembly time (hrs)

15 min

## Build Instructions

This is a simple build that consists of four 3D printed parts.

* 1X 3D Printed Ball Top
* 1X 3D Printed Ball Bottom
* 1X 3D Printed Connector
* 1X 3D Printed Cover
* 1X Felting Needle (Not included)

## Download Link

https://github.com/makersmakingchange/Felting-Needle-Holder/archive/refs/heads/main.zip

## Project Link

# <https://github.com/makersmakingchange/Felting-Needle-Holder>

# License

## License

Hardware: CERN OHL-W

Software: n/a

Documentation: CC BY-SA