Printables by JOSEF PRUSA

# Cuff Utensil Holder – Universal Eating Assistive Grip

TOMGLOBAL

VIEW IN BROWSER

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## Summary

Adaptive palm cuff holder enabling individuals with limited grip strength to hold cutlery and eat independently.

Household > Kitchen

Tags: holder grip accessibility cutlery utensil adaptive cuff eating assistive

### Overview

The **Cuff Utensil Holder** is an adaptive 3D-printed universal cuff designed to secure eating utensils (such as forks, spoons, or knives) directly to the user's hand. It eliminates the need for active finger grip, allowing users to eat independently during daily meals.

### Who is this for?

Designed for individuals facing severe grip limitations or hand weakness, including:

Individuals with quadriplegia, spinal cord injuries, or hand paralysis

Tremors, severe arthritis, or motor control impairments

Anyone needing a hands-free grip solution for eating utensils

### Purpose & Key Features

**Grip-Free Self-Feeding:** Holds utensils securely against the palm, requiring no pinch or finger strength.

**Universal Slot:** Accommodates standard cutlery handles firmly.

**Dignity & Autonomy:** Helps users maintain mealtime independence without continuous assistance.

### Recommended Print Settings

**Material:** PETG or Flexible TPU (TPU recommended for palm comfort, PETG for rigid adapters)

**Layer Height:** 0.2 mm

**Infill:** 20% – 30%

**Perimeters / Walls:** 3 walls

**Supports:** May be required depending on print orientation

**Printer Type:** FDM Printer

### Credits & Attribution

**Original Project:** Cuff Utensil Holder

**Designed with:** Tikkun Olam Makers (TOM)

**Original Source:** [TOM Global](https://tomglobal.org/project/cuff-utensil-holder-618245524f10776dbe488601)

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## This remix is based on

**Cuff Utensil Holder | TOM Global**

# Model files

**spoon_holder_with_cuff.stl**

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